

InnovaTint

LAB

Training Manual

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1 Introduction

1.1 Main functionality

The main functions of InnovaTint Lab software are:

- > To manage tinting formula database and color card information
- > To transmit the dispensing instructions to the driver program of the dispensing machine
- > To backup and restore the formula database
- To communicate with a spectrophotometer, and to look up and calculate new color formulae based on the measured values
- > To calculate the price of the dispensed product
- > To collect statistics of the tinted products
- > To manage Shop database and replication process
- > To create tinting systems and manage components of them

1.2 Navigation in program

Throughout the whole manual, you can use navigation menu, on left side of the screen to navigate between different pages in software. When making any change, software will ask you to confirm changes when leaving one window, unless you have already clicked **Save** button on the screen. At any time, you can undo any change you have done to the page, by clicking **Reset** button. Please do notice that both **Save** and **Reset** buttons are inactivated unless you have done any changes. Use X button on top-right corner on the window to exit program.

InnovaTint Data Entry - LAB System Selection None The provided and the provide	Navigation menu	Exit
Configuration		
Matching and Characterisation		
Management and Analysis		Reset & Save
Options	Innov	vaTint Data entry too
📥 Add row 🔄 Delete row		Reset Save



Note: After each of the processes described on this manual the click of the Save button

is required to complete the process.

Some of the pages contains **Back** and **Next** buttons. With these buttons you can either go back to the previous page or to proceed to the next page on the process.



1.3 Start the program

To start InnovaTint software, navigate in to the **Windows Start menu** ⇒ **Programs** ⇒ **InnovaTint** ⇒ **InnovaTint Lab.**

To **login** in to the InnovaTint LAB program:

👒 InnovaTint LAB - Log	jin 🤶 💌
CPS	COLOR™
	any colour you see
Language:	InnovaTint-LAB_uni.qm
Main database:	s6Main 3
Local database:	s6local
Username:	
Password:	
6 Different usernar	me and password for local datase 8
Recover DB	B Login

1.Select the **Language** from the drop-down list.

2.Select the Main database from the drop-down list.

3.Select the Local database from the drop-down list.

4. Type the Username.

5.Type the Password .

The default configuration has 4 user names:

ITR	= Data reader privileges	default password = ITR
ITU	= Data user privileges	default password = ITU
ITA	= Data administrator privileges	default password = ITA
dba	= Database administrator privileges	default password = sql

It is highly recommended to change dba username. See further instructions in section 5.2.

6.If you need to use different username and password for local database enable check box **Different username and password for local database**.

7.If you like to recover previously saved database (backup), click Recover DB button*)8.Click Login button

*) see further instruction on database recovery on section 5.3 Options>Backup.

1.4 Login with different username and password in local and main database

To login with different username and password in local and main database:

🤏 InnovaTint LAB - Log	gin 🔹 💌
CPS	COLOR [™] any colour you see
Language:	InnovaTint-LAB_uni.qm 🔹
Main database:	s6Main
Local database:	s6local
Username:	2
Password:	
3 Different userna	me and password for local database
Local username:	
Local password:	
Recover DB	B Login 5

- 1.Select the Language, the Main database and the Local database.
- 2.Enter the Username and the Password for the Main database.

3. Enable the Different username and password for local database check box.

4. Enter the Username and the Password for the Local database.

5.Click the Login button.

1.5 Database overview

On **Database overview** page, you can view colorants, products, and color cards in whole database. In this page you cannot make any changes to database, but you can get an overview of all components in whole database. This is most useful function, when you have multiple systems in your database.

This page has 3 tab pages: Colorants, Products, and Color Cards.

None		Database	overview
Database overview	Colorants (16)	Products (44) Oclor Cards (3)	
Configuration	Code	1000	3 Used in formulas
Management & Analysis	FT	No	978
	KS	No	521
Options	LS	No	552
Services & Replication	LT	No	480
	MM	No	372
	MS	No	306
	MT	No No	626
	PT	No No	246
	RS	No	409
	RT	No	1909
	ST ST	No No	0
	🔳 тт	No No	2078
	US	No	345
	VT	🔴 No	975
	ХТ	No	732
	ZT	No No	383

1.Select **system as None** from drop down menu (None is default when you open InnovaTint software, and all components in database is shown)

2.Click Database overview button on left side navigation area.

3. Click headers on tab pages to navigate between Colorants, Products, and Color cards views.

1.6 Select existing system

/stem Self 1	System	overview
2401	System name: Monicolor 2401	🖋 Edit System) 🏶 Delete System
Contiguration Colorants (16)	oducts (9) 🛛 🔵 Color Cards (2)	
ing & Characterization	Characterized	Used in formulas
FT FT	Yes	375
nagement & Analysis	Yes	310
Options Is	Yes	116
rvices & Replication	Yes	279
	Yes	48
Network server setup	Yes	59
😸 User management	Yes	350
Backup PT	🔵 Yes	208
Replication R5	Yes	348
RT	Yes	1428
ST ST	Yes	302
П	Yes	1394
us	Yes	385
VT	🔵 Yes	472
XT	Yes	287
ZT	Yes	172

1.Select **system** from drop down menu.

1.7 Create new system

If you need to make smaller entity of whole database, you can create new system. This can be done in any page of the program.

🤒 s6main, s6local - Innov	(Workgroup Edition) v1.1.20	112.7.20	
System Select. 1		System over	rview
System overview		System name: Monicolor 2401	🖋 Edit System 🏽 🇱 Delete System
Configuration	Colorants (16) Products		
Matching & Characterization	Code FT	Characterized Ves	Used in formulas
Management & Analysis	KS	Yes	310
Options	LS	Yes	116
Services & Replication	L T	Add system	279
	MM	System name:	48
Network server setup	MS		59
liser management	MT	🗹 Ok 🖉 Cancel	350
Backup	PT		208
Replication	RS	Yes	348
	RT	Yes	1428
	ST ST	Yes	302
	Π	Yes	1394
	US	Yes	385
	VT	Yes	472
	XT	Yes	287
	ZT	Yes	172

1.Select <new> from drop down menu

2.Enter name for new system

1.8 Delete existing system

s6main, s6local - InnovaTint	roup Edition) v1.*	1.2012.7.20	
System Selection		System o	overview 2
😽 System overview		System name: Monicolor 2401	Celt System
Configuration	Colorants (16)	ucts (9) 🕒 Color Cards (2)	
Matching & Characterization	Code	Characterized	Used in formulas
Management & Analysis	FT KS	Yes Yes	375
Options	LS	Yes	116
Services & Replication	I IT	Ves	279
	MM	Yes	48
Network server setup	MS	Yes	59
💩 User management	MT	Yes	350
Backup	PT	Yes	208
Replication	RS	Yes	348
	RT	Yes	1428
	ST ST	Yes	302
	Π Π	Yes	1394
	US	Yes	385
	TV 📕	🔵 Yes	472
	XT	Yes	287
	ZT	Yes	172

1.Select system from drop down menu

2.Click Delete System button

1.9 System overview

On System Overview page, you can view colorants, products, and color cards in system. In this page you cannot make any changes to system, but you can change system name and delete the whole system by clicking **Edit System** or **Delete System** buttons. You can also see if system configuration is done properly from "traffic lights" on right hand side or the page.

sómain, sólocal - Innoval System Selection Monicolor 2401 System overview Configuration	Stem selecti	System of System name: Monicolor 2401	Verview	
Management & Analysis	Code	Characterized	3 Used in formulas	
	FT	No No	978	
Options	KS	No	521	
Services & Replication	LS	No	552	
	🔳 цт	No	480	
	MM	No	372	
	MS	No No	306	
	MT	No	626	
	PT	No	246	
	RS	No	409	
	RT	No No	1909	
	ST	No	0	
	ТТ 🔳	No	2078	
	US	No	345	
	т и	No	975	
	ХТ	No	732	
	7T	A No.	383	

1.Select system from drop down menu.

2.Click the System overview button.

3.Click the **headers** on tab pages to navigate between the Colorants, Products, and Color cards views.

In **Characterized** column Green Traffic lights symbol indicates if item is characterized into the database.

In **Used in formulas** column you can see in how many formulas are any specific colorant or product used. This information is helpful when deciding to delete any colorant or product from system. With this information, you know how many formulations you need to rematch with other colorants or products, in such case.

In **Color cards** section, you can see how many colors are in any specific color card and how many of those have been measured into to the database.

2 Configuration

To make the configuration to the selected system, click the **Configuration** button on the navigation area on the left hand side navigation area. Below this level, you will find the configuration pages for colorants, can sizes, abstract bases, units, and products, as well as the color management page.

System Selection	
Monicolor 2401 💌	
System overview	Confiquration
Configuration	
Colorants	
Can sizes	
Abstract bases	
Units	
Products	
Color management	
Matching & Characterization]
Management & Analysis]
Options]
Services & Replication]

You can see characterization status for the components with the traffic lights: green meaning characterization done. Traffic lights are not in use when the whole database is selected, i.e. system as "None".

2.1 Colorants

2.1.1 Add a new colorant

System Selection	Colorants	Selected color-	ant template			E (#)	
Monicolor 2401	Filter by system:		~	Filter by Colora			zes
System overview	Colorant	RGB	SG (kg/l)	VOC (g / l)	Use in system	Can size code	In use
Configuration	FT FT		1.34	0		0,11	
	KS		1.31	0		0,251	
Colorants	LS		1.39	0		0,51	
an sizes	🔳 цт		1.45	0		11	
t bases	мм		1.17	0		41	
olorants				9		51	
succession of the second	2	3	4	5	6	101	
witicts	PT PT		1.3	0	and a property of	201	
Color management	RS		1.26	0			
Matching & Characterization	RT RT		1.8	0			
Management & Analysis	ST		1.68	0			
	Π		1.35	0			
Options	US		1.25	0		SAdd new can size	
Services & Replication	VT		1.85	0		Can barcodes	
	TX 🗌		2.1	0		123456	
	ZT		1.28	0			
		1					

To add a new colorant, navigate into the **Configuration ⇔ Colorants** page.

1.Click on the Add row button Add row

2.Select the **Colorant** column on the empty row and enter the name of the colorant.

3. Click the RGB column to select the color symbol to be shown on the screen.

4.Enter the **Specific gravity** of the colorant to the Specific gravity column. The unit of measure is kg/litre.

5.Enter the **Solvent content** of the colorant to the VOC column. The unit of measure is g/litre.

6.Click the check box in the Use in system column.

2.1.2 Select a can size for the colorant

To select a can size to be used with the colorant, navigate into the **Configuration** \Rightarrow **Colorants** page.

System Selection	Colorants	Selected colora	nt template			3 🗯	
Monicolor 2401	Filter by system:		~	Filter by Colorar	nt code:	Selected colorant can s	izes
System overview	Colorant	RGB	5G (kg/l)	¥0C (g / l)	Use in system	Can size code	In use
Configuration	FT		1.34	0		0,251	
	KS		1.31	0			
Colorants	LS		1.39	0		0,51	
a sizes	🔳 LT		1.45	0			
t bases	MM		1.17	0		41	
olorants	MS		1.4	0		51	
45	MT		1.35	0		10	
	рт		1.3	0		201	
Color management	RS 1		1.26	0			
Matching & Characterization	🔲 RT 🦯		1.8	0	v		
Management & Analysis	ST ST		1.68	0			
	Π		1.35	0			
Options	📃 US		1.25	0		🐳 Add new can size	j .
Services & Replication	VT		1.85	0		Can barcodes	
	XT		2.1	0			
	ZT		1.28	0			

1.Select the Colorant by clicking colorant name

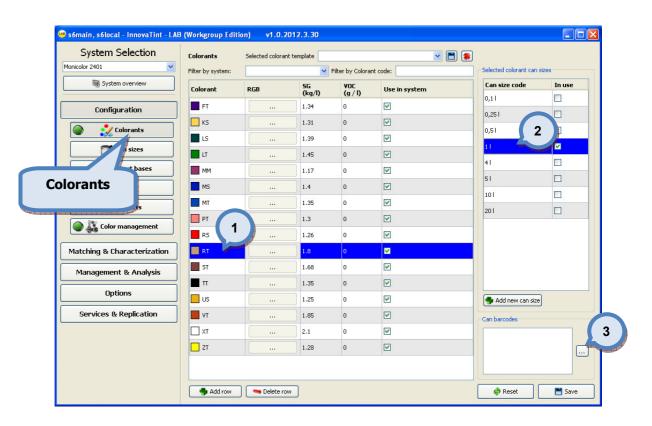
2. Enable the check box In use on each can size you wish to use

Note: Can sizes have to be defined for each colorant separately.

Note: If you need to create new can sizes or bar codes, follow instructions on Can sizes and Bar code sections.

2.1.3 Set a bar code for the colorant can

To set a bar code for the colorant can, navigate to the **Configuration** \Rightarrow **Colorants** page.



1.Select a Colorant by clicking the colorant name

2.Select a Can size by clicking the can size code

3.Click a **...** button.

Colorant barcodes
Colorant barcodes
Barcode
5
4 Add row presidente row Cancel C CK
4.Click the Add row button to add new row to the table.
5.Enter Bar code to the empty row.
6.Click OK button.

Note: Can sizes have to be defined for each colorant separately.

Note: If you need to create new can sizes or bar codes, or delete those, follow the instructions on Can sizes and Bar code sections.

2.1.4 Delete a colorant

System Selection	Colorants	Selected colorar	nt template		v [3 😹
Monicolor 2401	Filter by system:		~	Selected colorant can sizes		
System overview	Colorant	RGB	SG (kg/l)	¥0C (g / l)	Use in system	Can size code In use
Configuration	FT		1.34	0		0,11
	📃 кs		1.31	0		
Colorants	LS		1.39	0		0,51
an sizes	📕 LT		1.45	0		11 ✓
bases	MM		1.17	0		
Colorants	MS		1.4	0		51
rudicts	MT		1.35	0		101
	рт		1.3	0		201
Color management	RS	1)	1.26	0		
Matching & Characterization	RT		1.8	0		
Management & Analysis	ST		1.68	0		
	Π		1.35	0		
Options	📃 us		1.25	0		SAdd new can size
Services & Replication	т 📕 т		1.85	0		Can barcodes
	XT		2.1	0		
	📃 ZT		1.28	0		
			2			

To delete a colorant, navigate to the **Configuration** \Rightarrow **Colorants** page.

1.Select Colorant by clicking colorant name

2.Click **Delete row** button Selete row

Note: Colorant cannot be deleted if colorant is used in any formula.

2.2 Can sizes

2.2.1 Add a new can size

To add a new can size, navigate to the **Configuration** \Rightarrow **Can sizes** page.

s6main, s6local - InnovaTint - LAE System Selection	Can sizes:	tion) v1.0.2012.	.3.30			
Monicolor 2401	Can size	Gravimetric	Nominal amount	li.		
System overview	0,11		100.0 ml			
	0,251		250.0 ml			
Configuration	0,51		500.0 ml			
Colorants	11		1000.0 ml			
Can sizes	41		4000.0			
Abstra es	51 2 101		50 4			
Can sizes	201		20000.0 ml			
Color management		1				
Matching & Characterization	state Add can size	Delete can size]			
Management & Analysis	Can shapes: Can shape code	Height (mm) Width	(mm) Depth (mm) Tolerar	nce (mm) Rectangular	Punch Shelfdown	Shelfrefpos
Options		reign (niny maar	fund i sobri fund i reise	no (mil) Trottaligadi		
Services & Replication						
	s Add can shap	e 🛛 🤜 Delete can shape]		Re	set 📑 Save

1.Click the Add can size button.

🌗 Add can size

2.Select the **Can size code** column on a empty row and enter the name or the code for a new can size

3.Enter the exact volume of the can to **nominal amount** column.

4.Enable the check box **Gravimetric** if the content of this can in this can size is controlled by weight.

2.2.2 Delete a can size

To delete a can size, navigate to the **Configuration** \Rightarrow **Can sizes** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edit	ion) v1.0.2	012.3.30						
System Selection	Can sizes:								
Monicolor 2401	Can size	Gravimetric	Nominal amou	nt					
System overview	0,11		100.0 ml						
	0,251		250.0 ml						
Configuration	_{0,51} 1		500.0 ml						
Colorants	11		1000.0 ml						
Can sizes	41		4000.0 ml						
A Abstra ses	51		5000.0 ml						
ADSUTA DES	10		10000.0 ml						
Can sizes	201		20000.0 ml						
Matching & Characterization	stad an size	🔰 Delete can	2 size						
Management & Analysis	Can shapes: Can shape code	Height (mm) V	/idth (mm) Depth (mm)	Tolerance (mm)	Rectangular	Punch	Shelfdown	Shelfrefpo	e
Options	Car shape code	noight (niny 1	addr (niny - Dopar (niny	Toler dirice (miny	Roccangalar	- Grieff	Shordown	Showerpo	
Services & Replication									
	Add can shape	e) 🤜 Delete can :					Ø Re:		💾 Save

1.Select a can size by clicking the can size name or the code.

2.Click the Delete can size button.

2.2.3 Add a new can shape

To add a new can shape for the can size, navigate to the **Configuration** \Rightarrow **Can sizes** page.

🤒 s6main, s6local - InnovaTint - L/	AB (Workgroup Ed	ition) v1.0	.2012.3.30							
System Selection	Can sizes:									
Monicolor 2401	Can size	Gravimetr	ic N	ominal amour	ıt					
System overview	0,11		1	00.0 ml						
	0,251		2	50.0 ml						
Configuration	0,51		5	00.0 ml						
Colorants	11		1	000.0 ml						
sizes	4		4	000.0 ml						
	51		5	000.0 ml						
Can sizes 🛛 📃	101		1	0000.0 ml						
	201		2	0000.0 ml						
Products										
Color management										
Matching & Characterization	Add can si:	ze 🛛 🤜 Delete i	tan size							
Management & Analysis	Can shapes:									
	Can shape co	le Height (mm)	Width (mm)	Depth (mm)	Tolerance (mm)	Rectangular	Punch	Shelfdown	Shelfrefpos	
Options										
Services & Replication							Y			
· · · · ·	3	4	5	6	7 8	9		10	11)
		North Colorest	Summer Party of the State	And the local division of the local division			to all of the local division of the local di	Not her part of the local division of the lo	Non-Long and party lines.	
		2								
		2								
	Add can sha	pe						🙆 Re		💾 Save

1.Select a Can size by clicking the can size name or the code.

2.Click the Add can shape button. I Add can shape

3.Select a **Can shape code** column on the empty row and enter the name or the code for a new can shape.

4.Enter the height of the can to **Height** column.

5. Enter the width of the can to Width column.

6.Enter the depth of the can to **Depth** column.

7. Enter the tolerance of the can to **Tolerance** column.

8. When the check box **Rectangular** is enabled, the can shape is a box-like paint can.

9.When the check box **Punch** is enabled automatic puncher is enabled for this can shape. The puncher is used to create a hole to the lid of the paint can, so that colorants can be dispensed through the hole without opening the paint can.

10.When the check box **Shelfdown** is enabled shelf down procedure is enabled for this can shape. This procedure will lower the shelf to the lowest point after dispensing.

11.When the check box **Shelfrefpos** is enabled shelf reference position procedure is enabled for this can shape. The shelf reference position can be used to set a custom shelf height.

2.2.4 Delete a can shape

System Selection	Can sizes:									_
Monicolor 2401	Can size	Gravimeti		Iominal amour	nt					
System overview	0,11		1	00.0 ml						
	0,251		2	50.0 ml						
Configuration	0,51		5	00.0 ml						
Colorants	11		1	000.0 ml						
sizes	41		4	000.0 ml						
	51		5	000.0 ml						
Can sizes 🛛 📃	101	101		0000.0 ml						
	201	201		0000.0 ml						
Color management	Add can size	e 🛛 🤜 Delete	can size							
	Add can size Can shapes: Can shape cod		can size Width (mm)	Depth (mm)	Tolerance (mm)	Rectangular	Punch	Shelfdown	Shelfrefpos	
Matching & Characterization	Can shapes:			Depth (mm)	Tolerance (mm)	Rectangular	Punch	Shelfdown	Shelfrefpos	
Matching & Characterization Management & Analysis	Can shapes:			Depth (mm) 15	Tolerance (mm)		1			

To delete a can shape for the can size, navigate to the **Configuration** \Rightarrow **Can sizes** page.

1.Select a **can size** by clicking the can size name or the code (or any part of that row).

2.Select a can shape by clicking the can shape name or the code (or any part of that row).

3.Click Delete can shape button Delete can shape

2.3 Abstract bases

2.3.1 Add a new abstract base

To add a new abstract base, navigate to the **Configuration ⇒ Abstract bases** page.

🤓 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.0.2012.3.3	0		
System Selection	Abstract bases				
Monicolor 2401	Abstract base code	Used in products	Used in formulas		
System overview	A	4	636		
	АА	4	1006		
Configuration	В	4	115		
Colorants	c	8	321		
Can sizes					
Abstract bases		2			
Units					
Abstract bases					
Management & Analysis					
Options					
Services & Replication					
		1			
	📥 Add row 🦻	🤜 Delete rov	M	💠 Rese	t 📑 Save

1.Click the Add row button.

2.Select a **Abstract base code** column on a empty row and enter the name or code for the new abstract base.

Note: This procedure only creates a name or the code for the new abstract base. To make a new abstract base fully functional the characterization procedure has to be done for the new abstract base. Please follow abstract base characterization instruction on section 3.

2.3.2 Delete an abstract base

To delete a abstract base, navigate to the **Configuration** \Rightarrow **Abstract bases** page.

System Selection	AB (Workgroup Edition)			
1onicolor 2401	_	Used in products	Used in formulas	
🖏 System overview			636	
	ΑΑ /	1	1006	
Configuration	B	and a state of the	115	
Colorants	C	8	321	
Can sizes	1 L			
Abstract bases				
M HDSCIGCE DUSCS				
tract bases]			
Matching & Characterization				
Management & Analysis				
Options				
Services & Replication				
			2	

1.Select a abstract base by clicking the abstract base name or any part of the row.

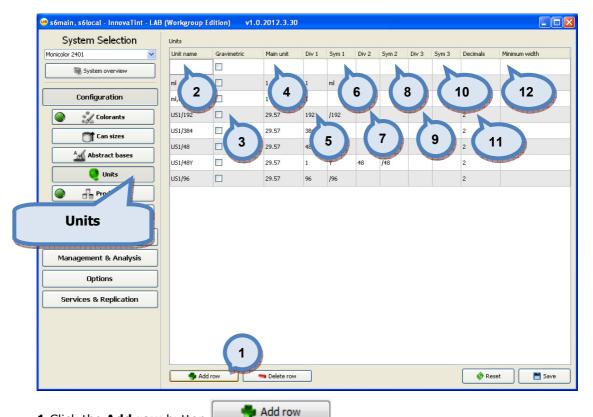
2.Click the Delete row button.

Note: The abstract base cannot be deleted if the abstract base is used in any of the products.

2.4 Units

2.4.1 Add a new unit

To add a new unit, navigate to the **Configuration** \Rightarrow **Units** page.



1.Click the Add row button

2.Select the Unit name column on a empty row and the enter name or the code for the new unit.

3.Click on the check box **Gravimetric** if the base paint in this can size is controlled weight.

4.Enter the Main unit.

5.Enter the number to be used in 1^{st} division in the **Div 1** column.

6.Enter the symbol for 1^{st} division to the **Sym 1** column.

7.Enter the number to be used in 2^{nd} division in the **Div 2** column.

8.Enter the symbol for 2nd division to the **Sym 2** column (must be multiple of previous).

9.Enter number to be used in 3^{rd} division in the **Div 3** column.

10.Enter symbol for 3rd division to the **Sym 3** column (must be multiple of previous).

11.Enter the **number of decimals** to be shown on the screen on the Decimals column.

12.Enter the minimum number of numbers show on the screen Minimum width column.

2.4.2 Delete a unit

Ionicolor 2401			1		let e	1	Let e	1		1		
	~	Unit name	Gravimetric	Main unit	Div 1	Sym 1	Div 2	Sym 2	Div 3	Sym 3	Decimals	Minimum width
🍓 System overview												
		ml		1	1	ml					2	
Configuration		ml,0000		1	1						4	
Colorants		U51/192		29.57	192	/192					2	
Can sizes		U51/384		29.57	384	/384					2	
	\exists	US1/48	1	29.57	48	/48					2	
Abstract bases		U51/48Y	State of the state	29.57	1	Y	48	/48			2	
🔮 Units		US1/96		29.57	96	/96					2	
Products												
Units												
Management & Analys												
Options												
Services & Replication	۱											

To delete a unit, navigate to the **Configuration** \Rightarrow **Units** page.

1.Select the **Unit** by clicking the unit name.

2.Click the Delete row button.

2.5 Products

2.5.1 Add a new product

To add a new product, navigate to the **Product** tab page of the **Configuration** \Rightarrow **Products** page.

s6main, s6local - InnovaTint - L/	\B (Personal Editi	on) v1.1.2012.8.2	3_nightly		
System Selection	Product Pr	oduct details			
Monicolor 2401				1-0.00	
	Product	Characterized 401 AABC Yes	Number of formulas 929	System Monicolor 2401	
System overview	Exterior 2		929 927	Monicolor 2401 Monicolor 2401	
		101 AABC Ves	927	Monicolor 2401 Monicolor 2401	
Configuration		101 AAC Ves	928	Monicolor 2401	
Colorants					
Can sizes					
Abstract bases					
Units					
Products					
Color management					
Products					
	J				
Options					
Services & Replication]				
		1			
		and the second			
	New Pr	oduct	uct 🗱 Delete Product(s)) (🔹 Reset 📄 Save
				i l	

	🕞 New Product
1. Click the New product button.	

The new product window opens up.

🤒 New product	2	
Product Name	2	
	3	
System:	Monicolor 2401	4
Paint coverage	m² 🗘 - m² 📚	-
VOC limit	0,00 g / l	5
6 Info pa	Over fill 7	
Primer product		0
Primer colour card		and the local division of
Clone Product	Exterior 2401 AABC	
📃 Clone also produ	uct formulas 12	
Clone Character		
	To 13 Cancel	

2. Enter the product name into the **Product Name** text field (the product name must be unique).

3.Select the System from the dropdown list.

4.Enter the lower and the upper limit for the **paint coverage.** The unit of the measure is litre/m2.

5.Enter the **VOC** limit. The unit of the measure is grams/litre.

6.Enable the check box **Over fill** to determine if the total amount of paint and colorant can exceed the nominal amount of the paint can.

7.Enter the file name and the path for the **Info page** for additional information. This can be either local file, or web-based content. This page is shown at the POS software when this product is used.

8.Enable the **This is primer product**, if the product you are now creating is the primer product.

9.Select the **Primer** product to be used from the drop down list (optional: only if the primer is needed).

10.Select the **Color card** to be used with the primer product (optional: only if the primer is needed).

11.If you like to use same settings as other product, enable the check box **Clone product** and select a product from the drop down list to copy properties into this new product you are creating.

When the **Clone product** check box is enabled, two further options are available:

12.Enable the check box **Clone also product formulas** if you need to copy also the formulas of the product you are copying.

13.Enable the check box **Clone Characterization data** if you need to copy also the characterization data of the product you are copying.

To add the base paints to the product, proceed in to the section: **To add new base.**

2.5.2 Copy an existing product details into a new product

To copy a product details into a new product, navigate to the **Product** tab page of the **Configuration** \Rightarrow **Products** page.

🤒 s6main, s6local - InnovaTint - LAB	3 (Personal Edition) v1.1	.2012.8.23_nightly		
System Selection	Product Product details			
Monicolor 2401	Product ^ Char	racterized Number of formulas	System	
System overview	Exterior 2401 AABC		Monicolor 2401	
	🕀 Exterior 2401 AAC 🌘	Yes 927	Monicolor 2401	
Configuration	Interior 2401 AABC Interior 2401 AABC	Yes 928 Yes 928	Monicolor 2401 Monicolor 2401	
connguration				
Colorants	1	1		
Can sizes		- AND		
Abstract bases				
Units				
Products				
Color management				
Products 💼				
Options				
Services & Replication				
		2		
		and a state of the		
	New Product	Clone product	3	Reset 📑 Save
	New Product	Clone product	»]	Save

1.Select the **Product** from the dropdown list or use CTRL + left mouse button to select multiple products.

📄 Clone product

2.Click the Clone product button.

The new product window opens up.

🤒 New product	<u> </u>	
Product Name	Interior 2401 AAC	
	Product name is already in use	
System:	Monicolor 2401	
Paint coverage	m² 🗘 - m² 🗘	
VOC limit	0,00 g / l 🗘	
	Over fill	
Info page		4
	This is primer product	
Primer product	✓	
Primer colour card	~	
🗹 Clone Product	Interior 2401	V
🔲 Clone also prod	uct formulas	
🔲 Clone Characte		
	Cancel	

3.Change the **Product Name** in the text field (as the product name must be unique).

4. Make needed changes into any of the items.

5.Enable the check box **Clone also product formulas** if you need to copy also the formulas of the product you are copying.

6.Enable the check box **Clone Characterization data** if you need to copy also the characterization data of the product you are copying.

2.5.3 Delete a product

🤓 s6main, s6local - InnovaTint - LAB	(Personal Edition) v1.1.2012.8.2	3_nightly		
System Selection	Product Product details			
Monicolor 2401	Product Characterized	Number of formulas	System	
System overview	😟 Exterior 2401 AABC 🥥 Yes	929	Monicolor 2401	
	Exterior 2401 AAC Yes Interior 2401 AABC Yes	927 928	Monicolor 2401 Monicolor 2401	
Configuration	Interior 2401 AAC Yes	928	Monicolor 2401	
Colorants				
Can sizes				
Abstract bases				
Units				
Products				
Color management				
Products				
Options				
Services & Replication				
		2		
		and a second		
	New Product	uct (\$ Delete Product(s)		Reset 📄 📑 Save
				Sect Jave

To delete a product, navigate to the **Product** tab page of the **Configuration ⇒Products** page.

1.Select the **Product** from the dropdown list or use CTRL + left mouse button to select multiple products.

2.Click the Delete product(s) button.



2.5.4 Add a new base paint

System Selection	Product Product	details			
Monicolor 2401 💌	Product: Interio	r 2401 ABC	~	New Product	Selit Product
🖏 System overview	Product: Interio	T 2TOT ADC		P New Product	
	Base paints				Selected base paint can sizes
Configuration	Base Abstract base	SG VOC Max fill (kg/l) (g / l)	Min fill Nominal fill	Top off Multiply	Can Shape
Colorants	A A	1 10 00 %	90,00 %	1	
🗂 Can sizes		1 10	97	1	
Abstract bases	2	3 4 5	8 7 8	9	0
Units					
Products		1			
Color management	📥 Add row			🛛 🤜 Delete row	
	Product details				
Products	Blended base:	A	¥		
ĥ	System:	Monicolor 2401	*		
and the second se	Paint coverage:	m²/1 🗢 -	m² / 1 🗘		
Options	VOC limit:	g/l 📚			🜗 Add new can size
Services & Replication		Over fill			Can barcodes
Services & Replication	Info page:			Open	
		This is primer product			
	Primer product:		~		
	Primer color card:		~		
	Modification date:	7/26/2012 4:49:22 PM			🗞 Reset 📄 Save

To add a new base paint into a product, navigate to the **Product details** tab page of the **Configuration** \Rightarrow **Products** page.

1.Click the **Add row** button.

🌗 Add row

2.Select the **Base** column on the empty row and enter the name or the code of the new base.

3.Select the abstract base to be linked into this base paint from the drop down list in the **Abstract base** column.

4.Enter the density of the base paint into the SG column. The unit of the measure is kg/litre.

5.Enter the VOC of the base paint into the **VOC** column. The unit of the measure is grams/litre.

6.Enter the maximum filling level of the base paint in to the **Max fill** column. The unit of the measure is percentage of the total volume of the paint can.

7.Enter the minimum filling level of the base paint in to the **Min fill** column. The unit of the measure is percentage of the total volume of the paint can.

8.Enter the nominal filling level of the base paint in to the **Nominal fill** column. The unit of the measure is percentage of the total volume of the paint can.

9.Enable the **Top off** check box if the total amount of the base paint and the colorants should always be equal to Max fill value.

10.Enter the multiplier number into the **Multiply** column. With this number the base paint volume is multiplied when making the color matching.

Note: Next you can set used can sizes for the base paint.

s6main, s6local - InnovaTint - LAB	(Workgrou	p Edition)	v1.1	.2012.7	.20							
System Selection	Product	Product de	tails									
Monicolor 2401	Produc	t: Interior:	2401 ABC				~	💽 💽 Nev	/ Product	n Edit Produc	t 🌋	Delete Product
System overview	-Base pa	inte								Selected by	ase paint car	n sizes
Configuration	Base	Abstract	SG (kg/l)	VOC (g/l)	Max fill	Min fill	Nominal fill	Top off	Multiply		Can Shap	
Colorants	A	A	1	(9/1)	10.00 %		90.00 %		1	Can size	code	In use
Can sizes	в	5	1		10.00 %		90.00 %		1	0,251		
Abstract bases	с	1	1		10.00 %		90.00 %		1	11		
		Constant of the								41		⊻ 2
Units										0,11		2
Products		Add row										
Color management									- Delete Tur	51		
Aatching & Characterization	Product		A				~			201		
	System		Monicolor	2401			~					
Management & Analysis	Paint co	verage:		m² /	- 🗘		m² / 1 🗘					
Options	VOC lim				1 🗘						Add new o	an size
Services & Replication			Over f	ill						Can barcoo	les	
	Info pa	ge:	This is	primer pro	aduct				Open	223311		
	Primer p	product:	111515	primer pro	nuull		*					
	Primer o	olor card:					~					
	Modifica	ation date:	7/26/201	2 4:49:22	PM					🔷 Res	;et	💾 Save

1.Select the **base** paint by clicking the name of the base paint, or any part of the row.

2.Select the used can size(s) by enabling the In use check box.

Note: You can add new can sizes by clicking the Add new can size button, or by following the procedure in the section: Add new can size.

2.5.5 Add a new bar code for base paint can

To add a new bar code for the base paint can, navigate to the **Product details** tab page of the **Configuration** \Rightarrow **Products** page.

System Selection	Product	Product de	etails								
Monicolor 2401	Produc	t: Interior	2401 ABC				~	庨 New	Product	🖋 Edit Product	🇯 Delete Product
all pystelli overview	-Base pa	ints								Selected base pair	it can sizes
Configuration	Base	Abstract base	SG	VOC (g / l)	Max fill	Min fill	Nominal fill	Top off	Multiply	Can	Shape
Colorants	Δ	Dase	(Kg/I)	(g/l)	10.00 %		90.00 %		1	Can size code	In use
	в	в	·		10.00 %		90.00 %		1	0,251	✓
Can sizes	c	c	1)	-	10.00 %	-	90.00 %		1	11	
Abstract bases	-		the state of the s		10,000 10		50100 10		-	41	2
Units										101	
Products										0,11	
Color management		Add row							🛪 Delete row	0,51	
	Product	details								51	
Duradurate	🔲 Bler	nded base:	A				~			201	
Products	System	:	Monicolor	2401			*				
		verage:			-		m² / 😂				
Options	VOC lim			g/I	*						new can size
Services & Replication	Info pa		Over f	ill					Open	Can barcodes	
	niopa		This is	primer pro	duct				Open	223311	
	Primer p	product:					~				
	Primer of	olor card:					~				
	Modifica	ation date:	7/26/201	2 4:49:22	PM					Reset	Save

Select the **base** paint by clicking the name of the base paint, or any part of the row.
 Select the **can size** by clicking the name of the can size.

3.Click the **...** button.

Colorant barcodes
Colorant barcodes
Barcode
5
4 Add row Delete row Cancel C CK
4.Click the Add row button to add new row to the table.
5.Enter Bar code to the empty row.
6.Click OK button.

2.5.6 Add a new blended base

To add a new blended base paint into a product, navigate to the **Product details** tab page of the **Configuration** \Rightarrow **Products** page.

	System Selection	Product	Product de	tails						1	AN AN AN		
ľ	1onicolor 2401	Produc	Blended					~	New	Product		Edit Product	🌋 Delete Produ
	🖏 System overview										_		
-		Base pa	nts									Selected base pain	t can sizes
L	Configuration	Base	Abstract base	SG (kg/l)	VOC (g / l)	Max fill	Min fill	Nominal fill	Top off	Multiply		Can	Shape
	Colorants	A	A	2									
	Can sizes	BLEND	BL	1									
	Abstract bases	C	с	1									
	Units			2									
	Products												
	Color management	-	Add row 🏓	polaria.				3		🛪 Delete row	-		
	- continuingement	Product	details										
	Products			BLEND			ø						
		System		Monicolor	2401			~					
	2	Paint co	verage:		m²/	\$ -		m²/1 🗘					
	Options	VOC lim	t:		g/	\$						👘 Add n	ew can size
r				Over f								Can barcodes	
L	Services & Replication	Info pa	le:							Open			
				🗌 This is	primer pro	duct							
		Primer n	roduct:					~					Ŀ
			olor card:					~					

1.Create a new product as described in the section: Add a new product

 ${\bf 2.} Create base paints as described in the section: Add a new base paint. Note: the blended base paint should have density (SG) as 1. The real base paints should have the real densities.$

3.Enable check box Blended base, and select a blended base from the drop down field.

2.5.7 Delete a base paint

To add a new base paint into a product, navigate to the **Product details** tab page of the **Configuration** \Rightarrow **Products** page.

System Selection	Product	Product de	etails								
Monicolor 2401	Produc	t: Interior:	2401 ABC				*	New	Product	🖋 Edit Product	🖀 Delete Prod
🗃 System overview										-	
	Base pa									Selected base pa	
Configuration	Base	Abstract base	5G (kg/l)	VOC (g / l)	Max fill	Min fill	Nominal fill	Top off	Multiply		n Shape
Colorants	A	A	1		10.00 %		90.00 %		1	Can size code	
Can sizes	в	в	1		10.00 %		90.00 %		1	0,251	
Add Abstract bases	с	с	1	1	0.00 %		90.00 %		1	11	
				-	S.F.					41	
Units										2	
Products										A I	
Color management		Add row							🖷 Delete ro	0,51	
	Product	details								51	
Products	🔲 Blen	ded base:	A				v			201	
	System:		Monicolor	2401			~				
	Paint co	verage:		m² /	\$ -		m² / I 💲				
Options	VOC limi			g/	\$					Sector Add	new can size
Services & Replication			Over f	ill						Can barcodes -	
	Info pag								Open	223311	
	Duinen		This is	primer pro	duct						1
	Primer p	olor card:					*				
				2 4:49:22							

1.Select the **base paint** by clicking the base name or any part of the row.

2.Click the Delete row button.

2.5.8 Set a mixing cycle for a paint can

To set a mixing cycle for the base paint can, navigate to the **Product details** tab page of the **Configuration** \Rightarrow **Products** page.

System Selection	Product Product	details							
Monicolor 2401	Product: Interio	r 2401 ABC			~	💊 New	Product	🖋 Edit Product 🔰	😫 Delete F
System overview	Base paints							Selected base paint of	an sizes
Configuration	Base Abstract	SG VOC (kg/l) (g / l)	Max fill	Min fill	Nominal fill	Top off	Multiply	Can Sh	ape
Colorants	A A	(kg/i) (g / i)	10.00 %		90.00 %		1	Can size code	In use
	вв		10.00 %		90.00 %		1	0,251	
Can sizes	c c	1	10.00 %		90.00 %		1	11	
Abstract bases			10.00 %		90.00 %		1	41	
Units								101	
Products								0,11	
Color management	😽 Add row]					Solete row	0,51	
color management	Product details							51	
	Blended base:	A			~			201	
Products	System:	Monicolor 2401			~				
	Paint coverage:	m² /	-	r	m² / l 😂				
Options	VOC limit:	g/	•					SAdd nev	/ can size
Services & Replication		Over fill						Can barcodes	
	Info page:						Open	223311	
		This is primer pro	duct						
	Primer product:				~				
	Primer color card:				~				
	Modification date:	7/26/2012 4:49:22	PM					🛷 Reset	💾 Save

1.Select the **base paint** by clicking the base name or any part of the row.

2.Click the Can shape button .

Can Shape	

Set product can size and shape window opens up.

🤒 Set product can :	size and sha	pe		No. of Concession, Name	? ×
Can sizes:			Can shapes:		4
Can size code	In use	Mixing	Can shape code	Selected	
0,25 1		3	Pottle		ST. St
0,5 1			Box		
11		2			
41					
51					
10					
20 1					
Add can size			Add can shape	Cancel	Save
			· · ·		

3.Enter the number of mixing cycles into the **Mixing** column.

Note: Mixing cycle for each base paint and can size has to be set separately.

2.6 Color cards

2.6.1 Set the color card to be used in a system

To set a color card to be used in a system, select **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards in system** page.

🥶 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.0.2012.3.30			
System Selection	Color cards in system				
Monicolor 2401	Colour card template:			E	
System overview	Filter:				
	Color card name	Measured	Number of colors	2 Use in system	
Configuration	Monicolor Nova 720	728	728		
Colorants	NEW	0	5		
Can sizes				(1)	
Abstract bases					
Units					
Products					
Color management					
Color cards in system					
Color ds					
Color cards in					
system					
Options					
Services & Replication				Reset	📕 Save

1.Enable the check box Use in system.

Note: You can use **Filter** field to search a color card by typing the name or the part of the name into to the filter field (2).

2.6.2 Remove the color card from the system

To set a color card to be used in a system, select Configuration \Rightarrow Color management \Rightarrow Color cards in system

estem Selection System Selection	Color cards in system	1.0.2012.3.30			
	Colour card template:				
	Filter:				
System overview	Color card name	Measured	Number of colors	2 Use in system	
Configuration	Monicolor Nova 720	728	728		•
Colorants	NEW	0	5		
Can sizes	i l			1	
Abstract bases	<u>j</u>			and the second sec	
Units					
Products					
🔵 🤽 Color management					
Color cards in system]				
Color ds					
Color cards in					
system					
Options					
Services & Replication					
services a replication				Reset	M 9

1.Unable the check box Use in system

Note: You can use **Filter** field to search a color card by typing in the name or the part of the name into to the filter field (2).

2.6.3 Add a new color card

To add a new color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards** page.

🤓 s6main, s6local - InnovaTint - LAB	8 (Workgroup Edition)	v1.0.2012.3.30				
System Selection	Color cards	Cold	rs in card		Manual add	~
Monicolor 2401	Card name	Colors in card		Г	L	
System overview	Monicolor Nova 720	728				
Configuration						
Colorants						
Can sizes						
Abstract bases						
Units						
Products						
🔘 🕌 Color management						
Color cards in system						
Color cards						
Mean						
Color cards						
Options	(1)				n Paste	🌋 Clear
Services & Replication						
	Add color card	Delete color card			🔅 Reset	💾 Save



Add color card window opens up.

🥶 Add color card	<u>?</u> ×
Color card name:	2
3 Ok	Cancel

2. Enter the name of the color card into the Color card name text box.

3.Click the **Ok** button.

Note: After this you need to add the colors (the color names) into your color card.

2.6.4 Add a new color code into the color card

To add a new color code into the color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards** page.

Custom Calastian	1	v1.0.2012.3.30	
System Selection	Color cards	Colors in car	 Manual add
Monicolor 2401	Card name	Colors in card	
System overview	Monicolor Nova 720	728	
	NEW	o	
Configuration			3
Colorants			
		1	
Tan sizes		and the state of the	
Abstract bases			
Units			5
Units			- Contractor Pro-
Products			
Color management			
Color cards in system			
Color cards			
Measure			
Colors			
or cards erization			
			4
alysis			
Options			and the second second
			🔊 Paste 🚺
Services & Replication		Delete color card	💩 Reset

1.Select the Color card by clicking the color card name or any part of the row.

2.Select Manual add from the drop down list.

 ${\bf 3.}$ Place the mouse cursor into the text field and enter the color codes by typing the codes manually into this text field

OR

4.Copy-paste the list of codes from the clipboard by clicking the **Paste** button.

5.Click the **Double arrow** color card.



bw button to add the color names in the text field (3) into the

2.6.5 Add an existing color code into the color card

To add an existing color code into the color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards** page.

🥶 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.0.2012.3.	30	
System Selection	Color cards		Colors in card	Manual add
Monicolor 2401	Card name	Colors in card	N1 N2	Manual add
System overview	Monicolor Nova 720	728	N3 N4	All existing
	NEW	0	N5	Not in color card(s)
Configuration				NEW NOVA 720
Colorants	(1)			
an sizes		/		
Abstract bases				
Units				4
Products				
Color management				
Color cards in system				
Color cards				
r cards				
Management & Analysis				
Options				👔 Paste 🛛 🗯 Clear
Services & Replication	🜗 Add color card 🛛 🤜 D	elete color card		🔷 Reset 📄 Save

1.Select the **Color card** by clicking the color card name or any part of the row.

2.Select **All existing, Not in color card(s),** or **any of the existing color cards** from the drop down list. Based on you selection, the corresponding color names are showed on the text field (3).

3.Select one color code by clicking the color code with the left mouse button or select multiple color names by pressing the Crtl key down while selecting the color names with the left mouse button.

4.Click the **Double arrow** (3) into the color card.



button to add the highlighted color names in the text field

2.6.6 Delete a color card

To delete an existing color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards** page.

🤒 s6main, s6local - InnovaTint - LAB	8 (Workgroup Edition) v1	.0.2012.3.30			
System Selection	Color cards	Colors in c	ard	Manual add	~
Monicolor 2401	Card name	Colors in card			
System overview	Monicolor Nova 720	728			
Configuration	NEW	0			
Colorants	1				
Can sizes					
Abstract bases	4000				
Units					
Products					
Color management					
Color cards in system					
Color cards					
Colors					
olor cards					
Options		2			
Services & Replication				🔊 Paste	S Clear
	Add color card	ete color card		🔅 Reset	💾 Save

1.Select the color card from **Color cards** list by clicking the color card name or any part of the row.

2.Click the Delete color card button.

The **Question** window opens up:

😬 Ques	tion 🔀
2	This will delete Color Card "NEW" and all information related to it. Are you sure?
	3 OK Cancel

3.Confirm delete of the color card by clicking **Ok** button

Note: When deleting the color card, also all of the data related to the color card is deleted. This includes all of the color formula with the color codes from this color card.

2.6.7 Delete a color code from the color card

To delete an existing color code from the color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Color cards** page.

	🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Editio	n) v1.0.2012.3.	30			
	System Selection	Color cards		Colors in card		Manual add	~
	Monicolor 2401	Card name	Colors in card	NOVA F016	<u>^</u>		
	System overview	Monicolor Nova 720	728	NOVA F017 NOVA F018			
			720	NOVA F021			
	Configuration	NEW		NOVA F027 NOVA F029			
	Conngeration			NOVA F030			
	Colorants		the second state of the se	NOVA F031 NOVA F032			
				NOVA F032			
	Can sizes			NOVA F037	2		
	A Abstract bases			NOVA F038			
	Abstract bases			NOVA F039 NOVA F043	and a start of the		
	Units			NOVA F044	1 Contraction of the second se		
				NOVA F048			
	Products			NOVA F050 NOVA F052		(3)	
				NOVA F058			
	🔵 🚜 Color management			NOVA F060			
	Color cards in system			NOVA F071 NOVA F072			
	Color calds in system			NOVA F077			
	Color cards			NOVA F079		2	
	Measure			NOVA F081 NOVA F087			
				NOVA F089	4		
.	jolors			NOVA F090		Trank and Party	
COIO	r cards			NOVA F095			
	cterization			NOVA F096 NOVA F097			
	It planter be bed and be bed and a first first set			NOVA F098			
	Management & Analysis			NOVA F099			
				NOVA F100 NOVA F101			
	Options			NOVA F109			
				NOVA F113	×	🔊 Paste	Clear
	Services & Replication	Add color card	🔫 Delete color card			🖉 Re	set 📕 Save

1.Select the color card from **Color cards** list by clicking the color card name or any part of the row.

2.Select one or more of the color codes from the list (2) with the left mouse button (press Crtl button down for multiple selections).

3.Click the **Single arrow** button to remove selected color codes from the color card.

 \triangleright

4. Click the Double arrow button to remove all of the color codes from the color card.

Note: When deleting the color codes from the color card, all of the data related to the color is also deleted. This includes all formula with this color code.

2.7 Measure

2.7.1 Measure an opaque color into the color card

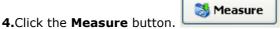
To measure the colors in the color card, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Measure** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.0.2012.3.30		
System Selection	Selected Card (s): Monicolor Nova 720		Color Code:	Chart Table
Monicolor 2401	NEW		N1	Measured color preview
System overview		3	Search Color	
Configuration		and the second sec	🔄 iransiucent sample	1 No preview
Colorants		4	Color name	
Can sizes		the second second	Zone:	R: G: B:
Abstract bases				L*: a*: b*: Arrow b*: Arro
Units				
Products				
🔵 붫 Color management			Add name 🗨 Delete name	
Color cards in system			Measurements:	
Color cards				
Matchin cterization				
Measure				
Services & Replication			Remove measurement	0 -

1.Click the Search color button to show all non-measured colors in the drop down box (2).

2.Select color code from the Color code drop down box.

Note: You can narrow down the list of the color codes in the list (2) by selecting a color card from the list (3).



Note: If the spectrophotometer is not installed, this software will ask you to do so first. Please follow the instructions on the spectrophotometer installation in the section: 5.3.1 Install a spectrophotometer.

Note: If the spectrophotometer is not calibrated, this software will ask you to do so first. Please follow the instructions on the spectrophotometer calibration in the section: 5.3.2 Calibrate a spectrophotometer.

5. Follow the on screen instructions of the measurement process.

2.7.2 Measure a translucent color into the color card

To measure the colors in the color card, navigate into the Configuration \Rightarrow Color management ⇒ Measure page.

🤒 s6main, s6local - InnovaTint - LAB	(Workeroup Edition)	v1.0.2012.3.30	2
System Selection	Selected Card (s):	V1.0.2012.3.30	Color Code: Chart Table
Monicolor 2401	Monicolor Nova 720 NEW		N1 Measured color preview
System overview	NEW	2	W Search Color
Configuration		4	Translucent sample 1 No preview
Colorants		- And	MOVATINT Substrate
Can sizes		5	Vet film thickness: 300 µm 🗘 R: G: B:
Abstract bases			6 a*: b*:
Units			Color name
Products		7	Zone:
Color management			
Color cards in system			
Color cards			Add name Selete name
Measure			Measurements:
			L* a* b*
Measure			
the international and the second s			
Services & Replication			

1. Click the Search color button to show all non-measured colors in the drop down box (2). 🔣 Search Color

2.Select color code from the Color code drop down box.

Note: You can narrow down the list of the color codes in the list (2) by selecting a color card from the list (3).

4. Enable the Translucent sample check box.

5.Select the substrate used in the draw downs from the Selected substrate drop down list

Note: If your substrate is not in the list, you can measure a new substrate by following the instructions on the section: Measure a new substrate.

6.Enter size of the draw down bar used in to the text field Wet film thickness. The unit of measure is µm.



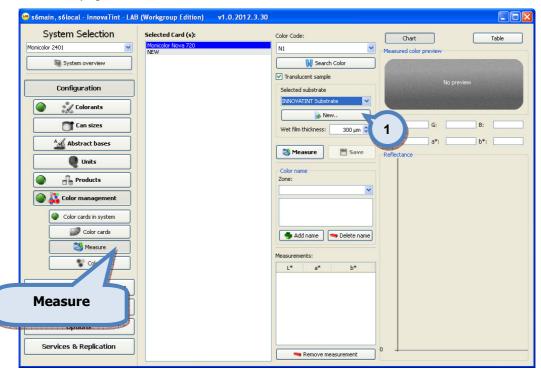
7.Click the Measure button.

Note: If the spectrophotometer is not installed, this software will ask you to do so first. Please follow the instructions on the spectrophotometer installation in the section: 5.3.1 Install a spectrophotometer.

Note: If the spectrophotometer is not calibrated, this software will ask you to do so first. Please follow the instructions on the spectrophotometer calibration in the section: 5.3.2 Calibrate a spectrophotometer.

8. Follow the on screen instructions of the measurement process.

2.7.3 Measure a new substrate



To measure a new substrate, navigate to the **Configuration** \Rightarrow **Color management** \Rightarrow **Measure** page.

1.Click New button	🕞 New
L.CIICK NEW DULLOIT	

The **New substrate** window opens up:

😬 New substrate 🕴 🚺 1	? 🛛
Substrate code:	
Black Image: Second	Preview (Average) No preview
White 3 Measure RW	Preview (Average)
Measurements (D65) L* a* b* Ø	No preview
	Cancel Save

1.Enter the Substrate code.

2.Click the **Measure RB** button to measure over the black substrate.

Note: If the spectrophotometer is not installed, this software will ask you to do so first. Please follow the instructions on the spectrophotometer installation in the section: 5.3.1 Install a spectrophotometer.

Note: If the spectrophotometer is not calibrated, this software will ask you to do so first. Please follow the instructions on the spectrophotometer calibration in the section: 5.3.2 Calibrate a spectrophotometer.

3.Click	the	Measure	RW	button	to	measure	over	the	white	substrate.
	👸 Me	asure RW								

2.8 Colors

You have 2 options for color search: you can either search a color by its code from color card, or you can search closest color from color cards.

2.8.1 Search a color from a color card

To search the colors measured in to the color cards, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

System Selection	Color information Closest co	3	Chart Table
Monicolor 2401	Color card:	Join of the second seco	Color reflectance
System overview	Monicolor Nova 720 4	and the second se	[120.0 _{Б*}
Configuration	Search:	No preview	- 100.0 - 60.0 - 60.0
Colorants	NOVA F015 NOVA F017 NOVA F018		-40.0
Can sizes	NOVA F021 NOVA F027	Set RGB	^{a*} -40.0 -20.0 -20.0 40.0 60.0 8
Abstract bases	NOVA F029 NOVA F030 2 NOVA F031	R: G: B: L*: a*: b*:	-40.0
Units	NOVA F032 NOVA F033	Thickness: 0 µm	
Products	NOVA F037 NOVA F038 NOVA F039	Substrate:	
Color management	NOVA F043 NOVA F044	Spectro:	
Color cards in system	NOVA F048 NOVA F050 NOVA F052	Color names Zone	
Measure	NOVA F058 NOVA F060		
Colors	NOVA F071 NOVA F072 NOVA F077		
Matching & Chara tion	NOVA F079 NOVA F081 NOVA F087	Add name Source Delete name	
Colors	NOVA F089 NOVA F090 NOVA F095	Color barcodes	
	NOVA F096		0 -

1.Click **Color information** button (this is default when entering into this page).

2. Manually search the color code from color list.

OR

3.Select a color card from the **Color card** drop down list and manually search the color code from color list (2).

OR

4.Type in the color code or any part of the code in to the Search text field and manually search the color code from color list (2).

2.8.2 Search a closest color from the color card to match the other color in the color card

To search the closest color from the color card to match the other coor card color, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

🤒 s6main, s6local - InnovaTint - LAI	B (Workgroup Edition)	1.0.2012.3	1
System Selection	Color information	Closest color	Chart Table
Monicolor 2401	Select target color		Color information Color reflectance
System overview		2	
	Card:		= ^{120.0} b*
	Monicolor Nova 720		±100.0
Configuration	Color:	3	80.0
	NOVA F032		- 60.0 - 40.0
Colorants	Measure 1	No. of Concession, Name	
Can sizes	i measuri	·	7,0 = 20.0 20.0 40.0 60.0 8
Lan sizes	Filter results by card:		Color difference
Abstract bases		~	values between
Units	NOVA F032	0.00	the target and the
	NOVA V033	1.86	
Products	NOVA F050	1.92	color card colors.
	NOVA F048	2.14	L*: Married parts and a second parts
🔵 🚜 Color management	NOVA F157	2.28	
	NOVA F162	2.30	Thickness: 0 µm 80
Color cards in system	NOVA P100	2.34	Substrate: -
Color cards	NOVA F027	2.62	Measure date: 3/12/2012 12:10:34 PM 70
	NOVA F039	2.71	
😽 Measure	NOVA F200	2.72	Spectro: 60 -
Colors 🕢	NOVA F037 NOVA G200	2.84	Color difference (dE2000): 1.51 50 -
Colors	NOVA 3200	3.15	
	NOVA F033	3.18	Selected 40 _
Matching & Char tion	NOVA F060	3.33	R: 236 G: 237 B: 230
	NOVA H200	3.38	L*: 93.61 a*: -1.86 b*: 3.65 30 -
Colore	NOVA V039 NOVA V060	3.43 3.48	Thickness: 0 um 20
Colors	NOVA V048	3,52	20 -
	NOVA L200	3.62	Substrate: 10
	NOVA F099	3.64	Measure date: 3/12/2012 12:10:45 PM
Services & Replication	NOVA G032	3.72	
-	NOVA F017	3.77	Spectro: 400 460 520 580 640

1.Click the **Closest color** button.

Closest color

2.Select the color card from the Color card drop down list.

3.Select color code the from Color code drop down list.

4. Colors measured into to the database are displayed on the list.

Note: Your target color is on the first row of the list, with the color difference value of 0.00.

2.8.3 Search a closest color from the color card to match the measured color

To search the closest color from the color card to match the measured color, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

s6main, s6local - InnovaTint - LAR	B (Workgroup Edition) v1.	0.2012.3	1)				
System Selection	Color information Cl	osest color 🍺	and the second se		Chart		Table
Monicolor 2401	Select target color		Color information	Colo	r reflectance		
System overview	Card:						
						120.0 b*	
	Monicolor Nova 720	~				- 100.0	
Configuration	Color:					80.0	
	NOVA F032	~ [2			-60.0	
Colorants	Measure		-	a	*	40.0	
-	Measure	2000	the second second		-40.0 -20.0	20.0	40.0 60.0 80
T Can sizes	Filter results by card:					-	
A Abstract bases	The results by card.	~				-20.0	
Abstract bases		<u> </u>				-40.0	
Units	NOVA F032	0.00 🔺					Target
W onics	NOVA N200	1.51	Target				Selecte
Products	NOVA V033	1.86	R: 229 G: 232 B: 225	100	-		
Froduces	NOVA F050 NOVA F048	1.92					
Color management	NOVA F157	2.28	L*: 91.56 a*: -2.11 b*: 2.81	90	-		
	NOVA F162	2.30	Thickness: 0 µm			-	
Color cards in system	NOVA F168	2.34		80	1~~		~
	NOVA M200	2.37	Substrate: -		Γ		
Color cards	NOVA F027	2.62	Measure date: 3/12/2012 12:10:34 PM	70	1/		
	NOVA F039	2.71	Spectro:	60	11		
🚿 Measure	NOVA F200	2.72	Spectro:	00	1/		
🚼 Colors 📈	NOVA F037	2.93	Color difference (dE2000): 1.51	50			
Colors	NOVA X168	3.15	Selected				
	NOVA F033	3.18		40			
atching & Char	NOVA F060	3.33	R: 236 G: 237 B: 230				
	NOVA H200	3.38	L*: 93.61 a*: -1.86 b*: 3.65	30	-		
	NOVA V039	3,43					
Colors	NOVA V060 NOVA V048	3.48 3.52	Thickness: 0 µm	20	-		
	NOVA V048	3.52	Substrate: -				
	NOVA F099	3.64	Measure date: 3/12/2012 12:10:45 PM	10	1		
Services & Replication	NOVA G032	3.72	measure date: 3/12/2012 12:10:45 PM				
services & Replication	NOVA F017	3.77	Spectro:	0	400 460	520 58	0 640 70
		3 78 🞽			100 400	320 30	0 010 7

1.Click the Closest color button.

Closest color

🚳 Measure

2.Click the **Measure** button to measure your sample.

Measure		? 🗙
3 Calibrate	-Results	Visual (average)
char 22.12.2011	No preview	No preview
Opaque sample		
😽 Sample on White		
Sample on Black		
Wet film thickness: 300 µm ♀ Measurements (D65) L* a* b*		
Spelete measurement	0	
Selete measurement		🖉 Cancel 🦪 🖉 Ok

3.Enable the **Substrate** check box to activate the page options.

0

4.Select **substrate** from the drop down list, or add a new substrate by clicking the Add button. To add a new substrate, follow the instruction in the section 2.7.3 Add a new substate.

5.Enable the **Opaque sample** check box if the drawdown is fully hiding. Otherwise measurement over white and the black substrate is needed.

6.Click the **Sample on White** button **Sample on White** to measure the color over the white section of the drawdown paper.

7.Click the **Sample on Black** button Sample on Black to measure the color over the black section of the drawdown paper. (Only valid for translucent colors, i.e. Opaque sample check box is not enabled).

8.Click Ok button	to return back to the main page to view the results
-------------------	---

2.8.4 Add a new color name for a color code in a color card

To add a new name for the colors measured in color cards, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

System Selection	Color information Closest colo	r	Chart T	able
Monicolor 2401 👻	Color card:	Color information	Color reflectance	
System overview	Monicolor Nova 720			
			^{120.0} ь*	
	Search:		100.0	
Configuration			- 80.0	
	NOVA F016		F60.0	
Colorants	NOVA F017		F40.0	
Colorances	NOVA F018			
	NOVA F021		a* -40.0 -20.0 20.0 40.0 6	0.0
T Can sizes	NOVA F027	Set RGB		-
	NOVA F029		-20.0	
Abstract bases	NOVA F030	R: 207 G: 226 B: 234	40.0	
	NOVA F031	L*: 88.81 a*: -5.03 b*: -5.82		
Units	NOVA F032			
	NOVA F033	Thickness: µm		
Products	NOVA F037	Substrate: -	100 -	
	NOVA F038		90 -	
	NOVA F039	Measure date: 3/12/2012 12:10:33 PM	90 -	
🔵 💐 Color management	NOVA F043	Spectro:		
	NOVA F044	Spectro.		
Color cards in system	NOVA F048	Color names	2	
	NOVA F050	Zone	- / 1/	/
Color cards	NOVA F052			
Measure	NOVA F058			
Measure	NOVA F060	PICNIC DAYS	50 -	
Colors 🕢	NOVA F071			
Colors	NOVA F072		40 -	
	NOVA F077			
Matching & Char ation	NOVA F079		30 -	
Matching & char auon	NOVA F081		5	
	NOVA F087	Add name 😽 Delete name	20 -	
Calava	NOVA F089			
Colors	NOVA F090	Color H	10 -	
	NOVA F095			
	NOVA F096		400 460 520 580 64	
Services & Replication	NOVA F097	✓	400 460 520 580 64	U

1.Search and Select a **color code**.

2.Select a **Zone** from drop down list you wish to enter the name for or leave Zone selector it blank if name is used when zone is not selected.

3.Click the **Add name** button.

🌗 Add name

4. Enter the name for color in to the text field.

Note: Same color can have multiple names, and also same color have different name in the different zones.

2.8.5 Delete a color name

To delete a color name, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

System Selection	Color information Closest colo	ur	Chart	Table
1onicolor 2401 💌				
_	Color card:	Color information	Color reflectance	
🖏 System overview	Monicolor Nova 720	✓		-120.0 ь*
				F100.0
Ofti	Search:			80.0
Configuration	NOVA F016			F60.0
	NOVA F018			
Colorants	NOVA F018		a*	40.0
	NOVA F021		-40.0 -20.0	20.0 20.0 40.0 60.0
Can sizes	NOVA F027	Set RGB		
	NOVA F029	Det Kab		F-20.0
Add Abstract bases	NOVA F030	R: 207 G: 226 B: 234		F-40.0
	NOVA F031			
Units	NOVA F032	L*: 88.81 a*: -5.03 b*: -5.82		
	NOVA F033	Thickness: µn	n	
Products	NOVA F037		100 -	
Products	NOVA F038	Substrate: -		
	NOVA F039	Measure date: 3/12/2012 12:10:33 PM	1 90 -	
🔵 🚜 Color management	NOVA F043	Carabas		
	NOVA F044	Spectro: -		
Color cards in system	NOVA F048	Color names	2	
	NOVA F050	Zone	- / 1/	
Color cards	NOVA F052			
	NOVA F058			
🐯 Measure	NOVA F060	PICNIC DAYS	50 -	
Colors 🕢	NOVA F071			
Colors	NOVA F072		40 -	
	NOVA F077			
Matching & Char ation	NOVA F079		30 -	
Matching & cha	NOVA F081			
	NOVA F087	Add name Seleter me	20 -	
Colors	NOVA F089	Color barcodes		
	NOVA F090	3		
	NOVA F095			
and a second	NOVA F096 NOVA F097		400 460	520 580 640
Services & Replication	NOAM LOAN	~		

1.Search and Select a color code.

2.Leave Zone selector blank to display all of the zone names.

3.Select the name from the list.

4.Click the **Delete name** button.



2.8.6 Add a bar code for a color in a color card

System Selection	Color information Closest color		Chart Table
Monicolor 2401 🗸			
	Color card:	Color information	Color reflectance
🖏 System overview	Monicolor Nova 720	▼	-120.0 h*
			F100.0
	Search:		
Configuration	4		======================================
	NOVA F016		±60.0
Colorants	NOVA F017		_40.0
	NOVA F018		a* -40.0 -20.0 20.0 40.0 60.0
📬 Can sizes	NOVA F021 NOVA F027		-40.0 -20.0 -20.0 40.0 60.0
	NOVA F027 NOVA F029	Set RGB	-20.0
Abstract bases	NOVA F029	R: 207 G: 226 B: 234	F-40.0
instruce bases	NOVA F030		E-40.0
Units	NOVA F032	L*: 88.81 a*: -5.03 b*: -5.82	
Unics	NOVA F033	Thickness: µm	
	NOVA F037		100 -
Products	NOVA F038	Substrate: -	
	NOVA F039	Measure date: 3/12/2012 12:10:33 PM	90 -
🔵 🗸 Color management	NOVA F043		
	NOVA F044	Spectro: -	80 -
Color cards in system	NOVA F048	Color names	70
	NOVA F050	Zone	
Color cards	NOVA F052		60 -
Measure	NOVA F058	×	
Measure	NOVA F060	PICNIC DAYS	50 -
Colors 🖌	NOVA F071		
Colors	NOVA F072		40 -
	NOVA F077		
Matching & Char ation	NOVA F079		30 -
matching & cha	NOVA F081		
	NOVA F087	Add name 🤜 Delete name	20 -
Colors	NOVA F089	Color barcodes	
	NOVA F090 NOVA F095		10 -
	NOVA F095 NOVA F096		0
and the second second	NOVA F096 NOVA F097		400 460 520 580 640
Services & Replication			

To add a bar code for the color, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

1.Search and select a **color** from the color card.

2.Click the button.

The Color barcodes window opens up:

😔 Color barcodes	? 🗙
Color barcodes	
Barcode	
4	
3	
Add row Delete row OCancel	

3.Click the Add row button.

4. Enter the **bar code** code for the color into first empty row.

2.8.7 Delete a bar code for a color in a color card

System Selection	Color information Closest color]	Chart Table
Monicolor 2401 💌		J	
_	Color card:	Color information	Color reflectance
🖏 System overview	Monicolor Nova 720		F120.0 b*
			F100.0
Configuration	Search:		F80.0
connguration	NOVA F016		F60.0
	NOVA F018		E40.0
Colorants	NOVA F017		
	NOVA F021		a* -40.0 -20.0 20.0 40.0 60.0
🗂 Can sizes	NOVA F027	Set RGB	
	NOVA F029	JOURIAD	F-20.0
Add Abstract bases	NOVA F030	R: 207 G: 226 B: 234	F-40.0
	NOVA F031		
Units	NOVA F032	L*: 88.81 a*: -5.03 b*: -5.82	
	NOVA F033	Thickness: µm	
	NOVA F037		100 -
Products	NOVA F038	Substrate: -	
	NOVA F039	Measure date: 3/12/2012 12:10:33 PM	90 -
i Color management	NOVA F043		
	NOVA F044	Spectro: -	80 -
Color cards in system	NOVA F048	Color names	70 -
	NOVA F050	Zone	
Color cards	NOVA F052		60 -
****	NOVA F058	Y	
🚿 Measure	NOVA F060	PICNIC DAYS	50 -
Colore	NOVA F071		
Scolors	NOVA F072		40 _
	NOVA F077		
Matching & Char ation	NOVA F079		30 -
matching & char ation	NOVA F081		
	NOVA F087	📥 Add name 📃 🤜 Delete name	20 -
	NOVA F089 2	Color barcodes	
Colors	NOVA F090		10 -
	NOVA F095		
	NOVA F096	998877	400 460 520 580 640
Designation of the second second	NOVA F097	A CONTRACTOR OF A CONTRACTOR O	100 100 320 300 040
Services & Replication			🖉 Reset 🛛 💌 Sav

To delete a bar code for the color, navigate into the **Configuration** \Rightarrow **Color management** \Rightarrow **Colors** page.

1.Search and select a **color** from the color card.

2.Select the **bar code** from the list and click **Delete** button on your keyboard.

OR

3.Click the button.

The Color barcodes window opens up:

•••	Color barcodes
	Color barcodes Barcode
	111222
	998877
	5
	Add row Delete row OK

4.Select the **Bar code** from the list.

5.Click the Delete row button.

NOTE: Bar codes are not Zone specific.

2.8.8 Add the reflectance values manually for a color

System Selection	Color information Clos	est color			_	Chart		Table
onicolor 2401 💌								Table
-	Color card:		or information		Color ref	lectance		
🖏 System overview	NEW 1				nm	RINF	RB	RW
	Search:				400			
Configuration					410			
	N1 N2				420			
Colorants	N3 N4				430		4	
Can sizes	N5 2				440			
		The state of the s	Set	RGB	450		No. of Concession, Name	
Abstract bases		R:	G:	B:	460			
		L*:	a*:	b*:	480		-	
Units		Thic	kness:	µ				
Products			strate:	-	500			
					510			
🔵 👫 Color management			sure date:	-	520			
		Spe	ctro:	-	530			
Color cards in system		Col	or names		540			
Color cards		Zone	•		550			
Measure					560			
Measure					570			
😍 Colors 📈					580		_	
					590			
Aatching & Char ation					600 610			
			Add name	🔜 Delete name				-
Colore			or barcodes		630			
Colors		Col	or parcodes		640			
					650			
Services & Replication					660			×

To add the reflectance values manually for the colors, select Configuration \Rightarrow Color management \Rightarrow Colors

1.Click **Color information** button (this is default when entering into this page).

1.Search and select a **color** code from list.

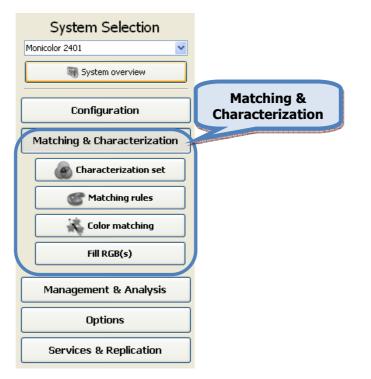
2.Click the Table button.

3. Type in the reflectance values into RINF column

3 Matching & Characterization

Matching & characterization page has three sub pages, where you can:

- Create characterization set
- Set matching rules
- Match colors



3.1 Charaterization set status

To view Characterization set status, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** page.

With "traffic light" symbols, you can easily see which components are completed and which still need further work, in order to get matching fully working.

When the symbol is green \bigcirc that component of the characterization set is characterized properly, and when the symbol is red \bigcirc , some or all of the data is missing for that characterization component.

🥮 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2012.3.	30		
System Selection	Characterization set overview			
Monicolor 2401	Charterization set	Components in set	Colorants	Bases
System overview	INNOVATINT		•	•
Configuration				
Matching & Characterization		Traffic light	s	
Characterization set			and the second second	
Set components				
Proposer				
Colorants				
Bases				
All				
Base character set				
Matching rules				
Color matching				
Fill RGB(s)				
Management & Analysis				
Options				
Services & Replication				

3.1.1 Create a new characterization set

To create a new characterization set, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Set components** page.

System Selection	Characterization-set:	New Set
Monicolor 2401		
System overview		
	Search:	
Configuration		
Matching & Characterization		
Characterization set		
Set components		
Propor		
t components		
Matching rules		
Matching rules		
Color matching	Characterize:	Subdrater
	Characterize:	Substrate:
Color matching	White characterizer:	
Color matching Fill RGB(s) Management & Analysis		Add & De
K Color matching Fill RGB(s)	White characterizer:	Add & Reflection
Color matching Fill RGB(s) Management & Analysis	White characterizer: Black characterizer: Product:	Add Reflection Internal: 0.460 Reflection
Color matching Fill RGB(s) Management & Analysis Options	White characterizer:	Add & Reflection

1.Click the New set button.

The **New set** window opens up:

🤒 New set 🔹 🔋 🔀
Characterization set name:
Default wet film thickness: 300 µm 🗘 2
🖉 Cancel 🔏 Ok

2. Enter the name for the new set into the Characterization set name text field.

3.Select the default film thickness for this set on the **Default wet film thickness** selector field.

4. Enable the check box **Opaque** if draw downs used are fully hiding.

Note: Now you have only created a name for the new characterization set. Next you can proceed with selecting the components to be used in the system, as well as the other properties for the system.

3.1.2 Delete a characterization set

To delete a characterization set, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Set components** page.

System Selection	Characterization-se	NEW SET			V	💊 New Set	🔗 Edit Set	: Delete S
Monicolor 2401						New Der		
System overview	Filter by system:	1.52	Colorants	Products	1			(
System over new	System name	In use	Search:					
	<not any="" in="" system=""></not>		Colorant	In use	True speci	fic gravity (kg / l)		Clone
Configuration	Monicolor 2401		FT					
Matching & Characterization			KS					
	J		LS					
Characterization set			LT					
Set components 🔺			MM					
			MS MT		-			
Proposer			PT					
			RS RS					
			RT RT					
et components			ST					
et components			Ξ 5T					
et components			ST Π US					
- 			5T Π Π US VT					
et components			ST Π US					
- 			ST Π US VT XT					
Matching rules	Characterize:		ST Π US VT XT					
Matching rules	Characterize: White characterizer:		ST Π US VT XT			×	bstrate:	
Matching rules			ST Π US VT XT			×	bstrate: None> Opaque	
Matching rules			ST Π US VT XT			×		Del
Matching rules Color matching Fill RGB(s) Management & Analysis	White characterizer:		ST Π US VT XT				None> Opaque	
Matching rules	White characterizer:		ST Π US VT XT				None> Opaque	
Fill RGB(s) Management & Analysis	White characterizer:		ST Π US VT XT				None> Opaque	

1.Select the system from the Characterization-set drop down list.

2.Click the Delete set button.

3.1.3 Set the colorants to be used in the characterization set

To set colorants to be used in the characterization set, navigate into the **Matching &** Characterization \Rightarrow Characterization set \Rightarrow Set components page.

🤒 s6main, s6local - InnovaTint - L	AB (Workgroup Edition) v1.0.20	Colorants tab
System Selection	Characterization-set: NEW SET	www.Set 🖉 Edit Set 🔰 Delete Se
Monicolor 2401]]	
System overview	Filter by system:	Colorants Products
	System name In use	Search:
Configuration	<not any="" in="" system=""></not>	Colorant In use True specific gravity (kg / l) Clone
Configuration	Monicolor 2401	FT
Matching & Characterization		
💣 Characterization set		
Set components		
Proposer		
Cole		RS
		RT
et components		ST 🗌
	550°	
Matching rules		
Color matching		
Fill RGB(s)	Characterize:	✓ Substrate:
Thir Kdb(3)	White characterizer:	× .
Management & Analysis		None> Opaque
management & Analysis	Black characterizer:	Add 🌾 Del
Options		Reflection
	Product:	Internal: 0,460 🗘
Services & Replication		
	Base characterizer:	V External: 0.040 🗢 📰 Save

1.Click the check box **In use** on **Colorant** table to select colorants to be used in characterization.

2.Enter density of colorants used in characterization into **True specific gravity** column. The unit of the measure is kg/litre.

3.If you want to copy the colorant characterization information, select the already characterized colorant from the drop down list in the **Clone** column.

3.1.4 Set the base paints to be used in the characterization set

To set base paints to be used in the characterization set, navigate into the **Matching &** Characterization \Rightarrow Characterization set \Rightarrow Set components page.

System Selection	AB (Workgroup Edition) v1.0.2012.3.30 Products tab Characterization-set: NEW SET Filter by system: Colorante Products
System overview	System name In use Search:
Configuration	KNot in any system> Image: Signature Image: Signature Chone Monicolor 2401 Image: Signature Froducts In use Signature Clone
Matching & Characterization	
Characterization set	
Set components Proposer Color	Exterior 2401 ABC
et components	AA B Dinterior 2401 AABC AA B B Dinterior 2401 AAC
Matching rules	G Interior 2401 ABC
Color matching	Characterize:
Color matching	Characterize: White characterize:
Fill RGB(s)	Characterize: White characterize: Substrate: <pre>Substrate: <pre>Substrate:</pre></pre>

1.Click the check box **In use** on **Products** table to select the base paints to be used in characterization.

2.Enter density of base paints used in characterization into \mathbf{SG} column. The unit of the measure is kg/litre.

3.If you want to copy the base paint characterization information, select the already characterized base paint from the drop down list in the **Clone** column

3.1.5 Set the characterization white and black colorants, products, and substrate

To set the characterization white and black, products, and substrate to be used in the characterization set, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Set components** page.

System Selection	Characterization-se	+ NEW SET			New	Set 🔗 Edit Set	S Delete
Monicolor 2401		IL: NEW DET					- Delete
System overview	Filter by system: System name		Colorants F	roducts			
	<not any="" in="" system=""></not>	In use	Search:				
Configuration			Colorant	In use	True specific gravity	(kg / l)	Clone
3	Monicolor 2401		FT				
Matching & Characterization			KS				
Characterization set			LS				
Characterization set			MM				
Set components			MS				
Proposer	1		МТ				
Cole	1		PT				
			RS RT				
t componente			ST				
et components			Π				
			US				
oos mar and had how now may now may now may now may now now may now may now may now	and the second se		VT				
Carl Matching rules							
	ר ר						
Color matching							
Color matching	Characterize:	(1				
Color matching Fill RGB(s)			-			Substrate:	
Fill RGB(s)	Characterize: White characterizer:		1 2		8		
~#			-	3		<none> Opaque</none>	Del
Fill RGB(s) Management & Analysis	White characterizer:		-	3	8	<none> Opaque Add</none>	
Fill RGB(s)	White characterizer:		-	3		None> Opaque Add	

1.Select the white colorant to be used in the characterization from the drop down list **White characterizer**.

2. Select the black colorant to be used in the characterization from the drop down list **Black characterizer**.

NOTE: The white and the black colorant to be used as the characterization white and black, has to be selected as "**In use**" in colorants to be used in characterization, otherwise you cannot see them in this list.

3.Select the product to be used in the colorant characterization from the **Product** drop down list.

4.Select the base paint to be used in the colorant characterization from the **Base characterizer** drop down list.

5.Select the substrate used for the characterization from the Substrate drop down list.

Or create a new substrate by clicking the **Add** button.

3.1.6 Create a mixture proposals

To create a mixture proposals for the characterization draw downs, navigate into the **Matching &** Characterization \Rightarrow Characterization set \Rightarrow Proposer page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.2.2012.10.5	(1)				
System Selection	Characterization-se	2	eded component amount for charac	rization	🕟 New Set	🖋 Edit Set	Stelete
System overview		ponent amounts		In use	Mixture template	Proposed amount (ml)	Amount (ml)
Configuration	Minimum amount:	0,40 ml 🥽	ABC - C (Bootstrap)	~	Default	0	0
	Default wet film thickn	ess: 1000 µm 🗘	strap)		Default	0	0
Matching & Characterization	Create bootstrap r		tstrap)	V	Default	0	
			4		Default	0 8	
Characterization 5	Create colorant mi			V	Default	0	
	Create base mixtu	res	And the state of t	V	Default	0	THE R. LEWIS
Set components	Mixture can sizes:		LT LT	 Image: A set of the set of the	Default	0	0
Proposer	Can size	In use	MM MM		Default	0	0
	0.11		MS	 Image: A start of the start of	Default	0	0
Colorants			мт	V	Default	0	0
Bases	0.1251		PT PT	V	Default		0
	0.151		RS RS	V	Default 9		0
			RT	V	Default		0
Proposer	0.21		ST ST		Default	and the second second	0
i ioposei	0.251		US	V	Default	0	0
			VT	\checkmark	Default	0	0
PICCHINGCORS	0.31		ZT	V	Default	0	0
and the second s		6	Exterior 2401 AABC - AA		Default	0	0
Color matching			Exterior 2401 AABC - B	 Image: A start of the start of	Default	0	0
		- August	Exterior 2401 AAC - AA		Default	0	0
Fill RGB(s)			Exterior 2401 AAC - C	V	Default	0	0
			Interior 2401 AABC - AA		Default	_	0
Management & Analysis			Interior 2401 AABC - B	 Image: A start of the start of	Default	7	0
	Add Clea	r selections 🛛 🌋 Del	1	-		120	-
Options				F	roposed mixtures		
Services & Replication						🧼 Reset	💾 Save

1.Select the Characterization set from the Characterization-set dropdown list

2.(Click the **Edit component amounts** button to manually change the suggested mixing ratios if needed).

3.Select the minimum amount of mixture in the selector field Minimum amount.

4.Change the default film thickness of draw downs if needed in the **Default film thickness** field.

5. Enable the check boxes to select the mixture types to be created. Options are:

Bootstrap mixtures, for the characterization black and for the characterization white characterization.

Colorant mixtures, for all of the colorants selected (other than the characterization white and the characterization black colorant).

Base mixtures, for the base paint characterization.

6. Enable the In use check box to select used can size.

7.Click Propose mixtures button

8.The total amounts of all of the components used in the proposed mixtures are displayed in the table.

9.If you have created a mixture template, you can choose one from the drop down list in the **Mixture template** column.

3.1.7 Measure the colorant characterization draw downs

🤒 s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.0.2012.	3.30	
System Selection	Characterization-set: INNOVATINT		💌 💽 New Set 🔗 Edit Set 🛛 🌋 Delete S
Monicolor 2401 💌			
System overview	Colorant characterization Sample results	lts KS Analysis Engine results	(1)
Configuration	<bootstrap></bootstrap>		
Matching & Characterization		S C RS C US	
Characterization set	Colorant:	White: XT	Black: ∏ Base: C
Set components	True specific gravity: 1.34 kg / l	2.10 kg / l	1.35 kg / l 1.00 kg
Proposer	Mixtures		
Colorants	Sample name	In use red	Change mixture size
	C 90.0% FT 10.0%	2 Jred	0.11 Current mixture
Colorants	C 90.0% XT 2.0% FT 8.0%	Not measured	Wet film thickness: 1000 µm Mixture volume: 100 ml
coloranto	C 90.0% XT 3.0% FT 7.0%	Not measured	
	C 90.0% XT 5.0% FT 5.0%	Not measured	Code Proposed amount (g) Actual amount (g)
Color matching	C 90.0% TT 0.2% FT 9.8%	Not measured	C 90 90
Fill RGB(s)			FT 12.06 12
Management & Analysis			XT 2.1 2
Options			Used spectro - measure date:
Services & Replication	Add mixture	xport 🗸 🦉 Delete mixtu	re Save Galculate KS
		Export 👻 🍔 🗱 Delete mixtu	are Calculate KS

To measure the colorant characterization draw downs, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Colorants** page.

1.Select the Colorant from Status section or from the drop down list

2.Select the mixture from **Mixtures** list by clicking the sample name.

3.Enter the real values of components used for the draw downs into the **Actual amount** column.

4. Enter real wet film thickness used in the draw downs into the wet film thickness field.

5.Click the measure button.



6.Repeate this for all of the mixtures for this colorant before proceeding to the next step.

3.1.8 Calculate the K/S values for the colorant drawdowns

To calculate the K/S values for the colorants characterization draw downs, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Colorants** page.

System Selection	Characterization-set: INNOVATINT	🔽 💊 New Set 🥒 Edit Set 🖉 Delete
Monicolor 2401		Kew Jec
System overview	Colorant characterization Sample results K5 Analysis Engine results	
	Samples	Select chart type: Sample on white
Configuration	Sample name dE dE Draw White Black graph In use	Chart Table
Matching & Characterization	1 C 100.0% 18.78 19.17 ♥ ♥ 2	
Characterization set	2 □ C 90.0% 5.08 2.36 V V	100 -
	3 □ ^C 90.0% π 10.0% 14.61 26.39 ♥	90 _
Set components		
Proposer		80 - 15W
Colorants		70 - S5W
Bases		
All		60 31W
Base character		50 - 1000
		40
Colorants		30 -
		20 21
Management P. Analysis		
Management & Analysis		
Options		0 400 440 480 3 600 640 680
		400 440 480 3 400 640 680
Services & Replication	RMS dE white: 14.05 RMS dE black: 18	.88 Calculate reflectances

1.Navigate in to the Sample result tab page.

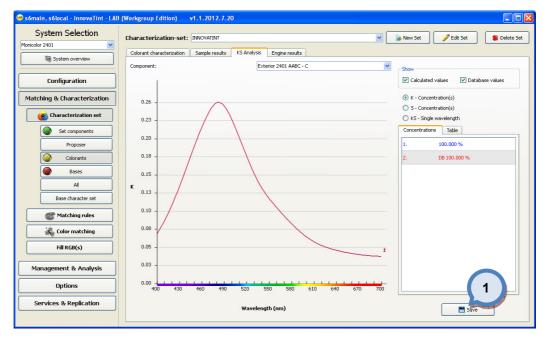
2.Enable check box **In Use** for the mixtures you wish to include into the K/S calculation.

3. Click the Calculate reflectances button.

📓 Calculate reflectances

4. Navigate into the K/S analysis tab page.

Note: If you want to view the characterization result with other mixture combinations, select other mixtures in the field **In use**, and click **Re-calculate** button. This procedure will recalculate reflectance values, but they are not saved for use.



1.Click the Save button to save K/S values.

2.Repeate mixture measurements and the K/S calculations for all of the colorants.

3.1.9 Measure a base characterization draw downs

To measure the base paint characterization draw downs, navigate into the **Matching &** Characterization ⇔ Characterization set ⇔ Bases page.

🥗 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2012	.3.30		
System Selection	Characterization-set: INNOVATINT			💌 🕟 New Set 🥜 Edit Set 🛛 🗱 Delete Se
Monicolor 2401				
System overview	Base characterization Sample Results	KS Analysis	Engine results	(1)
Configuration	Exterior 2401 AABC - AA	Exterior 2401 /		terior 2401 ABC - C
Matching & Characterization	Exterior 2401 AAC - AA 🔴	Exterior 2401 /	АВС - В 🕘 👘	terior 2401 AC - C 🛛 🔹 Interior 2401 AABC - C 🌑
		IIII	(1	>
💣 Characterization set	Product: Exterior 2401 AABC	Base: AA		White: XT Black: TT
Set components	True specific gravity:		1.00 kg / l	
- Sec components			1.00 Kg / I	2.10 kg) 1
Proposer				Change mixture size
Colorants	Sample name	In use	Measured	
	AA 100.0%		Not measured	
Bases	AA 90.0% XT 10.0%		Not measured	Current mixture 4 pixtur
Al				Wet film thiskness, 1000 um
Base	AA 90.0% TT 10.0%		Not measured	Mixture volume: 100 ml
	AA 90.0% TT 5.0% XT 5.0%		Not measured	
Bases	AA 90.0% TT 7.0% XT 3.0%		Not measured	Code Proposed Actual amount (g) amount (g)
	MH 90.070 TT 7.070 XT 3.070		Nocificasarea	AA 90 90
	AA 90.0% TT 8.0% XT 2.0%		Not measured	- Π 3
Fill RGB(s)	AA 90.0% TT 9.0% XT 1.0%		Not measured	
				XT 21 21
Management & Analysis				
Options				Used spectro - measure date:
Services & Replication				
· · · · · · · · · · · · · · · · · · ·	Add mixture	Export 👻	🗯 Delete mixtu	ire 📄 Save 👔 Calculate KS

1.Select the Base paint from Status section or from the drop down list.

2.Select the mixture from Mixtures list by clicking the sample name.

3.Enter the real values of mixtures used for the draw downs into the **Actual amount** column.**4.**Enter real wet film thickness used in the draw downs into the **wet film thickness** field.

5.Click the Measure button.



6.Repeate this for all of the mixtures for this base paint before proceeding to the next step.

3.1.10 Calculate K/S values for the base paint drawdowns

To calculate K/S values for the base paint characterization draw downs, navigate into the **Matching & Characterization** \Rightarrow **Characterization set** \Rightarrow **Bases** page.

😁 sómain, sólocal - InnovaTint - LAB System Selection	(Workgroup Edition) v1.1.2	012.7.2				
Monicolor 2401	Characterization-set: INNOV	(TINT			New Set	🖋 Edit Set 🏾 🏶 Delete
System overview	Base characterization Sample R	isults KS Analysis E	ngine results	(chart type:	Sample on white
Configuration	Sample name	dE White	dE Draw Black graph		2 rt Table	
Matching & Characterization	1 AA 100.0%					
Characterization set	2 AA 90.0% XT 10.0%				100 -	
Set components	3 AA 90.0% TT 9.0% XT 1.0%			V	90	
Colorants Bases Al Base character set					70 60 50 40 30	3 MM 6 2 MM 1 M9
					20 10 400 440 480	3
Services & Replication	RMS dE white: 0.00		RMS dE t	lack: 0.00	Calculate reflectance	es 🔋 Re-calculate

1.Navigate in to the Sample result tab page.

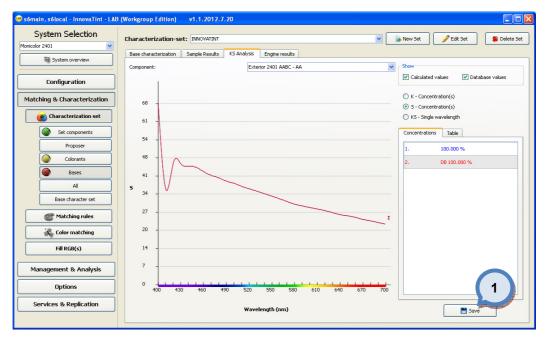
2.Enable check box **In Use** for the mixtures you wish to include into the K/S calculation.

3. Click the Calculate reflectances button.

🔢 Calculate reflectances 🛛

4. Navigate into the K/S analysis tab page.

Note: If you want to view the characterization result with other mixture combinations, select other mixtures in the field **In use**, and click **Re-calculate** button. This procedure will recalculate reflectance values, but they are not saved for use.



1.Click the Save button to save K/S values.

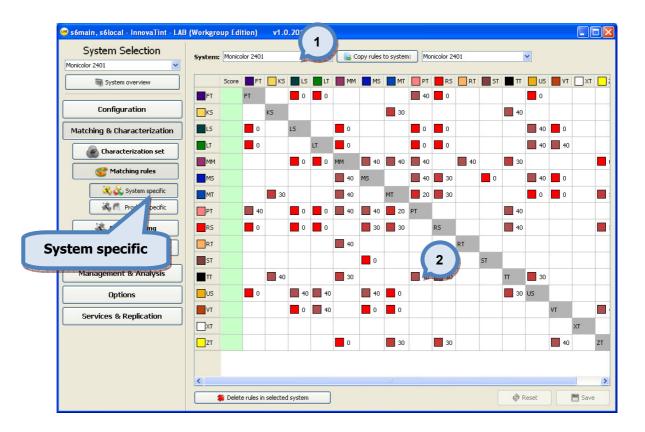
2.Repeate mixture measurements and the K/S calculations for all of the base paints.

3.2 Matching rules

On this section you can set matching rules that are applied based on either product or system. Rules available for use are colorant amount restrictions, and not-allowed colorant combinations.

System Selection	
Monicolor 2401	
System overview	
Configuration	
Matching & Characterization	Matching rules
Characterization set	7
Statching rules	
System specific	
Product specific	
Color matching	
Fill RGB(s)	
Management & Analysis	
Options	
Services & Replication	

3.2.1 Set the non-allowed colorant combinations



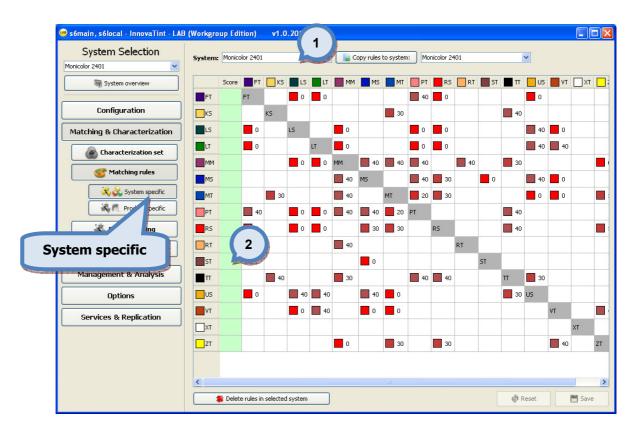
To set system specific matching rules, navigate into the **Matching & Characterization** ⇒ **Matching rules** ⇒ **System specific** page.

1.Select system from drop down list

2.Set **weight** to colorant pairs by clicking with mouse button on the cell **Colorant pair weights:**

- - ¹⁰⁰ = should always be used as pair

3.2.2 Set the score for the colorants



To set system specific matching rules, navigate into the **Matching & Characterization** ⇒ **Matching rules** ⇒ **System specific** page.

1.Select system from drop down list

2.Enter the score number to the **Score** field. (1=most favourable colorant, 10=least favourable colorant)

3.Repeat to all colorants

3.2.3 Set the colorant addition limits

To set product specific matching rules, navigate into the Matching & Characterization ⇒ Matching rules ⇒ Product specific page.

System Selection	Product	Exterior 2401 AAE	30		🖳 Copy rules to pr	oduct		
Monicolor 2401					Copy raises to pr			
System overview	Score	AA	2	с	(3		
Configuration	Unit:	ml	Can size:		0,1			
Matching & Characterization		AA Min amount	AA Max amount	B Min amount	B Max amount	C Min amount	C Max amount	
Characterization set	FT							
C Matching rules	KS	4.44		1.97 4		4.5		
System specific	LS	0.18		0.18	and the second se	0.18		
	LT		0.43		0.43		0.43	
	ММ							
Color match	MS	0.18		0.18		0.18		
	ТМ		0.74		0.74		0.74	
Product specific	РТ							
	RS		0.0	4.19		4.5		
Options	RT							
Services & Replication	ST							
	Π							
	US							
	Т							
	□хт	0.0	0.0	0.0	0.0			
		🗱 Delete rules in sel	lected product	1			🔄 Reset	💾 Save

1.Select the product from the **Product** drop down list.

2.Select unit from the Unit drop down list

3.Select can size from the Can size drop down list (unless using percentages)

4.Enter the minimum and the maximum amounts for colorant-base combinations into the appropriate columns.

You can also use

Copy rules to product

button to copy rules from one product to another product. You need to select first the source and destination products.

3.2.4 Set the base paint score

To set product specific matching rules, navigate into the **Matching & Characterization** \Rightarrow **Matching rules** \Rightarrow **Product specific** page.

System Selection	Product	Exterior 2401 AA		· · (le Copy rules to pr	oduct		
Monicolor 2401		AA	2	с				
🧃 System overview	Score							
Configuration	Unit:	ml	Can size:		0,1	~		
Matching & Characterization		AA Min amount	AA Max amount	B Min amount	B Max amount	C Min amount	C Max amount	
Characterization set	FT							
Statching rules	KS	4.44		1.97		4.5		
System specific	LS	0.18		0.18		0.18		
Recific	LT		0.43		0.43		0.43	
Color match	MM	n Manazari						
	MS	0.18		0.18		0.18		
roduct specific	PT		0.74		0.74		0.74	
	RS	1	0.0	4.19		4.5		
Options	RT							
Services & Replication	ST							
	Π							
	Us							
	VT							
	□хт	0.0	0.0	0.0	0.0			

1.Select the product from the Product drop down list.

2.Enter the score number to the **Score** field. (1=most favourable base paint, 10=least favourable base paint)

3.3 Color matching

On this page, you can set matching parameters, and execute matching for both single color, and set of colors in same time.

System Selection	
Monicolor 2401 👻	
System overview	
Configuration]
Matching & Characterization	Color matching
Characterization set	color matching
Matching rules	7
Color matching	and the second se
Matching settings	
Statistics	
Results	
Color correction	
Dispense queue	/
Fill RGB(s)	
Management & Analysis	
Options	
Services & Replication]

On color matching section you have five sub pages:

- Matching settings,
- Statistics,
- > Results,
- Color correction, and
- > Dispensing queue.

3.3.1 Start a new match

To start a new matching job, navigate into the **Matching & Characterization** \Rightarrow **Color matching** page.

System Selection	Continue previous work		Start new matching
Monicolor 2401	Previous work		
System overview	Colors	Products:	Colorants:
	Color card	Count Exterior 2401 ABC - A Exterior 2401 ABC - B	FT
Configuration	Monicolor Nova 720	3 / 728 Exterior 2401 ABC - C	KS LS
Matching & Characterization			
Characterization set			MS MT
			PT RS
Matching rules			RT
Color matching			ST TT
			US
M ing settings			VT XT
tatistics			ZT
hecults			
olor matching 🛛 🔁			
Fill RGB(s)			
Management & Analysis			
Options	J		
Services & Replication			
L			

1.Click the Start new matching button.

Start new matching

The **Matching settings** page opens up:

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2012	3.30	
System Selection	Filter by color code:		
Monicolor 2401		1	
	Colors	Match Number of selected	<u>~</u>
System overview	🖨 Monicolor Nova 720	5 / 728	
an System over view	NOVA F016		
	NOVA F017		
	NOVA F018		
Configuration	NOVA F021		
	NOVA F027 NOVA F029		
	NOVA F029	H	
Matching & Characterization	NOVA F030		
	NOVA F032	H	
Characterization set	NOVA F033		
Characterization set	NOVA F037		
	NOVA F038		
Matching rules	NOVA F039		
	NOVA F043		
🔀 Color matching	NOVA F044		
No color matching	NOVA F048		
	NOVA F050		
🐜 Matching settings	NOVA F052		
	NOVA F058		
Statistics	NOVA F060		
	NOVA F071 NOVA F072		
Results	NOVA F072	H	
- Kesdies	NOVA F079	H	
Color correction	NOVA F081		
Color correction	NOVA F087		
	NOVA F089		
💐 Dispense queue	NOVA F090		
	NOVA F095		
Fill RGB(s)	NOVA F096		
Thirkab(s)	NOVA F097		
	NOVA F098		
	NOVA F099		
Management & Analysis	NOVA F100 NOVA F101		
	NOVA F101		
Options	NOVA F109		
upuons	NOVA F115	H	
	NOVA F120		
Services & Replication	NOVA F122		
sorvices a repleation			
	📄 Clear selections 🛛 📄 Copy	🚺 Paste 🛛 👆 Load card colors	/
			Back Next

1. Enable the check box to select the color card(s) from list

2.Click the **Load card color** button to display all of the colors in the selected color cards.

3.Enable the check box to select color(s) from list

4.Click the Next button.

The Characterized products window opens up:

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2012.3.30		
System Selection	Characterized products:	Characterized colorants:	
Monicolor 2401	Search:	Search:	
System overview	Products In use	Colorant In use	
	Exterior 2401 AABC Exterior 2401 AABC Exterior 2401 AAC	FT 🗹	
Configuration	Exterior 2401 ABC	Горика (Кранска) (Кр	
Matching & Characterization	Exterior 2401 AC	🔳 LS 🔽 📿 🙎	
Characterization set		🗖 LT 🔽 🔽	
	Interior 2401 AAC Interior 2401 ABC Interior 2401 ABC Interior 2401 AC	MM 🗹	
Matching rules		ms 🗸	
🔆 Color matching		MT 💌	
Matching settings		PT 🔽	
Statistics		RS 🗹	
Results		RT 🗹	
Color correction		st 💽	
Dispense queue		Π	
Fill RGB(s)		us 🔽	
		TV 🔽	
Management & Analysis		TX 🔽	
Options		TI I	
Services & Replication			3
		M Back Next 🕨	

Enable the check box In use to select the base paints or products from the list.
 Enable the check box In use to select the Colorants to be used from the list.
 Click the Next button.

The **Matching settings** window opens up:

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2	012.3.30					
System Selection	Matching settings						Ĩ
Monicolor 2401	Setting template:				Matching rules		
System overview	Maximum dE (CMC D65):	3.00	(1)		Use Colorant :	system rules	
	Number of colorants:				🗹 Use Colorant	product rules	;
Configuration	Opacity	1 🗘 to 5	×		Weights:		
Matching & Characterization	Opacity dE:	1.25			CMC dE(D65):	8.00 🗘	
	Wet film thickness:	150 µm 😂			Cielab dE(A):	2.00	
Characterization set	Substrate:	INNOVATINT Substrate	~		Cielab dE(F11):	1.00 😂	
Matching rules					Contrast ratio:	4.00 🗘	
K Color matching	Minimum allowed colorant volume:	0.154 ml 💲			Colorant price:	7.00 🗘	
Matching settings	Can size:	0,11	~		Colorant priority:	3.00 🗘	
					Colorant pairs:	6.00 🗘	
Statistics	Zone:	Default Zone		v	Sensitivity:	5.00 🗘	
Results	Selected Colors		Colorants	Products			
Color correction	Color card	Count	FT 🔥	Exterior 2401 ABC			
Dispense queue	Monicolor Nova 720	4 / 728	KS LS	Exterior 2401 ABC Exterior 2401 ABC			
Fill RGB(s) Management & Analysis			LT MM MS MT PT				
Options			RS RT ST				
Services & Replication					2		
	Export settings template		Back	Mate	:h 📔 Mat	ch only missir	ng

1.Make needed changes to default matching settings if needed.

2.Click Match button.

Note: Please refer to InnovaTint LAB User Manual for instructions on the matching settings.

3.Click **OK** button when matching is finished.

The **Statistics** page opens up:

Produc	t:				V Bas	e: 🗸	Color difference ec	uation: CMC 2:1	1 🗸	_
Zone:	Default :	7000			v				Update	
zone:	Derault	20116			×					
Match	accuracy	Cost	Colorant usage	Basepaint usage	Not poss	ible formulas				
	se percentaç	18								
	o porcoricaç	,								
									8	
								4		
0		0	0	0	0	0	0			
0,0-	0,2	0,2-0,4	0,4-0,6	0,6-0,8	0,8-1,0	1,0-1,2	1,2-1,4	1,4 <	NP	
				11						
dE	Opacity	dE Del	ta a*b* dL Hist	ogram Numerical	J				(1)	
										5
- -	Save matchin	ng report							📑 Save all	

1.Click Save all button to save all formula.

3.3.2 Continue a previous match

To continue a previously started matching job, navigate into the **Matching &** Characterization \Rightarrow Color matching page.

	🤓 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) 1 2.3.30			
	System Selection	Continue previous work			Start new matching
	Monicolor 2401	Previous work			
	System overview	Colors		Products:	Colorants:
		Color card	Count	Exterior 2401 ABC - A Exterior 2401 ABC - B	FT
	Configuration	Monicolor Nova 720	3 / 728	Exterior 2401 ABC - C	KS LS
	Matching & Characterization				LT MM MS
	Characterization set				MT PT RS
	C Matching rules				RT
	Color matching				ST Π US
	M ng settings atistics beults				VT XT ZT
Colo	or matching				
	Fill RGB(s)				
	Management & Analysis				
	Options				
	Services & Replication				

1. Click the Continue previous work button.

Continue previous work

The Matching settings page opens up

Please proceed as described in the section: Start a new match.

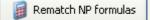
3.3.3 Re-match the not possible colors on the previous matching job

To re-match the not possible colors on the matching job, navigate into the **Matching & Characterization** ⇒ **Color matching** page and to the **Not possible formulas** tab page.

🥶 s6main, s6local - InnovaTint - LAB	3 (Workgroup Edition) v1.0.2012.3.30
System Selection	
Monicolor 2401	Product: Base: Color difference equation: CMC 2:1 V Upda
System overview	Zone: Default Zone
Configuration	Match accuracy Cost Colorant usage Basepaint usage Not possible formulas Interior 2401 AAC 2
Matching & Characterization	NOVA F021 NOVA F027
Characterization set	Not possible
Matching rules	formulas
Color matching	
Matching settings	
Statistics	
olor matching	
Management & Analysis	
Options	
Services & Replication	Rematch NP formulas
	Save matching report

When matching result includes the colors that could not be matched, those colors are displayed in the **Not possible formulas** tab page.

1.Click Rematch NP formulas button.



The Matching settings page opens up

2.Make changes to matching settings, and proceed as described in the section: Start a new match.

3.3.4 Add matched color into the dispensing queue

To add matched color into the dispensing queue after matching job is finished, navigate into the **Matching & Characterization** \Rightarrow **Color matching** \Rightarrow **Results** page.

r difference: CM nfigurable items db(D65) -0.758
db(D65)
-0.758

After making a matching as described on sections: 3.3.1 Start a new match, 3.3.2 Continue a previous work, or 3.3.3 Re-match the not possible colors on the previous matching job

🌗 Add to dispense queue

1.Select a **formula** from the list by clicking on the any part of the row

2. Click the Add to dispensing queue button.

89

3.3.5 Match an alternative color formula for matched color

To match an alternative color formula for matched color after matching job is finished, navigate into the **Matching & Characterization** \Rightarrow **Color matching** \Rightarrow **Results** page.

Monicolor 2401	Product:	Exter	or 2401 AABC	~	Unit:	g 💙	Can size: 0,	25 I 🔽 Color i	difference: CMC
System overview	Color Card:	Monic	olor Nova 720	~	Zone:	Default Zone		Confi	igurable items Det
Configuration	Products Matched Co	Colors	Compatible p	roducts					
Matching & Characterization	Color cod		Base	dE(D65)	dE(A)	dE(F11)	dL(D65)	da(D65)	db(D65)
Characterization set	NOVA								
Matching rules									
🔆 Color matching	NOVA			4.050		1 700			
Matching settings			AA	4,858	4,118	4,728	4,218	2,964	-4,981
Statistics	NOVA	HUI7	1	2,649	2,766	2,926	6,876	0,388	0,691
Results			- Internet						
Color correction									
Dispense									
Results									
hototiciccicciccicciccicciccicciccicciccicci									
Services & Replication									

After making a matching as described on sections: 3.3.1 Start a new match, 3.3.2 Continue a previous work, or 3.3.3 Re-match the not possible colors on the previous matching job

1.Select a formula from the list by clicking on the any part of the row

2.Click the Details button.

Details

The **Details** window opens to Results page:

System Selection	Only the most recent macthed prod	lucts and colors			
Monicolor 2401	Product: Exterior 2401 AABC	VInit: g	💙 Can size:	0,251 Color difference:	CMC 2:1
System overview	Color Card: Monicolor Nova 720	Zone: De	afault Zone	Configurable ite	ms Deta
	Products Colors Compatible produc	its			
Configuration	Information				
Matching & Characterization	Base Total cost / I dE (CMC 2:1) 1 AA 25,21 4,83	COL 1 AM COL 2 MS 1.08 MT 1.7	AM COL3 AM 75 ∏ 1.34	1	
Characterization set					
Matching rules					
Color matching	Matched Colors	dE: 4,83 Opacity	/ dE: 1,40 VOC (g / l		lse selected
Matching settings	NOVA F021	Colorant Cost (1 / I):	0,21 Total Cost		ulate alt. form
Statistics	NOVA F027	Color		Delta chart Reflectance chart	diace alc. form
Results	NOVA F077	Color		rder tolerance: 1,00	_ 1
Color correction	NOVA G052	D65	Ax	is: a*,b*	
Dispense	NOVA H016			db* -5,0 -4,0	
Fill R	NOVA H017			-3,0	
		A		da* 2,0 ,0 -3,0 -1,0 -1,0	3,0
Results			P	(0,0 ¹	3,0
				1,0	
and the second				3,0	
		F11		-4,0	
Services & Replication		F11		-4,0 5,0	
Services & Replication	Add to dispense queue		t formula(s)	5,0	F Sa

The **Matching settings** window opens up:

Matching Settings			?
Matching settings			
Settings template: Maximum dE (CMC D65):	1.00	Matching rules	ystem rules
Number of colorants:	1 to 4 1	Weights:	roduct rules
Opacity		CMC dE(D65):	8.00 🗘
Opacity dE:	1.25	Cielab dE(A):	2.00 😂
Wet film thickness:	150 µm 💲	Cielab dE(F11):	1.00 🗘
Substrate:	×	Contrast ratio:	4.00 🗘
Minimum allowed colorant volume:	0.154 ml 🗘	Colorant price:	7.00
Can size:	0,1	Colorant priority: Colorant pairs:	3.00 \$ 6.00 \$
Zone:	Default Zone	ensitivity: 2	5.00 🗘
		ОК	Cancel

1.Make needed changes to the **matching settings**.

2.Click OK button.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.2.2012.10.5							
System Selection	ON v Only the most recent macthed products and colors								
Monicolor 2401	Product: Exterior 2401 AABC		VI	nit:	g	🔽 Can size:	0,251	Color difference:	CMC 2:1
System overview	Color Card: Monicolo	r Nova 720	💌 Zo	one:	Default Zon	e		Configurable items	Details
	Products Colors	Compatible products							
Configuration	3 Pation								
Matching & Characterization	se Total cost /	I dE (CMC 2:1) COL	1 AN	MT COL 2	AM	COL 3	AM		
	2 AA 25,55	1,71 MS	1.17	MT	1.04	PT 2.17			
Characterization set	3 AA 25,33 4 AA 25,36	1,79 FT 4,05 MT	1.03	MS PT	1.08 1.28	PT 1.0			
Matching rules	4 AA 23,30	4,05	2.37	PI	1.20		(4	
Color matching									
	Matched Colors		dE:	4,83 Opa	city dE:	1,40 VOC (g / I):	Use s	elected
a Matching settings	NOVA F021		Colorant C	Lost (1 / l):		0,21 Total	Lost (1 / I): 25	5,21 🛛 🗊 Calculat	e alt. formulas
Statistics	NOVA F027			Color		Formula	Delta chart	Reflectance chart	
Results	NOVA F077						Border tolerance:	1,00	\$
Color correction	NOVA G052		D65				Axis:	a*,b*	~
Dispense queue	NOVA H016							db* -7,0	
Fill RGB(s)	NOVA H017							-5,0	
			A				da*	³⁰	
Management & Analysis							-7,0 -5,0 -3		5,0 7,0
								1,0	
Options								3,0	
Services & Replication			F11					5,0	
								7,0	
	Add to dispense que	Je 🖌 Acc	ept all	Acc	ept formula(:	s) 😤 Reject fo	ormula(s)	Reset	M Save
							-(-)		

3.The alternative formulas are displayed with color coding.

4.Click **Use selected** button to use an alternative formula.

Use selected

3.3.6 Make a color correction for a color formula

To make a color correction for a color, navigate into the **Matching & Characterization** \Rightarrow **Color matching** \Rightarrow **Color correction** page.

System Selection	Show -	only dispensed bu	not control.	1		Color diff	erence:	CMC 2:1	
Monicolor 2401 💌	Color card:	Monicolor Nova 720			🔷 Refresh		Change	Formula	Correctio
🖏 System overview	Color:	NOVA F016	, y	~	s Add	D65			
	Product:	Exterior 2401 AABC		~		A			
Configuration	History:	Current version (9/	16/2005 3:00:00 AM	1) 🔽		-			
Matching & Characterization	Status:	CONTROLLED AND	ACCEPTED			F11			
	Base code:		stract base: AA	~		Cost	€0.00	€0.00	€0.00
Characterization set	Can size:	0,1 🔽 Un	it: ml	~		Costall	€0.00	€0.00	€0.00
Statching rules	Zone:	Default Zone		~	🌗 New formula	Color	Compatible pr	under and the set	Reflectance
Color matching	Correction:	 Formula) Batch (colorants)				compatible pr	oducts Visual	Reflectance
Matching settings	Code	Formula	Change	New	Opt	Axis:	oler ance.	a*,b*	
	AA	90.0	chango	90.0	opt			db* -2.0	6
Statistics	MT	0.09		0.09	>•<				
Results								$ \rightarrow $	
Color correction	Π	0.03		0.03	>•<		- (-1.0	
🔊 Dispense qu	FT	0.02		0.02	><	da'	< []		X.
Fill RGB/					><	-2.0	-1.0	0.0	1.0
									1
olor correction)
								-1.0	
n one non took took took took took took took	Total	90.14	0.0	02-14					
Services & Replication								2.0	
2	Max tol	^{:al:} 3	ml 🔾	4					

1.Select a color card, a color, product, history, and the zone.

2.Click the Measure STD button to measure the color standard.

透 Measure STD

3.Click the **Measure formula** button to measure the draw down corresponding the formula version.

4. Click the Correction button to make a color correction for the formula based on the draw

down made with the original formula.

ਗ਼ Correction

3.3.7 Dispense a formula in the dispensing queue

To a formula in the dispensing queue, navigate into the **Matching & Characterization** \Rightarrow **Color matching** \Rightarrow **Dispensing queue** page.

🖲 s6main, s6local - InnovaTint - LA	B (Workgroup I	Edition) v1.0.2012.3.	30			_	JL
System Selection	Product:	Interior 2401 AAC		~			
Monicolor 2401	Colour in Ourou				Formula		
System overview	Colors in Queue		Abstract base code		Base code:		_
	NOVA F02	21 AA	AA		Abstract base code:		
Configuration		· · · · · · · · · · · · · · · · · · ·			Can size:	0,11	
Matching & Characterization					Unit:	ml	_
Characterization set							
Matching rules							
Color matching							
Matching settings							
Statistics	Recently disper	nced (Only colors sent from LAB)					
Results		Base code Abstract base cod					
Color correction							
Dispense queue							
Fill RGB(s)							
Management 9	1						
Dispensing							
queue							2
	and the second s						
	Expo	ort		Remove color	Rrint Label	🔥 Dispe	ns

1.Select a formula from the Colors in Queue list.

2.Click the **Dispense** button.

3.4 Fill the RGB values for the color card colors

To fill the RGB values for the non-measured colors in the color cards, navigate into the **Matching & Characterization** \Rightarrow **Fill RGB(s)** page.

In this page you can calculate RGB values for the not measured formulas by using the product characterization data. This function is used to display the formula color in the Basic and the professional versions when the matching engine is not used.

s6main, s6local - InnovaTint - LA System Selection	Products used for filling RGB-values:	
Monicolor 2401	Products used for him g Kgb-values: Product name	Selected
System overview	Exterior 2401 AABC	
	Exterior 2401 AAC	
Configuration	Exterior 2401 ABC	☑ (1)
Matching & Characterization	Exterior 2401 AC	
Characterization set	Interior 2401 AABC	
	Interior 2401 AAC	
Matching rules	Interior 2401 ABC	
K Color matching	Interior 2401 AC	
Management Re is	Calculate RGB values for formulas if missing one.	2
		Start 0%

1.Enable the check box **Selected** to select a color card.

2.Click the Start button.

Start

4 Management & Analysis

In Management & Analysis section, you can make zone configurations, view and edit formulas, set pricing, manage bar codes, execute data import and export, and to view statistics of your activities.

System Selection	
Monicolor 2401	
System overview	
Configuration]
Matching & Characterization	Management & Analysis
Management & Analysis	V
Cones	and the second second second second
Formula management	
Pricing	
Other	
Export and Import	
Statistics	
Site Inventory	
Options]
Services & Replication]

4.1 Zones

In Zones page you can:

- Create and edit zone names
- > Edit currency symbols and decimals used in zones
- > View products, groups, and color cards in zones
- > Add an advertizing material to be shown in the POS software

Zones page has three sub pages, in which you can:

- Set products to zones
- Set groups to zones
- Set color cards to zones

With the zone function, you can create the combinations of the products, the colorants, and the color cards to be used in the predefined zones. When the predefined zone is selected for the InnovaTint Shop installation package, user cannot see other products, colorants, or color cards, which do not below to this zone. This function allows you to create the pre-set combinations for the resellers, the distributors, as well as for the individual POS agents. You can also give the alternative names of the products, colorants, and color cards (and colors within color card), to be used in zones in this section. For all of the components, you can also set different pricings, and currency based on zone.

Note that database must include at least one zone, i.e. default zone, but there is no upper limit for the maximum number of zones.

The zones can also be set by a paint company. And the zone setup can be done based on the geographical location or by customers. And finally, the zones do not have any internal hierarchy among others.

4.1.1 Create a new zone

To create a new zone, navigate into the **Management & Analysis ⇒ Zones** page.

🥮 s6main, s6local - InnovaTint - LAB	B (Personal Edition) v1.*	1.2012.8.23_nightly	
System Selection	Zone: Default Zone	~	New Zone
Monicolor 2401		Overview Currency symbol: Currency advertising	rrency decimals 2
Configuration		Hoversburg	
Matching & Characterization			Choose Ads
Management & Analysis			
Zones	Products in zone	Groups in zone	Color cards in zone
Prode Fone Zones Pricing Image: Statistics Image: Statistics Image: Statistics	Exterior 2401 AABC Exterior 2401 AABC Interior 2401 AABC Interior 2401 AABC	Voods in Contraction	Aquate: SF Monicolor Nova 720

1.Click the New Zone button.

The Edit zone window opens up:

🤒 Edit zone	?
Zone name:	New_Zone
Currency symbol:	EUR
Currency desimals:	2 4
5	Ok Ocancel

2.Enter the name for the zone.

3. Enter the Currency symbol for the zone.

4.Select the number of the decimals displayed for currency in zone.

5.Click the **Ok** button.

🕑 Ok

When you have created a zone name, you can proceed to **Products in zone**, **Products in group**, or **Color cards in zone** pages to define settings for your zone.

4.1.2 Delete an existing zone

To delete an existing zone, navigate into the **Management & Analysis ⇒ Zones** page.

🤒 s6main, s6local - InnovaTint - LAB	3 (Personal Edition)	v1.1.2012.8.23_n [;]	
System Selection	Zone: Default Zone		🕞 New Zone 🖉 Edit Zone 🙀 Delete Zone
Monicolor 2401		Overv Currency symbol:	Currency decimals 2
Configuration			
Matching & Characterization			Choose Ads
Management & Analysis			
Cones	Products in zone	Groups in zone	Color cards in zone
Tone Prode Pone P	Exterior 2401 AABC Exterior 2401 AAC Interior 2401 AABC Interior 2401 AABC	Exterior Interior Woodstain	Aquatec SF Monicolor Nova 720
Ricing			
Other Other			
Export and Import			
Statistics			
Site Inventory			
Options			
Services & Replication			

1.Select the **Zone** from the drop down list.

2.Click the **Delete** button.

🍀 Delete Zone 👘

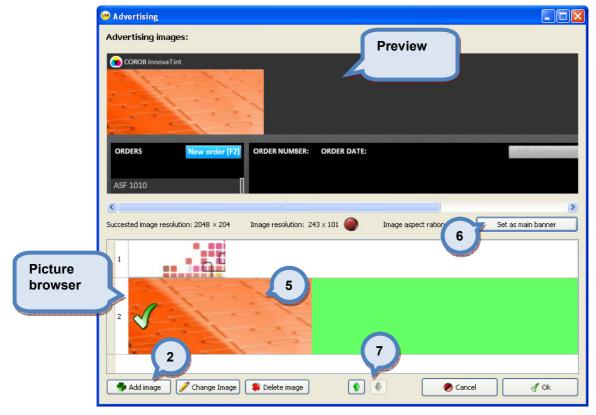
4.1.3 Set an advertising material

To set an advertising material, navigate into the **Management & Analysis** ⇒ **Zones** page.

🤒 s6main, s6local - InnovaTint - LAB	B (Personal Edition)	v1.1.2012.8.23_nightly		
System Selection	Zone: Default Zone	✓	🕞 New Zone 🥜 Edit Zone	🌋 Delete Zone
Monicolor 2401		Overvi	ew	
System overview		Currency symbol:	Currency decimals 2	
Configuration		Advertis	ng	
Matching & Characterization				Choose Ads
Management & Analysis				
Cones	Products in zone	Groups in zone	Color cards in zone	
Productions Cones Cones Pricing Pricing Pricing Pricing Pricing Statistics Statistics Site Inventory Dptions	Exterior 2401 AABC Exterior 2401 AAC Interior 2401 AAC Interior 2401 AAC	Exterior Interior Woodstain	Aquatec SF Monicolor Nova 720	
Services & Replication				

1.Click the Choose Ads button. Choose Ads

The **Advertising** window opens up:



2.Click the Add image button.

3.Select a picture to be used for an add.

4.Picture is placed in to the picture browser.

5.Select a picture from the picture browser with left mouse button

6.Click on the **Set as main banner** button (preview of POS software main window is displayed on the upper part of the window.

7.Use the arrow button to adjust the order of the pictures in the list. The order of the pictures in the list is the same order in which the pictures are displayed in the POS software banner area.

Note: All pictures in the Picture browser are shown in the InnovaTint Professional and Ultimate version with rotating or looping manner. In the InnovaTint Basic version, on the main banner is displayed.

2				<u>^</u>
2				
3	1 2			×
•	Add image 🕜 Change Image 🏶 Delete image	۲	🖉 Cancel	🖌 Ok

To change main banner image (this will replace current main banner image on the picture list with the new picture):

1.Click the Change Image button.

Note: If you want to replace main banner image with other picture already in the picture list, simply select a picture in the list and click the **Set as main banner** button.

To remove a image from the picture list:

1.Click the **Delete image** button.

4.1.4 Set a product to be included in a zone

To set a product to be included in a zone, navigate into the **Management & Analysis** ⇒ **Zones** ⇒ **Products in zone** page.

s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.0.2013			
System Selection	Zone: Default Zone		📄 New Zone 🛛 🖉 Edit	Zone 🏾 🏶 Delete Zo
Monicolor 2401 💌		to a state of the		
System overview	Product name	In use	Product zone name	
	Exterior 2401 AABC		Exterior 2401 AABC	
Configuration	Exterior 2401 AAC		Exterior 2401 AAC	
Matching & Characterization	Exterior 2401 ABC		Exterior 2401 ABC	
-	Exterior 2401 AC	2	Exterior 2401 AC	
Management & Analysis	Interior 2401 AABC		Interior 2401 AABC	
Zones	Interior 2401 AAC		Interior 2401 AAC	
Products in zone	Interior 2401 ABC		Interior 2401 ABC	
ducts in group	Interior 2401 AC		Interior 2401 AC	
Products gement in zone	Product Image			Change Imag
Other Other				Remove Imag
Export and Import				
Statistics				
Site Inventory		No.image		
Options		0		Reset
Services & Replication				
				💾 Save

1.Select the **zone** from the drop down list.

2. Enable check box In Use of product to be included in the zone.

3.Edit product name in **Product zone name** column if you like to display alternative name for the product when the zone is selected.

Set a product image for the product in a zone

To set a product image for the product in a zone, navigate into the **Management & Analysis** ⇒ **Zones** ⇒ **Products in zone** page.

System Selection	B (Workgroup Edition) v1.0.2012.3	1	📄 New Zone 🛛 🥖 Edit Zoni	e 🖉 Delete Zone
Monicolor 2401				
System overview	Product name	In use	Product zone name	
	Exterior 2401 AABC		Exterior 2401 AABC	
Configuration	Exterior 2401 AAC		Exterior 2401 AAC	
Matching & Characterization	Exterior 2401 ABC		Exterior 2401 ABC	
	Exterior 2401 AC	2	Exterior 2401 AC	
Management & Analysis	Interior 2401 AABC		Interior 2401 AABC	
Sones	Interior 2401 AAC		Interior 2401 AAC	
Products in zone	Interior 2401 ABC		Interior 2401 ABC	
roducts in group	Interior 2401 AC		Interior 2401 AC	
Products in zone Ing Other Export and Import Statistics Site Inventory	Product Image		DR™	Change Image
Options Services & Replication		any color y	ou see	Reset

1.Select the zone from the drop down list.

2.Select the product from the list.

3.Click **Change Image** button to set the product image to be shown on screen with this product in this zone. Change Image

🛛 🕑 Ok

4.Select **image** from browser opened, and click **Ok** button.

4.1.5 Create a new product group into a zone

To create a new product group into a zone, navigate into the **Management & Analysis** ⇒ **Zones** ⇒ **Products in group** page.

Product groups can be used to group similar kind of products to be used as set. Product groups can be set e.g. by product properties, like: interior quality / exterior quality.

🤒 s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.0.2012.3.30	
System Selection	Zone: Default Zone	1 New Zone / Edit Zone Scher
Monicolor 2401		
System overview	Groups	Group products Group image Filter products by name:
Configuration	Exterior 2401 ABC	Product zone name
Matching & Characterization	Cnew>	Exterior 2401 AAC
Management & Analysis	3	Exterior 2401 ABC
Zones		Exterior 2401 AC
Products in zone		Interior 2401 AABC Interior 2401 AAC
Color cards in group		5 01 ABC
Products in group		
Statistics		
Site Inventory		
Options	2	
Services & Replication		Delete Group

1.Select the Zone from the drop down list.

2.Click the Add Group button.

3.Enter the **name** for Product Group. Double click the <new> text to enable the text edit.

4.Select the **products** to be used in group from list (right side).

5.Click the arrow button to move the **products** to groups list (left side).

6.Products appear on Group products list (left side).

4.1.6 Delete a product group in the zone

To delete a product group in the zone, navigate into the **Management & Analysis** ⇒ **Zones** ⇒ **Products in group** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.0.2012.3.30				
System Selection	Zone: Default Zone		🔈 New Zone	🖋 Edit Zone	🍔 Delete Zone
Monicolor 2401					
System overview	Groups	Group pro	ducts Group image		
	Exterior 2401 AABC	Filt	er products by name:		
Configuration	Exterior 2401 ABC	Pr	oduct zone name		
	Honderion	Ex	terior 2401 AABC		
Matching & Characterization	C. <new></new>	Ex	terior 2401 AAC		
Management & Analysis	2	Ex	terior 2401 ABC		
Cones		Ex	terior 2401 AC		
Products in zone			erior 2401 AABC		
H 🖓 Products in group		Int	erior 2401 AAC		
Color cards in		In	erior 2401 ABC		
Color cards to a		Tol	erior 2401 AC		
Products					
in group					
mgroup					
Export and Import					
Statistics					
Site Inventory					
Options					
		3			
Services & Replication	🗳 Add Group 🔹 Up Down 🚸	Selete Group	7	🔷 Reset	Save

1.Select the zone from the drop down list.

2.Select the Product Group **name** from the list.

3.Click the **Delete Group** button.

4.1.7 Change a group image

To change the group image in the zone, navigate into the **Management & Analysis** ⇒ **Zones** ⇒ **Products in group** page.

🤒 s6main, s6local - InnovaTint - LAB	3 (Workgroup Edition) v1.0.2012.3.	.30	
System Selection	Zone: Default Zone	~	New Zone 1 Edit Zone Selete Zone
Monicolor 2401			
System overview	Exterior 2401 AABC		Group products Group image
Configuration	Exterior 2401 AAC Exterior 2401 ABC Exterior 2401 ABC Exterior 2401 AC	2	
Matching & Characterization	CONE ZONE		
Management & Analysis			
Sones			
Products in zone			
Products in group			CPS COLOR [™]
Color In zone			any color you see
Products			
in group 🧧			
toppers private port			
Statistics			3
Site Inventory			Remove Group Image
Options			
Services & Replication	🗣 Add Group	Selete Group	🔗 Reset 📄 Save

1.Navigate to the Group image tab page

2.Select a Group name from the list.

3. Click the Change Group Image button.

The **Images** window opens up:



1.Select a Image from the picture view section and click Ok button

Or

2.Click the Add image button to add new images to the picture view section and click Ok button.

4.1.8 Add a color card to be used in a zone

To a color card to be used in the zone, navigate into the **Management & Analysis** \Rightarrow **Zones** \Rightarrow **Color cards in zone** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.0.2012.3.30		
System Selection	Zone: Default Zone	1	New Zone	🖉 Edit Zone 🛛 🗱 Delete Zone
Monicolor 2401		Lange Contraction of	and the second se	
System overview	Card name	In use	Card zone name	Preferred
	Monicolor Nova 720		Monicolor Nova 720	
Configuration	NEW			
Matching & Characterization		2	3	4
Management & Analysis		and the second second		
Zones				
Products in zone				
Products in group				
Color cards in zone				
Formula management				
Pricing				
Other				
Export and Import				
Statistics				
Site Inventory				
Options				
Services & Replication				🐼 Reset 📑 Save

1.Select the zone from the drop down list.

2. Enable the **In use** check box of the color card to be used in the zone.

- 3.Edit the name on he Card zone name column if needed.
- **4.**Enable the check box **Preferred** to set the color card as the preferred color card.

4.1.9 Delete a color card from the zone

To delete a color card from the zone, navigate into the **Management & Analysis** \Rightarrow **Zones** \Rightarrow **Color cards in zone** page.

🤒 s6main, s6local - InnovaTint - LAE	3 (Workgroup Edition)	v1.0.2012.3.30		
System Selection	Zone: Default Zone	· _ 1	New Zone	🖉 Edit Zone 🛛 🗱 Delete Zone
Monicolor 2401		Contraction of the second seco		
System overview	Card name	In use	Card zone name	Preferred
	Monicolor Nova 720		Monicolor Nova 720	
Configuration	NEW			
Matching & Characterization		2	3	4
Management & Analysis				
Zones				
Products in zone				
Products in group				
Color cards in zone				
Formula management				
Pricing				
Other				
Export and Import				
Statistics				
Site Inventory				
Options				
Services & Replication				Reset Save

1.Select the zone from the drop down list.

2. Disable the In use check box of the color card to be used in the zone.

Note: this does not delete color card information from database, it only disables color card from this zone.

4.2 Formula management

In formula management page you can:

- Search formulas from database
- Create and edit formula
- View formula history
- > Set compatible formula when different products are sharing formulas
- > View formula prices

In this page, you can view, edit, and delete existing color formula, and also manually create new formula. In this page, you can also create multiple color formula for single color, and define which products are using which alternative formula. This page allows you to also rename colors used in different zones, and view formula pricing based on possible zone pricing.

System Selection	olor card:	Product: Formula
nicolor 2401 💌		Exterior 2401 AABC
System overview	🔲 Use filter	New Formula Formula details
System overview		
	Search	Formula de cans
Configuration	📄 Clear – 🧠 Add o	color Formula history: Current version V Basic Price Compatib
latching & Characterization	ASF 1010	Color code: ASF 1012
	ASF 1011	Abstract base: B
Management & Analysis	ASF 1012 ASF 1013	Base:
	ASF 1013	
Cones	ASF 1020	Can size: 0,251
	ASF 1021	Fill: 225,00 ml Color name(s):
🚜 Formula management	ASF 1022	VOC: 0/1
	ASF 1023	Status: CONTROLLED AND ACCEPTED
Batch operations	ASF 1024 ASF 1030	Unit: ml V
r bebieken	ASF 1030	Code A Formula Notes:
F-link inbox	ASF 1032	
Ris Pricing	ASF 1033	Primer color: <no card="" color="" primer=""></no>
Pricing	ASF 1034	VI 1.54
Other other	ASF 1040	Products using this formula
Other	ASF 1041	Interior 2401 AABC
Me Export and Import	ASF 1042	
Export and import	ASF 1043 ASF 1044	
Statistics	ASF 1050	
Statistics	ASF 1051	
Site Inventory	ASF 1052	
Site Inventory	ASF 1053	
	ASF 1054	
Options	ASF 1060	
	ASF 1061 ASF 1062	
Services & Replication	ASF 1062	
•	ASF 1064	SUM / TOTAL 4.31
		0% 100 % 🗘 200%
	ASF 1070	100 % 200 %
	ASF 1070 ASF 1071	

4.2.1 Search and view an existing formula

Monicolor 2401	System Selection	Color card:	Product:			Compatible formulas	
Bystem overview 0.06 Intel 2 w Formula Formula Formula Formula Formula Configuration Matching & Characterization AsF 1010 AsF 1011 AsF 1010 AsF 1020 AsF 1	Monicolor 2401			ABC	and the second s		_
Search Configuration Matching & Characterization Management & Analysis Asr 1010 Asr 1020 Asr 1021 Asr 1030 Asr 1030 Asr 1031 Asr 1031 Asr 1030 Asr 1031 Asr 1031 Asr 1032 Asr 1031 Asr 1032 Asr 1031 Asr 1030 Asr 1031 Asr 1031 Asr 1032 Asr 1031 Asr 1030 Asr 1030 Asr 1030 Asr 1031 Asr 1030 Asr 1030		🔲 Use filter	2	u Formula	Formula	— О <u>1-</u> П.УТ	Set
Configuration Image: Add corr Formula history: Current version Basi: Pite Compatible Matching & Characterization ASF 1010 ASF 1010 ASF 1011 Management & Analysis ASF 1010 ASF 1010 ASF 1010 ASF 1010 ASF 1010 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1020 Satus: Color name(s): Satus: CONTROLLED AND ACCEPTED Unit: Init:	System overview				romula		
Matching & Characterization ASF 1010 ASF 1011 ASF 1012 Creation date: 21.3.2000 2:00:00 ASF 1012 Color code: ASF 1012 Management & Analysis ASF 1011 ASF 1012 Astract base: B Color code: ASF 1012 Marching & Characterization ASF 1011 ASF 1012 Astract base: B Color code: ASF 1012 Marching & Characterization ASF 1011 ASF 1020 Astract base: B Color code: ASF 1012 ASF 1014 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1022 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1024 ASF 1024 ASF 1020 ASF 1020 ASF 1020 ASF 1020 ASF 1030		Search	Formunated				
Marching & Characterization As = 1010 Management & Analysis As = 1010 As = 1010 As = 1010 As = 1020 As = 1020 As = 1010 As = 1020 As = 1010 As = 1020 As = 1010 As = 1010	Configuration	Clear	Sorral Add color Formula history	: Current version	Basic Price	e Compatible	
Management & Analysis ASF 1011 Ask 1013 Maragement & Analysis ASF 1014 ASF 1014 Maragement ASF 1014 ASF 1014 ASF 1014 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1030 ASF 1030 ASF 1030 ASF 1040 ASF 1030 ASF 1030 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1041 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1040 ASF 1050 ASF 1050 ASF 1050	Matching 0 Chanastanization	ACT 1010	Creation date:	21.3.2000 2:00:00	Color code:	ASF 1012	
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Maringgenient to Analysis AsF 1013 ASF 1014 ASF 1021 ASF 1021 ASF 1021 ASF 1021 ASF 1023 ASF 1024 ASF 1023 ASF 1024 ASF 1023 ASF 1030 ASF 1031 ASF 1034 ASF 1041 ASF 1044 ASF 1044 ASF 1044 ASF 1044 ASF 1050 ASF			Abstract base:	D			
Image: Color Solution ASF (1020 Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (102) Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (102) Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (102) Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (102) Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (102) Image: Color Ass (102) Image: Color Ass (102) Image: Color Ass (102) ASF (103) Image: Color Ass (102) Image: Color Card> Image: Color Card> Image: Color Ass (103) ASF (104) ASF (104) Image: Color Card> Image: Color Card> Image: Color Card> Image: Color Card> Image: Color Ass (104) ASF (105) Image: Color Card>	Management & Analysis		Base:	В	~		
ASF 1021 ASF 1021 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1024 ASF 1031 ASF 1031 ASF 1034 ASF 1034 ASF 1034 ASF 1034 ASF 1041 ASF 1041 ASF 1041 ASF 1041 ASF 1043 ASF 1041 ASF 1044 ASF 1051 ASF 1043 ASF 1051 ASF 1051 ASF 1051 ASF 1051 ASF 1051 ASF 1054 ASF 1051 ASF 1053 ASF 1051 ASF 1054 ASF 1051 ASF 1051 ASF 1053 ASF 1054 ASF 1			Can size:	0.251	~		
As 1021 Pill 225,00 ml Regular As 1023 As 1023 Regular Regular Regular As 1003 As 1002 Regular Regular Regular Nc As 1003 As 1002 Regular Nc Nc Nc As 1003 As 1002 Regular Nc Nc Nc As 1004 As 1002 Regular Nc Nc Nc As 1004 As 1004 As 1004 Nc Nc Nc As 1004 As 1004 As 1004 Nc Nc Nc As 1004 As 1004 As 1004 Nc Nc Nc As 104 As 1004 As 1004 As 1004 Nc Nc Nc As 104 As 1044 As 104	Zones		3				
As F 1023 VOC: 9/1 Skdus: CONTROLLED AND ACCEPTED Formula As F 1024 Int: ml NC As F 1024 As F 1024 Nt: NC As F 1024 As F 1022 As F 1024 NC As F 1024 As F 1022 As F 1024 NC Nces: Nces: As F 1034 As F 1044 As F 1044 Nces: Nces: Nces: Nces: Statistics As F 1044 As F 1052 As F 1052 As F 1052 As F 1053 As F 1054 <			Fill:	225,00 ml			
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Formula anagement A5F 1030 A5F 1031 A5F 1032 AF 1032 AF 1032 AF 1034 A5F 1044 A5F 1044 A5F 1044 A5F 1044 A5F 1044 A5F 1044 A5F 1044 A5F 1044 A5F 1051 A5F						CONTROLLED AND ACCEPTED	
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Services & Replication ASF 1063 SUM / TOTAL 4.31 ASF 1070 ASF 1070 0% 100 % © 200%	Uptions						
SUM/TOTAL 4.31 ASF 1064 O% 100 % € 200% ASF 1071		ASF 1062					
ASF 1070 ASF 1070 ASF 1071	Services & Replication	ASF 1063	SUM / TOTAL	4.31			
ASF 1071							

To search and view an existing formula, navigate into the **Management & Analysis** ⇒ **Formula management** page.

- 1.Select the color card from the Color card drop down list
- 2.Use the search function and/or
- 3.Select the code from the list below.
- 4.Select the product from the drop down list

Note: Into the search box, you can either type the complete color code or the color name, or only part of the code or the name.

4.2.2 Search a formula with the filter function

To search a formula with the filter function, navigate into the **Management & Analysis** ⇒ **Formula management** page.

To use more options to restrict the search results, you can use the filter function. The filter function allows you to narrow search to selected product, or to selected colorants and /or their amounts. You can also restrict you search by the creation date.

System Selecti	Color card:		Product:			-Compatible formulas -		
Monicolor 2401	Monicolor Nova 720	~	🤒 Formula filt	er			? 🗙	1
System overview	Use filter		Filter formulas	by:		Ci	ear filter	
	Formulas in filter: 100		Product:	[Exterior 2401 AABC		~	
Configuration			Abstract base	: [A		~	1
Matching & Characterization			✓ Creation date	after:	6/10/2011		~	1
			Creation date	before:	6/9/2012		~	
Management & Analysis			No formula	L				
Cones			Component R	ules:				F
2								
Formula manageme	P Edit formu	a filter	Can size: 0,11			Unit: ml		ED V
			Colorant	Rule	Min amount	Max amount	^	
	Search		FT.	•				
Formula	📄 Clear	🌗 Add color	LS		1.00 ml	12.00 ml		
nanagement 🛛 🧧			LS LT					~
	NOVA F016 NOVA F017	<u>^</u>	MM					
Statistics	NOVA F018		MS				=	
	NOVA F021		MT					
Site Inventory	NOVA F027 NOVA F029		PT					
	NOVA F030		RS 📕					
Options	NOVA F031		RT RT					
	NOVA F032 NOVA F033		ST ST					
Services & Replication	NOVA F033		Π					
L	NOVA F038		US					
	NOVA F039		UT UT			4		
	NOVA F043		<		1111		Alexand P	
	NOVA F044					ОК 🔎	Cancel	
	NOVA F048 NOVA F050							
	NOVA F050	~	2 EUR		spense 💦 👘 Prin	r label 🛛 🐨 Kese		- 11 :

1.Enable the Use filter check box.

2. Click the Edit formula filter button.

3.Select needed the filter criteria from the pop-up window.

4.Click the Ok button.

Filter criteria can be:

- > Product
- Abstract base
- Creation date (before or after certain date)
- > No formula (the colors for which no formula exist in the database).
- > Minimum or maximum amount of any colorant
- Rule: Colorant must be included = green symbol
- Rule: Colorant not to be included = red symbol

4.2.3 Create a new formula

🤒 s6main, s6local - InnovaTint - LAB (Workgroup Edition) 👘 v1.2.2012.10.5 2 System Selection Color card: Product: Compatible formulas Exterior 2401 AABC 🖌 💿 Original Monicolor 2401 Use filter Set Ο 1 - Π, VT System overview 🝌 New Formula Search 3 Formula details Configuration 📄 Clear 🌗 Add color Formula history: Price Compatible Creation date: 21.3.2000 2:00:00 ASF 1012 4 ASF 1010 ASF 1011 Matching & Characterization Management & Analysis ASF 1012 ASF 1013 AA 1 ASF 1014 0,251 * Cones an size: 1 ASF 1020 ... Cold ne(s): ASF 1021 ASF 1022 ASF 1023 ASF 1024 ASF 1024 ASF 1030 ASF 1031 ASF 1031 ASF 1032 ASF 1033 ASF 1044 ASF 1044 ASF 1044 ASF 1044 ASF 1044 ASF 1054 ASF 1055 ASF 1053 -225,00 m 🕌 Formula managei 9/1 CONTROLLED AND ACCEPTED State Batr Jnit: ml ¥ Note ~ Code Formula Formula FT KS Prim color: <No Primer color card> * management Prod cts using this formula LS LT MM MS MT PT RS RT Me Export and Import **Statistics** Site Inventory ST Options ASF 1060 Π ASF 1061 ASF 1062 ASF 1062 ASF 1063 ASF 1064 ASF 1070 ASF 1071 ASF 1072 US Services & Replication SLIM (TOTA + 0.0 100 % 🗘 200% 🥜 Edit 🔥 Dispense 🔷 Reset 📑 Save 🧼 Print label Select all Clear selections

To create a new formula, navigate into the **Management & Analysis** ⇒ **Formula management** page.

1.Search and select the formula code from the list.

2.Select the product from the drop down list.

3.Click the New formula button.

4.Add the formula and other details as you wish

Note: If you wish to set this same formula to be used with other products, see instructions for the compatible formula on section: 4.2.5 Use same formula with different products.

When colorant amounts entered in to the formula do not match to the product or systems specific rules the following symbols are displayed in the formula table:

Code	Formula	^
📃 кs	30.0 📫	
MS	10.0 🥘	
ST ST	10.0 🔴	
LS	0.25 💻	
FT FT		
LT		
MM		
🔲 МТ		
PT		
RS 📃		
RT		~
0%		00%
	<u> </u>	1 1

The red button is displayed when non-acceptable colorant pair is used (as set in the System specific rules, see further instructions in the section 3.2.1).

The red plus symbol is displayed when the colorant amount is bigger than the upper limit set for the colorant (as set in the Product specific rules, see further instructions in the section 3.2.3).

The red minus symbol is displayed when the colorant amount is smaller than the lower limit set for the colorant (as set in the Product specific rules, see further instructions in the section 3.2.3).

4.2.4 Edit an existing formula

To edit an existing formula, navigate into the **Management & Analysis** ⇒ **Formula management** page.

🤒 s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.	2.2012.10.5		2		
System Selection	Color card:	Product:			Compatible formulas	
Monicolor 2401		Exterior 2401	AABC	Hard Contraction of the local diversion of th	🖌 💿 Original	
System overview	🔲 Use filter	N	sw Formula	Formula	- O 1 - RT, TT, VT	Set
	Search					
Configuration		dd color				
comgaration		Formula histor	Current version	Basic Pri		
Matching & Characterization	ASF 1010	Creation date:	21.3.2000 2:00:00	Color code:	ASF 1013	
	ASF 1011 ASF 1012	Abstract base:	AA			
Management & Analysis	ASF 1012	Base:	AA			
Zones	ASF 1014 ASF 1020	Can size:	0,251	4		
	ASF 1020	Fill:	225,00 ml		- -	
Formula management	ASF 1022	VOC:	g/l	Bart		
	ASF 1023	and the second se	ml	S atus:	CONTROLLED AND ACCEPTED	
	ASF 1030	Unit:			NC	
Formula	ASF 1031 ASF 1032	Code	 Formula 	A hotes:		
nanagement 📘	ASF 1032	FT		P imer color:	<no card="" color="" primer=""></no>	~
	ASF 1034 ASF 1040			F oducts using	this formula	
Ucner State	ASF 1040 ASF 1041	ц		hterior 2401	AABC	
	ASF 1042	MM				
Export and Import	ASF 1043 ASF 1044	MS				
Statistics	ASF 1050	MT				
	ASF 1051 ASF 1052	PT				
Site Inventory	ASF 1052	RS				
	ASF 1054	RT ST	0.08			
Options	ASF 1060 ASF 1061	Π	1.73			
Services & Replication	ASF 1062	US		V		
Services & Replication	ASF 1063 ASF 1064	SUM / TOTAL	2.35			
	ASF 1070	0%	3	200%		
	ASF 1071 ASF 1072		3 100000			
			Dispense	e 🛛 🐊 Print la	bel 🔷 Reset	Save
	Select all Clear sel	ections		e Princia	Ver V Reset	Save

1.Search and select the formula code you wish to edit.

2.Select the product you wish to edit.

3.Click the **Edit** button.

4. Make changes to the formula or other details as you wish.

Note: By editing the formula, you will create a new formula version. The older version(s) can be browsed by selecting the older version from **formula history** (5) drop down box.

Formula details	
Formula history:	Current version
Creation date: Abstract base:	Current version 5 Old version: 3 Old version: 2 Old version: 1

Note: The same color code can have different alternative formula for the different products. The alternative formulas are handled with the **Compatible** tab. See the description of these functions on following page.

4.2.5 Use same formula with different products

To set a color formula to be used with other products, navigate into the **Management & Analysis ⇒ Formula management** page.

The same color code i.e. the color in a color card, can have different color formula for different products, or same color formula can be used for all or some of the products. If different products have same (abstract) base(s), color formula can be shared. This is handled with Compatible products function (found in Compatible tab page). On this section is shown all products which have same (abstract) base(s) as product which is now selected. When **Uses this** check box is enabled this formula is used, and when **Uses other** check box is enabled, alternative used formula is currently for this product.

System Selection	Color card:		Product:		Comp	atible formulas	
Monicolor 2401		~	Exterior 2401 AA	ABC	✓ ○ ○	riginal	
System overview	Use filter		New	/ Formula	Formula	1 - RT, TT, VT	~
	Search						
Configuration	Clear	Add color	Formula details			2	
comgardaon			Formula history:	Current version	Basic Price Com	1	
Matching & Characterization	ASF 1010	^	Creation date:	4.4.2012 10:21:51	Product name	Uses this	Uses other
	ASF 1011		Abstract base:	AA			
Management & Analysis	ASF 1012		Base:	AA	Exterior 2401 AAC		
	ASF 1013 ASF 1014				Interior 2401 AABC		
🕥 Zones	ASF 1020		Can size:	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	Interior 2401 AAC		v
	ASF 1021		Fill:	225,00 ml	Interior 2401 AAC		
Formula management	ASF 1022 ASF 1023		VOC:	g/I			
tions	ASF 1023		Unit:				
Rions	ASF 1030		orne.	- -			1
Formula	ASF 1031		Code	 Formula 		and the second se	and an
Formula	ASF 1032 ASF 1033		RT	0.08			
anagement 📃	ASF 1035		Π	0.58			
E B	ASF 1040		VT	0.23			
	ASF 1041		10 m to - 200				
	ASF 1042						
Section 2 Sectio	ASF 1043						
	ASF 1044 ASF 1050						
Statistics	ASF 1050						
	ASF 1052						
Site Inventory	ASF 1053						
	ASF 1054						
Options	ASF 1060						
upuuns	ASF 1061						
	ASF 1062						
Services & Replication	ASF 1063		SUM / TOTAL	0.89	-		
	ASF 1064			-			
	ASF 1070		0%	100 % 🤤 200			
	ASF 1071		LI I I I I I		1		
	ASF 1072	~					

1. Enable Uses this check box to use this formula with selected product.

2.Enable radio button to view (select formula from the drop down list) to view alternative formula and products used with the one.

4.2.6 Delete an existing formula

To delete an existing formula, navigate into the **Management & Analysis** ⇒ **Formula management** page.

🤒 s6main, s6local - InnovaTint - LA	AB (Workgroup Edition) v1.2.	.2012.10.5		2		
System Selection	Color card:	Product:		2	Compatible formulas	
Monicolor 2401		Exterior 2401 A	ABC	Party and the second	🕑 📀 Original	
System overview	🔲 Use filter	Ne	w Formula	Formula	 O 1 - RT, TT, VT 	~
	Search			st formula to current v	ersion	
Conformation		Formula details	• M	ove formula to POS his		
Configuration	Clear Stad	Formula history	: Current version	ove formula to LAB his	tory	
Matching & Characterization	ASF 1010	Creation date:	4.4.2012 10:21:51	elete selected formula	3	
	ASF 1011	Abstract base:		elete LAB history		
Management & Analysis	ASF 1012	Base:		elete POS history		
	ASF 1013 ASF 1014		mm		<u> </u>	
Zones	ASF 1014	Can size:	0,251 \$ De	elete all color - product	formula(s)	
	ASF 1021	Fill:	225,00 ml	Color name(s):		
Formula management	ASF 1022 ASF 1023	VOC:	g/l	Status:	CONTROLLED AND ACCEPTED	
Batch operations	ASF 1023	Unit:	ml			
	ASF 1030	=		Notes:	NC	
	ASF 1031 ASF 1032	Code	 Formula 	Notes.		
Formula	ASF 1032	RT	0.08	Primer color:	<no card="" color="" primer=""></no>	*
	ASF 1034	Π	0.58	Products using		
anagement 📘	ASF 1040	T T	0.23	Interior 2401		
	ASF 1041 ASF 1042			Incentor 2401 /	MDC .	
Export and Import	ASF 1043					
	ASF 1044					
Statistics	ASF 1050 ASF 1051					
Site Inventory	ASF 1052					
Site inventory	ASF 1053					
Options	ASF 1054 ASF 1060					
Uptions	ASF 1061					
Services & Replication	ASF 1062					
Jei vices & Replication	ASF 1063 ASF 1064	SUM / TOTAL	0.89			
	ASF 1070	0%	100 % 🤤 20	00%		
	ASF 1071		<u> </u>	1.1		
	ASF 1072				_	
	Select all Clear select	tions 🖉 Edit	🔥 Dispense	int lab	el 🔷 Reset	💾 Sa

1.Search the Color code you wish to delete.

2.Select the Product from drop down list

3. Select the **Delete selected formula** option from the **Formula** drop down list.

4.2.7 Set a color name for the color code

To set a color name for the color code, navigate into the **Management & Analysis** ⇒ **Formula management** page.

System Selection	Color card:		Product:			Compatible	e formulas	
1onicolor 2401 💌	Monicolor Nova 720	~	Exterior 2401 AABC		*	Origin.	al	
System overview	Use filter		New Formula	🗯 Delete For	nula 🚽	0 1-	MT,RT, TT	Set
	Search							
			Formula details					
Configuration	Clear	🥙 Color names		? 🔀 🚩	Basic	Price	Compatible	
Matching & Characterization	NOVA F016	Color names			Color co	ode: NO	OVA F029	
·······	NOVA F017							
Management & Analysis	NOVA F018	Color preview						
Management & Analysis	NOVA F021							
Zones	NOVA F027			~			POLLO BAY	
Zones	NOVA F0.		4		Color n		POLLO BAY	
	NOVA F0		5	-	Color III	amo(syr		
Formula management	- no ni o	one name	name J					
E	NOVA F03	Default Zone			Status:	CC	ONTROLLED AND ACCEPTED 😒	
	1400041033	Default Zone	Barran Carlos	~		41		
	NOVA F037 NOVA F038	New Zone	APOLLO BAY		Notes:		-	
Formula	NOVA F038	NOW ZONC	HI OLEO BHI					
	NOVA F039						7	
management	NOVA F043				Primer of	color:	<no card="" color="" primer=""> ¥</no>	
-	NOVA F044		3		Product	s using this	formula	
Statistics	NOVA F048					or 2401 AAC		
statistics	NOVA F050		and the second se			or 2401 AAB		
	NOVA F052					r 2401 AAC		
Site Inventory	NOVA F060	Search Add name	🤝 Delete name					
	NOVA F060							
	NOVA F071	🖌 Ok	Cancel					
Options	NOVA F072	er ok						
	NOVA F077							
Services & Replication	NOVA F081							
	NOVA F081							
	NOVA F089							
	NOVA F089							
	NOVA F090							
	NOVA F095		L					
	NOVA F096							
	NOVA F098	~	Sedit State Di	spense 🧯	Print lab	bel	🔅 Reset 🛛 🛅 Sa	ave

button.

1.Search the Color code you wish to edit.

2.Click the button.

3.Click the Add name

4.Select the **zone** from the drop down list.

📥 Add name

5. Enter the name into the Color name column.

4.3 Pricing

To set pricing for colorants, paint cans, and base paints, select **Management & Analysis** \Rightarrow **Pricing**

In pricing page you can:

- > Set prices for colorants, cans, and products
- Set price groups
- > Copy prices from one zone to another zone
- Set locks

All prices in InnovaTint are shown with the currency symbol that has been defined in Windows Control Panel. To change, click Start button on Windows Task Bar, then **Settings** ⇒ **Control Panel** ⇒ **Regional Settings** ⇒ **Currency**.

Price calculation is driven by a number of parameters that may be inserted in the main db, and in the local db.

If the same parameter is found in multiple tables, the value from the highest priority is used. Parameter priority can be easily seen from the price tree on picture above, where Common – level has lowest priority and when navigating to lover levels on tree, parameters will over rule parameters on higher levels.

Price groups can be used to simplify price lists, or to allow for independent treatment of cheap and expensive colors. The basic idea is to round the price of tinting upwards to a few predefined levels. The Price groups are meant to allow the user to create a system that sets the prices to fixed levels inside set price ranges.

4.3.1 Set the price groups

To set pricing rules for colorants, paint cans, and base paints, select **Management & Analysis** ⇒ **Pricing**

	Zone: default zone	2 Copy zon	e prices to default zone	
Monicolor 2401 🔹	Prices	✓ Use price groups		
System overview	✓ Common ▷ Colorants	Price groups	3	
Configuration	Can sizes Products Locks		oup limit (colorant cost / nominal qua	ntity, in I or kg) for each price grou
Management & Analysis	Colors			
		Price group		Value 4
Zones		PG 1		5,00 €
Formula management		PG 2		10,00 €
Pricing		PG 3		15,00 €
Other Oth				
Pricing		Description	Value	
		Base margin rate		
Site Inventory		Colorant margin rate	2,50 %	
		Rounding step for (final) price	0,01	
Options		Rounding step for base price	0,01	
		Rounding step for colorant price	e 0,01	
Services & Replication		Rounding step for list price	0,01	
		Tax rate		
		Tinting fee		

To use the **price groups**:

- 1.Select zone from drop down list
- 2. Enable check box Use price groups
- 3.Select number of price groups
- 4.Enter values for price group limits

4.3.2 Set pricing rules for Colorants, can size, and products

To set pricing rules, navigate into the **Management & Analysis** ⇒ **Pricing** page.

System Selection	Zone: Default Zone	Copy zone price structu	re to Default Zone	
Monicolor 2401			Derauk zone	
	Prices	Price groups		
System overview	Common Colorants		No Price group items for selected	
	FT FT	Description	Value	
Configuration	KS	Colorant cost	Value	
Matching & Characterization	MM	Colorant margin rate		
	MS			
Management & Analysis	MT			
	PT RS			
Cones	RT			
	ST ST			
Formula management	π			
	US VT			
Rricing	XT XT			
Other	ZT			
	Can sizes			
Pricing	0,251			
Site Inven	+ button to navig	nate into		
Options	he lower level or	n the tree		
upuons		and a second		
Services & Replication		n men konst som men som som som som statiska att statiska att som		
Services & Replication				

Use tree view to navigate through colorants, can sizes and products. Using + symbol, you can view sub items on each category, like under colorants you will find each of single colorants, and its cost and margin information.

Note: See InnovaTint User manual for further instructions on pricing items.

4.3.3 Set locks for the pricing items

To set locks, navigate into the **Management & Analysis ⇒ Pricing** page.

In the locks section you can set each of price factor to be locked for editing on shop location with limited user rights.

Monicolar 2401 Configuration Matching & Characterization Management & Analysis Corrent Formula management Formula managem	System Selection	Zone: Default Zone	Copy zone price structure to Default Zone	
System overview Image: Constant States Configuration Imaching & Characterization Management & Analysis Image: Colorant States Image: Sort per can Image: Colorant Colo				
Image: product of normal Configuration Matching & Characterization Management & Analysis Image: product of the second per king of the seco	-		Description	Locked
Configuration Matching & Characterization Management & Analysis Imagement & Analysis	System overview	Colorants	Base cost per can	
Configuration Matching & Characterization Management & Analysis		Can sizes	Base cost per litre (for custom can size)	
Matching & Characterization Management & Analysis Colorant Code Team Colorant Code Code Code Code Code Code Code Code	Configuration	Locks	Base margin rate	
Management & Analysis	_	Colors	Base price	
Management & Analysis	Matching & Characterization		Colorant cost	
Somes Formula management Pricing Pricing Site Inventory Options Detailst price according to price group Enable price groups Price group link (colorant cost / nominal quantity, in lor kg) for each price group Rounding step for base price Rounding step for bas			Colorant margin rate	
Some Service group Price group Price group Control Control <td>Management & Analysis</td> <td>Locks</td> <td>Colorant price according to price group</td> <td></td>	Management & Analysis	Locks	Colorant price according to price group	
Price group		LUCKS	Enable price groups	
Pricing Pricing Other out Site Inventory Options	Zones		Price group limit (colorant cost / nominal quantity, in I or kg) for each price group	
Rounding step for base price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price Rounding step for lase price Image: Control of the price R	Formula management		Rounding step for (final) price	
Other out Rounding step for list price Pricing Tax rate Trining fee Trining fee Total list price according to price group Total list price according to price group Options Select locked	an I of India Management		Rounding step for base price	
Options Tax rate	Pricing		Rounding step for colorant price	
Pricing Site Inventory Options Fax rate Tinking fee Total list price according to price group Select locked			Rounding step for list price	
Pricing Total let price according to price group Options Select locked	Other out		Tax rate	
Site Inventory Options Select locked			Tinting fee	
Options Select locked	Pricing		Total list price according to price group	
	Options			

Note: See InnovaTint User manual for further instructions on pricing items.

4.4 Bar codes

4.4.1 Add a new bar code

To add a new bar code, navigate into the **Command barcodes tab** page of the **Management & Analysis** ⇒ **Other** page.

🤒 s6main, s6local - InnovaTint - LAB	8 (Workgroup Edition) v1.2.201	2.10.5	
System Selection	Command barcodes Formula barco	des	
Monicolor 2401			
System overview	Barcode 123412341	Command v	
Configuration	2	Cancel Continue Create new order Ok	
Matching & Characterization		Place and tint Place order Retry	
Management & Analysis		Skip Start dispensing	
Cones		3	
Formula management		and the second se	
Pricing			
Export mport			
Other			
Services & Replication			
	Add row Dele	ite row	💣 Reset 🕅 Save

1.Click the **Add row** button.

2. Enter the **barcode** to the empty row on the Barcode column.

3.Select the command to be executed when the bar code is read to from the drop down list **Command column**

The command options are:

- Cancel
- Continue
- Create new order
- OK
- Place and tint
- Place order
- Retry
- Skip
- Start dispensing

4.4.2 Add a new bar code for color-product-base paint-can size combination

s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.2.2012.10.5		
System Selection	Command barcodes Formula barcodes		
onicolor 2401	Colors	Formulas	Formula barcodes
System overview	Color card:	Product:	
System overview		Exterior 2401 AABC	Barcode
			123321
Configuration	Search:	Base:	
	ASF 1010	AA 2	6
Aatching & Characterization	ASF 1011	Can size:	U U
	A5F 1012	Can size coo	and the second se
Management & Analysis	ASF 1013 ASF 1014	0,251	
	ASF 1020		
Zones	ASF 1021	11	
July Formula management	ASF 1022	41	
an ormula management	A5F 1023 A5F 1024	4	
Rricing	ASF 1030	101	
	ASF 1031		
Other	ASF 1032 ASF 1033		
	ASF 1033 ASF 1034		
😭 Export ap 🛛 nport	ASF 1040		
	ASF 1041		
	ASF 1042 ASF 1043		
Other	ASF 1045		
	ASF 1050		
	ASF 1051		
	ASF 1052		
	ASF 1053		
Services & Replication	ASF 1054 ASF 1060		
	ASF 1061 ASF 1062		
	ASF 1062 ASF 1063		E
	ASF 1065		5
	ASF 1004		
	ASF 1070		📥 Add 🦐 🤜 Delete
	ASF 1072		
	ASF 1072		
	ACE 1074		💠 Reset 🛛 📑 Save

To add a new bar code, navigate into the **Formula barcodes tab** page of the **Management & Analysis** ⇒ **Other** page.

1.Select a **color code**. You can use color card selector and search fields to narrow down the list of the colors in the selector list.

- 2.Select a **product** from the drop down list.
- 3.Select a **base** paint from the drop down list.
- 4.Select a can size from the table.
- 5.Click the Add button.
- 6. Enter the **barcode** to the empty row on the Barcode column.

4.4.3 Delete a bar code

To add a new bar code, navigate into the **Command barcodes** tab page of the **Management & Analysis** ⇒ **Other** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.2.20	12.10.5	
System Selection	Command barcodes Formula barco	odes	
Monicolor 2401			
System overview	Barcode 123412341	Command Ok	
Configuration			
Matching & Characterization	1	and the second	
Management & Analysis			
Zones			
Formula management			
Pricing			
Other			
Export and Import			
Statistic			
Other Services & Replication			
	🐐 Add row 📃 🔫 Del	2 lete row	 🔷 Reset 📑 Save

1.Select the bar code you wish to delete.



4.4.4 Delete a color-product-base paint-can size combination bar code

To add a new bar code, navigate into the **Formula barcodes** tab page of the **Management & Analysis** \Rightarrow **Other** page.

System Selection Mondor 2401 System overview Configuration Management & Analysis Serici: Seric	🤓 s6main, s6local - InnovaTint - LAB ((Workgroup Edition) v1.2.2012	.10.5		
Image: System overview Configuration Matching & Characterization Search: Image: Clar Management & Analysis Search: Base: Image: Consigned and management Asp 1011 Asp 1011 Asp 1011 Asp 1011 Asp 1011 Asp 1012 Asp 1011 Asp 1021 Asp 1021 Asp 1021 Asp 1021 Asp 1021 Asp 1021 Asp 1021 Asp 1023 Asp 1023 Asp 1021 Asp 1024 Asp 1021 Asp 1021 Asp 1023 Asp 1021 Asp 1021 Asp 1024 Asp 1021 Asp 1021 Asp 1024 Asp 1021 Asp 1021 Asp 1025 Asp 1021 Asp 1021 Asp 1026 Asp 1021 Asp 1021 Asp 1026 Asp 1021 Asp 1021 Asp 1026 Asp 1021 Asp 1021	System Selection	Command barcodes Formula barcode	s		
Configuration Matching & Characterization Management & Analysis Imagement & Analysis <th>Monicolor 2401</th> <th>Colors</th> <th>Formulas</th> <th>Formula barcodes</th> <th></th>	Monicolor 2401	Colors	Formulas	Formula barcodes	
Configuration Matching & Characterization Management & Analysis Imagement & Analysis <th>System overview</th> <th>Color card:</th> <th>Product:</th> <th>Devende .</th> <th></th>	System overview	Color card:	Product:	Devende .	
Configuration Search: Clear Matching & Characterization ASF 1010 AA Management & Analysis ASF 1012 AA Imagement & Analysis ASF 1022 AA Imagement & Analysis ASF 1023 ASF 1023 Imagement & Asf 1023 ASF 1023 ASF 1023 Imagement & Asf 1023 ASF 1023 ASF 1023 Imagement & ASF 1023 <th></th> <th></th> <th>Exterior 2401 AABC</th> <th></th> <th></th>			Exterior 2401 AABC		
Matching & Characterization AF 1011 AG Conside: Image: Considerization Management & Analysis AF 1012 AF 1013 Image: Considerization Image: Considericon Image: Considerization <td< th=""><th>Configuration</th><th>Enauch</th><th>Base:</th><th>123321</th><th></th></td<>	Configuration	Enauch	Base:	123321	
Management & Analysis AF 1012 AF 1013 0.251 Imagement AF 1021 AF 1021 AF 1020 AF 1021 AF 1020 AF 1022 AF 1020 AF 1023 AF 1020 AF 1023 AF 1020 AF 1020 AF 1020 AF 1020 AF 1020 AF 1023 AF 1020 AF 1030 AF 1030 AF 1030 AF 1030 AF 1031 AF 1030 AF 1033 AF 1030 AF 1034 AF 1030 AF 1035 AF 1030 AF 1040 AF 1040 AF 1041 AF 1040 AF 1043 AF 1043 AF 1055 AF 1056 AF 1051 AF 1052 AF 1053 AF 1054 AF 1056 AF 1056 AF 1052 AF 1052 AF 1053 AF 1054 AF 1056 AF 1052 AF 1053 AF 1054 AF 1056 AF 1056 AF 1052 AF 1052 AF 1053 AF 1054 <	comparation				
Management & Analysis AF 1012 AF 1013 0.251 Imagement AF 1021 AF 1021 AF 1020 AF 1021 AF 1020 AF 1022 AF 1020 AF 1023 AF 1020 AF 1023 AF 1020 AF 1020 AF 1020 AF 1020 AF 1020 AF 1023 AF 1020 AF 1030 AF 1030 AF 1030 AF 1030 AF 1031 AF 1030 AF 1033 AF 1030 AF 1034 AF 1030 AF 1035 AF 1030 AF 1040 AF 1040 AF 1041 AF 1040 AF 1043 AF 1043 AF 1055 AF 1056 AF 1051 AF 1052 AF 1053 AF 1054 AF 1056 AF 1056 AF 1052 AF 1052 AF 1053 AF 1054 AF 1056 AF 1052 AF 1053 AF 1054 AF 1056 AF 1056 AF 1052 AF 1052 AF 1053 AF 1054 <	Matching & Characterization		Can size:		
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Image: Constant of the constant	Management & Analysis		0.251		
Ast 1022 Ast 1022 Ast 1022 Ast 1024 Ast 1030 Ast 1030 Ast 1030 Ast 1030 Ast 1030 Ast 1030 Ast 1030 Ast 1040 Ast 1050 Ast 10	2				
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Statisti ASF 1042 ASF 1043 ASF 1043 ASF 1044 ASF 1050 ASF 1050 ASF 1050 ASF 1051 ASF 1052 ASF 1052 ASF 1052 ASF 1054 ASF 1054 ASF 1060 ASF 1060 ASF 1070 ASF 1060	Export and Impor				
Other Asr 1043 Asr 1043 Asr 1044 Asr 1044 Asr 1044 Asr 1045 Asr 1045 Asr 1046 Asr 1046 Asr 1047 Asr 1047 Asr 1048 Asr 1048 Asr 1048 Asr 1048 Asr 1050 Asr 1051 Asr 1052 Asr 1052 Asr 1052 Asr 1052 Asr 1052 Asr 1052 Asr 1052 Asr 1052 Asr 1054 Asr 1052 Asr 1052 Asr 1052 Asr 1070 Total Asr 1054					
Other A SF 1044 ASF 1050 ASF 1051 ASF 1051 ASF 1052 ASF 1053 ASF 1053 ASF 1050 ASF 1053 ASF 1051 ASF 1053 ASF 1054 ASF 1054 ASF 1052 ASF 1052 ASF 1052 ASF 1052 ASF 1054 ASF 1052 ASF 1052 ASF 1052 ASF 1054 ASF 1052 ASF 1054 ASF 1052 ASF 1057 ASF 1054 ASF 10570 C	Statist				
Services & Replication Asr 1051 Asr 1052 Asr 1052 Asr 1053 Asr 1053 Asr 1050 Asr 1054 Asr 1060 Asr 1061 Asr 1052 Asr 1060 Asr 1054 Asr 1062 Asr 1052 Asr 1060 Asr 1060 Asr 1061 Asr 1062 Asr 1062 Asr 1070 C		ASF 1044			
Services & Replication ASF 1052 ASF 1054 ASF 1054 ASF 1064 ASF 1060 ASF 1060 ASF 1062 ASF 1062 ASF 1062 Image: Constraint of the second secon	Other				
Services' & Replication ASF 1053 ASF 1054 ASF 1060 ASF 1062 ASF 1062 ASF 1062 ASF 1062 ASF 1063 ASF 1064 ASF 1070 Control (Control (Contro) (Control (Control (Control (Contro) (Control (Con					
Services & Replication ASF 1060 ASF 1061 ASF 1061 ASF 1062 ASF 1063 ASF 1064 ASF 1070		ASF 1053			
ASF 1061 ASF 1061 ASF 1062 ASF 1063 ASF 1064 ASF 1064 ASF 1070 C	Services & Replication				
ASF 1062 ASF 1063 ASF 1064 ASF 1070	·				
ASF 1063 ASF 1064 ASF 1070					
ASF 1064 ASF 1070					2
ASF 1070					
		ASF 1071		Sector Se	Delete
ASF 1072					
ASF 1073			~	de Reset	M Save

1.Select a color code, product, base paint, and can size.

2.Select the **bar code** you wish to delete.

3.Click the **Delete** button.

4.5 Export and Import

To export a database to other the database or the file , navigate into the **Management & Analysis** \Rightarrow **Export and Import** page.

🤒 s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.0.2012.3.30	
 sómain, sólocal - InnovaTint - LAI System Selection Monicolor 2401 System overview Configuration Matching & Characterization Management & Analysis Zones Formula management Formula management Statistics Export and Import Statistics 	Select source Source Type: Select destination Destination Type:	
	M Back	Next ⋟

Before a local database can be extracted an empty database to write to is needed. Alternatively, existing database can be updated.

🤒 m_main, m_local - InnovaTint - LAB (Pe	ersonal Edition) v1.0.2011.11.11 - Beta	
System Selection Coltec 1000	Source and Destination selections	
Matching & Characterization Management & Analysis	Source selector	Destination selector
Cones		
Pricing	Select source Source Type: Current database	Select destination Destination Type: Current database
Export and Import		
Statis		
Export and Import		
		M Back Next 🐎

4.5.1 Create a database installation package from the current database

To export and import databases, select Management & Analysis ⇒ Export and Import

To create database installation package from current database:

Source and Destination selections	
Select source Source Type: Current database	Select destination Destination Type: Database installation package Destination settings Folder: C:/bk1 3
	M Back Next >>
1.Select Current database as source	
2.Select Database installation package as de	estination type

- 3.Select destination folder for installation package files
- 4.Click Next button

Selectable datatypes)
Color information	
Formula information	
Everything else	5
Product related information	
Data needed for matching	J

5.Select data types from list

	Zones	Systems 7 Monicolor 2401
6	Select Zones	
7	.Select Systems	
	Products and color cards checklist	
	Product template: 🔹 💌 😹	Color card template:
	Products	Color cards
8	 Exterior 2401 AABC Exterior 2401 AABCYR Exterior 2401 AAC Exterior 2401 ABC Exterior 2401 ABC Exterior 2401 AABC Interior 2401 ABC Varnish Woodstain 2401 	SPIRIT 1050 SPIRIT 1750 SPIRIT 504

8.Select Products (or select template)

9.Select Color cards (or select template)

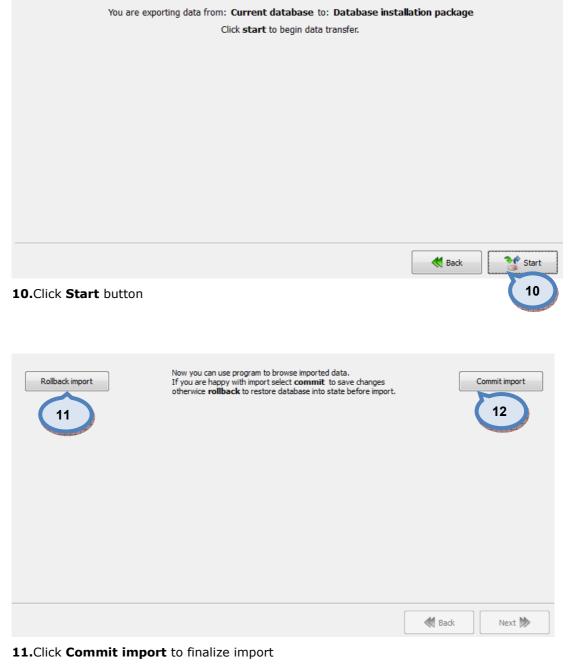
olor card renam	e rules:		l	Update preview		
Origina	l Code	New Code		Original Code C	Changed Code	
1 SPIRIT 1750		S 1750		SPIRIT 1750	S 1750	
1 SPIRI 1750		31/30		SPIRIT 1-1-1	S1-1-1	
2		b		SPIRIT 1-1-2	SPIRIT 1-1-2	
	а	U U		SPIRIT 1-1-3	SPIRIT 1-1-3	
3	Top particular de la companya de la comp	Constant in the	and and	SPIRIT 1-1-4	SPIRIT 1-1-4	
				SPIRIT 1-1-5	SPIRIT 1-1-5	
1				SPIRIT 1-1-6	SPIRIT 1-1-6	
5				SPIRIT 1-1-7	SPIRIT 1-1-7	
,				SPIRIT 1-10-1	SPIRIT 1-10-1	
5				SPIRIT 1-10-2	SPIRIT 1-10-2	
				SPIRIT 1-10-3	SPIRIT 1-10-3	
·				SPIRIT 1-10-4	SPIRIT 1-10-4	
				SPIRIT 1-10-5	SPIRIT 1-10-5	
3				SPIRIT 1-10-6	SPIRIT 1-10-6	
				SPIRIT 1-10-7	SPIRIT 1-10-7	
				SPIRIT 1-11-1	SPIRIT 1-11-1	
				SPIRIT 1-11-2	SPIRIT 1-11-2	
olor code renam	e rules:		-	SPIRIT 1-11-3	SPIRIT 1-11-3	
				SPIRIT 1-11-4	SPIRIT 1-11-4	
Origina	al code	New code		SPIRIT 1-11-5	SPIRIT 1-11-5	
SPIRIT 1-1-1		S1-1-1		SPIRIT 1-11-6	SPIRIT 1-11-6	
L SPIRIT 1-1-1		51-1-1		SPIRIT 1-11-7	SPIRIT 1-11-7	
2			=	SPIRIT 1-12-1	SPIRIT 1-12-1	
		_	-	SPIRIT 1-12-2	SPIRIT 1-12-2	
				SPIRIT 1-12-3	SPIRIT 1-12-3	
				SPIRIT 1-12-4	SPIRIT 1-12-4	
ŧ.				SPIRIT 1-12-5	SPIRIT 1-12-5	
				SPIRIT 1-12-6	SPIRIT 1-12-6	
5				SPIRIT 1-12-7	SPIRIT 1-12-7	
5			-	SPIRIT 1-13-1	SPIRIT 1-13-1	

To change color card name/code or color name/code,

a.Type original code to left side column

b.Type new code to right side column

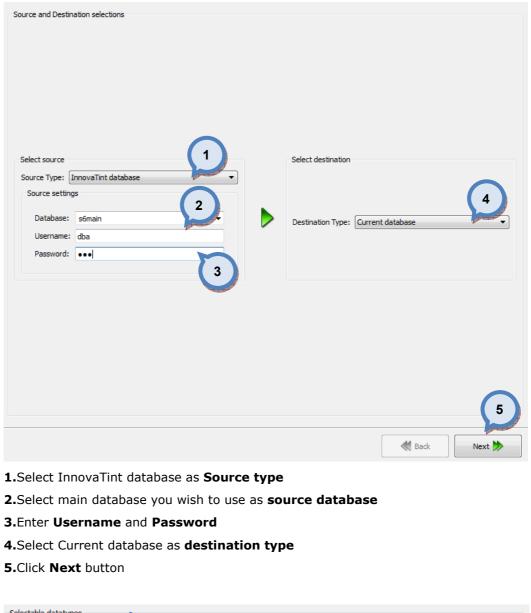
c.Click Update preview button



Or

12.Click Rollback import to undo import

To **import product, colorant, or color card information** from InnovaTint database to current InnovaTint database:



Selectable datatypes	
Color information	
Formula information	6
Everything else	
Product related information	
Data needed for matching	J

6.Select data types from list

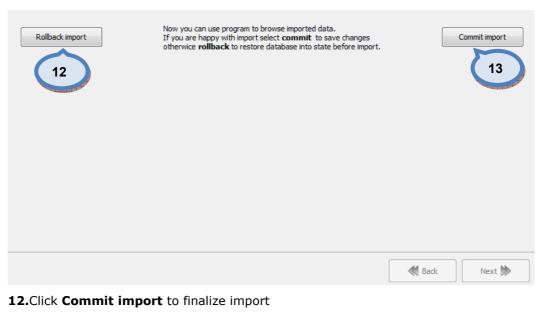
Zones	Systems
✓ default zone	Monicolor 2401
7.Select Zones	



9.Select Products (or select template)

10.Select Color cards (or select template)

You are exporting data from: Current database to: Database Click start to begin data transfer.	e installation package
	Back Start
11.Click Start button	11



Or

13.Click Rollback import to undo import

To import text file into current database:



- 1.Select Free text format as source type
- 2.Select file to be imported
- 3.Select Current database as destination type
- 4.Click Next button

mport settings		Item name	Fixed value	Column separator		
 Colors Color cards Formula In formula import "Colorant amount sublist" or "Colorant amount pairs" is compulsory First line is column header 		Color card) Tab 🔘 Comma 🔘 Custom:		
		Color code		Sub item separator O Default (;) Custom:		
		Color Code				
				Subsub item separator O Default (:) Custom:		
				Try to match columns		
Values are surro	ounded by:		Update Preview 5			
Drag items to match	n column data.					
Color card	Color code					
CARDNAME	COLOURCODE					
SUPER PLUS	SP 11-11-11					
SUPER PLUS	5P 11-11-11					
	SP 11-11-12			-		
SUPER PLUS				E		
SUPER PLUS SUPER PLUS	SP 11-11-12			E		
SUPER PLUS SUPER PLUS SUPER PLUS	SP 11-11-12 SP 11-11-13			E		
SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS	SP 11-11-12 SP 11-11-13 SP 11-11-14			E		
SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS	SP 11-11-12 SP 11-11-13 SP 11-11-14 SP 11-11-15			E		
SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS SUPER PLUS	SP 11-11-12 SP 11-11-13 SP 11-11-14 SP 11-11-15 SP 11-12-11			E		

If default settings are not correct, change settings click Update Preview button

5.Click Try to match columns

6.Click Next button

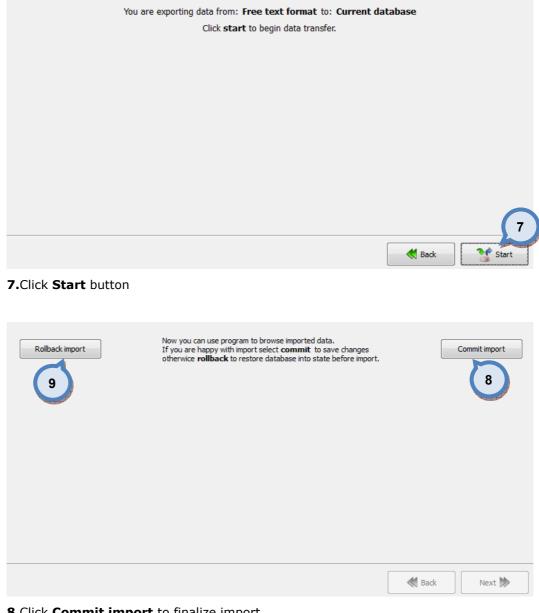


If prefix is needed infront of the codes

a.Type prefix to Color code prefix text box

b.Click Update button

6



8.Click Commit import to finalize import Or

9.Click Rollback import to undo import

4.6 Statistics

System Selection	Products		lorants	Colors	Customers		
onicolor 2401			iorancs				
	Limits						
💐 System overview	Group by:	Weekday	~	Site(s):	💌 📖 Peric	od: 6/10/2011 🚩 🕯	■ 6/9/2012 💌 Set range 🔹
Configuration]			Weekday:	×		Update
Matching & Characterization	Product	Litres sold	Cans sold	Average price of item		CLast sold item details	
	Monday	(0	0		
Management & Analysis	Tuesday Wednesda	(y (0 0	0		
Hanagement & Analysis	Thursday	y (0	0		
—	Friday	() (0	0		
Zones	Saturday Sunday	(0 0	0		No preview
Formula management	Sunday	,	J	U	U		NO PLEANEW
Pricing							
Other							
🗺 Export and Import						Order date:	
Statistics						Modification date:	
Juistice -						Colour code:	
Site Invento						Colour name:	
						Product name:	
Statistics						Base code:	
Statistics						Can size code:	
	A LOCAL DESIGNATION OF THE OWNER					Number of cans:	
						Litres:	
	SUM / TOTAL	0	0	0.00		Price:	

To view the tinting history, navigate into the **Management & Analysis ⇔ Statistics** page.

In statistics page you can:

- > View statistics of tinting history of local site or site groups filtered by:
 - > Products
 - > Colorants
 - > Colors
 - > Customers
- Export search result

🤒 InnovaTint Data Entry - LAB						
System Selection	Products	grants C	olors	Customers	ך	3
System overview	LIIIIILS					
	Group by: Weekday	▼ Site(s):	Helsinki	Perior	d: 15.8.2010 ▼	= 15.8.2011 ▼ Set range▼
Configuration		2 Weekday:		•		Update
Matching and Characterization	Product	Litres sold	Cans sold	Avarage price of item	Last sold item details	4
Management and Analysis	Monday	2522,03	2253	0,00		
Management and Analysis	 Tuesday BC multiply test 	2458,13 63,90	2213 83	0,00		
Zones	A B	22,50	55	0,00		
Luics	0,251	11,70	52	0,00		
Formula management		1,80	2	0,00		
		9,00	1	0,00		
Pricing	C Exterior ABC	41,40 157,72	28 173	0,00		
	Exterior ABCYR	164,92	173	0,00		
Other Other	Exterior AC	99	47	0,00	Order date:	15.3.2011 22:12:13
	Latex AABC				Modification date:	15.3.2011 22:12:13
Export and Import	Latex High	Navigat	to in	product		
	▷ Latex Mat / ▷ Woodstain				olour code:	SPIRIT 5-8-3
Statistics	Wednesday	tree by c	licki	ng arrow	olour name:	
	Thursday	b	utto	ns	oduct name:	BC multiply test
Options	 Friday Saturday 	-			ase code:	В
		2421,00	2343	0,00	Can size code:	0,251
Statistics					Number of cans:	1
					Litres:	0,23
	SUM/TOTAL	17400,60	16016	0,00	Price:	0,00 5
	-	in in				© Export

1.Select first if you wish to view statistics based on products, colorants, colors, or by customers.

2.Set limits to search results by site(s), weekdays, period of time, or combination of those

3.Set limits to search by any specific **date range** or by preset limit range, like: previous week, previous year, etc.

4.Click Update button

You can change your settings, and click "Update" button to have new search result. On statistics window, you can use arrows in tree view to open sub levels of items, e.g. base paints under product.

You can also use Export button (5) to export your search result to single text file for later analysis with other program like Excel, or to store tinting history.

4.7 Site inventory

To manage you colorant and base paint stock, select **Management & Analysis** ⇒ **Site inventory**

In this page you can view stock levels by can sizes on each site. This page has 2 tab pages: one for **Colorants** and one for **Base paints**.

System Selection	ί.	iearch:				
onicolor 2401		Colorant Inventory	Base paint	•		Only sites where warni
🖏 System overview		Site Colorant	Cansize	Count	Warn level	
Configuration						
Aatching & Characterization						
Management & Analysis]					
O Zones						
Formula management						
Ricing						
Other						
Export and Import						
Statistics						
Site Inventory						
Options]					
ite inventory						
	-					
		Site contact info				🗞 Reset 🗮 Save

5 Options

Options section has a four sub pages, where you can:

- > Install the dispensing equipments
- > Install the printers
- > Install the spectrophotometers
- > Activate or return your software license

System Selection	
Monicolor 2401	
System overview	
Configuration	
Matching & Characterization	
Management & Analysis	Options
Options	
Dispensers	
Dispensers	
Dispensers Dispensers Printers	

5.1 Dispensers

5.1.1 Set a default Flink file location

To set a default Flink file location, navigate into the **Options ⇒ Dispensers** page.

Default dispenser flink file location: System specifig dispenser flink file location: Syste Monicolor 2401	C:/wuser/CPSDriver/formula.dat	enser Flink file locations		
System specifig dispenser flink file location: Syste	s:	1		
Syste		1		
	511		Flink file location	
			Think his location	
		1		
				Reset

1.Click a button.

2.Select a Flink file from the file selector window.

Note: The Flink file name and location are used to set the formula (order) to the external tinting device (other tinting device than Corob). Communication between the InnovaTint and the Corob tinting equipment is handled automatically, but if user needs to use the tinting equipment by other supplier, Flink protocol can be used to send the formula information to this device. The driver of the tinting equipment need to be able to use the Flink protocol. If this procedure is used, the InnovaTint driver and the colorant Levels tab page are disabled.

5.1.2 Set a system specific Flink file location

System Selection		Dispe	enser Flink file locations		
Monicolor 2401	Default dispenser flink file location:	C:/wuser/CPSDriver/formula.dat			
System overview	System specifig dispenser flink file locations	1			
	Syster	n		Flink file location	
Configuration	Monicolor 2401				gift bage
Matching & Characterization					
Management & Analysis					
Options					
Jispensers					
Printerr					
Dispensers					
Services & Replication					

To set a system specific Flink file location, navigate into the **Options ⇒ Dispensers** page.

1.Double click with left mouse button the Flink file location column on the same rows as an appropriate system.

2.Select a Flink file from the file selector window.

Note: The Flink file name and location are used to set the formula (order) to the external tinting device (other tinting device than Corob). Communication between the InnovaTint and the Corob tinting equipment is handled automatically, but if user needs to use the tinting equipment by other supplier, Flink protocol can be used to send the formula information to this device. The driver of the tinting equipment need to be able to use the Flink protocol. If this procedure is used, the InnovaTint driver and the colorant Levels tab page are disabled.

5.2 Printers

5.2.1 Set a new default label printer

To set a default label printer, navigate into the **Options ⇒ Applications** page.

🤓 s6main, s6local - InnovaTint - LA	B (Workgroup Editio	n) v1.2.2012.10.5		
System Selection	Default printer			
Monicolor 2401				
System overview	Default label softwa	are:	AnyLabel	
Configuration	1		·	(1)
comguration	Default label printer		CutePDF Writer	· · · · · · · · · · · · · · · · · · ·
Matching & Characterization				2
Management & Analysis	Default number of d	opies:	1	
Options				
Dispensers	Default label layout	:	56aut.any	Add / Edit label
LAB Application				
Abbucación				
5m	Default folders / file	s		
Printers 🗧	Import folder:	C:\Documents and Settings\Admir	nistrator	
	J			
	Export folder:	C:\Documents and Settings\Admir	nistrator	
	Site export folder:	C:\Documents and Settings\Admir	nistrator	
	FLink-inbox file:	C:\Documents and Settings\Admir	nistrator\formula.dat	
				🔷 Reset 📃 Save

1.Select a printer from the drop down list.

Note: Printers in the drop down list (1) are set in the Windows settings. Please refer to Windows manual on how to set a new printer into the Windows.

Note: On the same page you can also set a **number of copies** to be printed as default by selecting a number on the selector field (2).

5.3 Spectros

5.3.1 Install a spectrophotometer

To install a spectrophotometer, navigate into the **Options ⇒ Spectros** page.

🤒 s6main, s6local - InnovaTint - LA	B (Workgroup Edition) v1.1.2012.7.2
System Selection	Spectrophotometer
Monicolor 2401	Currently installed device / driver:
System overview	Install spectro
	Spectro driver name: Datacolor
Configuration	Configure
Matching & Characterization	Use button on device
_	Gloss compensation for 0/45° instruments
Management & Analysis	Installed Spectro features:
Options	Calibrate spectro Check status
	Feature Value
Dispensers	
Printers	
Spectros	
Spectros	
\overline{G}_{0} is the two	

1.Select the device from the Spectro driver name drop down list.

button.	Configure	2.Click the Configure
button.	Configure	2.Click the Configure

The Add Instrument window opens up:

Add Instrum	nent				
Manufacturer Model		Datacolor Curre 110: Datacolor			3
Communicat	ion Paramet	er			
Port	COM1	-	Baud Rate	19200	•
Data Bits	8	Parity Bit	N	Stop Bit	2
Serial No	Γ		4		
		5			
	Add			Cancel	

3.Select the **Manufacturer** and the **Model** of your spectrophotometer from the drop down lists.

4. Enter the serial number of your spectrophotometer in to the Serial No text box.

5.Click the **Add** button.

5.3.2 Calibrate a spectrophotometer

To calibrate a spectrophotometer, navigate into the **Options** \Rightarrow **Spectros** page.

System Selection	Spectrophotometer		
Monicolor 2401	Currently installed device / driver: - Datacolor		
System overview	_Install spectro		
	Spectro driver name: Datacolor	✓	
Configuration	Co	figure	
	Use button on device		
Matching & Characterization	Gloss compensation instruments		
Management & Analysis	Installed Spectro fe		
	Calibrate spectro		Check statu
Options	Feature	Value	
🔥 Dispensers	Serial number of white standard	Value	
	Serial number of instrument		
Printers	UV mode		
Spectros 🔒	Triggers	Calibrate from software, Measurement from so	ftware
Acti	Calibrate sequence	White	
	Calibration needed	True	
Spectros	Specular mode		
Speciros	Aperture		
	Calibrate sp		

The Measurement main window opens up:

	surement Main Win	dow		×
Measureme 1 4 Single	nt conditions: Specular: INCL. UV % : 0 Multiple 8 Until 1		Aperture: Normal 3 1 6 brate Y Instrument Setup 7	Flashes: 100 Cut-off: NONE General Options
	Alibration conditions Specular Include Exclude Gloss Aperture Extra Large Large Medium Small Ultra Small Extra Ultra Small Auto-Zoom Calibration time interval	(hours) :	UV-Filter 100 % UV (Filter off) 0 % UV (Filter FL40) Filter FL42 Filter FL46 Calibrator % remaining part of UV UV-Excl.filters options Transmission 8	Calibrate Cancel
SIM1000	COM1:19200,N,8,1	Mult.:=4	Tol.:=CieLab F=1.00,DE=1.0	Close Time left=7:37

1.Navigate to calibrate tab page

The Calibration conditions window opens up (picture above)

2.Click the Calibrate

Calibrate button.

The **Prepare for calibration** window opens up.

Prepare for calibration					
Set black trap					
1 Ready Cancel					

1. Insert the **black trap** into the measuring opening of the spectrophotometer

2.Click the **Ready** button.

The **Prepare for calibration** window opens up.

1. Insert the white tile into the measuring opening of the spectrophotometer

2.Click the **Ready** button.

The **Prepare for diagnostics** window opens up.

Prepare for diagnostic					
Set up Instrument for Diagnostic Tile Measurement					
<u>R</u> eady					
1.Click the Ready Beady button.					

The **Diagnostics Test result** window opens up.

Diagnostic Test Result	
Instrument: SIM1000	123455 Moyal Ltd OK
Reference diagnostic tile:	Print
TEST SIM2000123455 SCI NOR.UVEXC	
Sample diagnostic tile	
TEST SIM2000123455 SCI NOR.UVEXC 120713 10:25	
Illuminant: D65/10	8 ^{R[%]}
Formula: CMC L = 2.0 C = 1.0 TF= 0.50	
Brightness L: Chromacity C: Hue h:	8
	8
Sample 56.84 31.86 152.07	8
Difference -0.00 0.02 0.03	
CMC delE 0.01	450 500 550 600 650 700
	430 300 300 800 700
1 .Click the OK button.	

5.4 Activation

To activate or de-activate your software select **Options** ⇒ **Activation**.

On this section you can activate your software with internet service (this function requires internet access on the computer this software is installed on), or you can use manual activation, which can be handled via emails or similar. Likewise, you can deactivate your software with internet service or manually.

5.4.1 Activate software with the online activation process

To activate your software navigate into the **Online activation** sub page of the **Options** \Rightarrow **Activation** page.

System Selection	(Workgroup Edition		int - I AB with 9	ervices & replica	tion activated
Monicolor 2401	Online activatio				
System overview	Unline activato	n Manual activation	Online deactivation	Manual deactivation	
Configuration		1			
Matching & Characterization		and the lot of the lot			
Management & Analysis					
Options					
Dispensers			2		
Printers	Licence code:		and the second se		3
Spectros				ACTIVATE NOW	and the second s
Activation					
Services of Ition					
ctivation					

1.Select Online activation tab page

2.Enter license code obtained during purchase of software

3.Click ACTIVATE NOW button

5.4.2 Activate software with the manual activation process

estimation, solocal - InnovaTint - LAB System Selection						
Monicolor 2401	InnovaTint - LAB with Services & replication activated					
	Online activation Manual activation Online deactivation Manual deactivation					
System overview						
Configuration	1. Navigate the Web site to activate					
Matching & Characterization						
Management & Analysis	www.internetactivation.com					
Options						
Dispensers	2. Provide the following information:					
Printers		and the second second				
Spectros	INSTALLATION ID: 18649375776711281460019892456985					
Service Lation	3. Customer service will provide you with the code to unlock the application. Enter the code here:					
Activation	4. Click the ACTIVATE button below.					
	ACTIVATE					

To activate your software navigate into the **Manual activation** sub page of the **Options** \Rightarrow **Activation** page.

1.Select Manual activation tab page

2. Click Copy to clipboard button to copy the installation ID into the clipboard.

3.Click the link <u>www.internetactivation.com</u> to navigate into the activation web-page. Activation web-page opens up.

	trusted activation" » <u>View your activations</u> » <u>de-activate license</u>
6	Welcome to the software activation or ter Please enter the Installation ID 4 se Number the custom 5 ith the product. INSTALLATION ID LICENSE NUMBER I have read and agreed to the terms and conditions
	Copyright 2011 - Nalpeiron terms and conditions

4.Paste installation ID into the INSTALLATION ID text box.

5.Enter licence number into the LICENCE NUMBER text box

6.Enable check box **I have read agreed to the terms and conditions** (after you have clicked hyperlink to the conditions, and you agree on it).

7.Click the Generate to unlock code button



8. Click Copy to clipboard button to copy the activation code into the clipboard.

System Selection		Innoval	int - LAB with S	ervices & replication ad	tivated
Monicolor 2401	Online activation	Manual activation		Manual deactivation	
System overview					
Configuration	1. Navigate the We	eb site to activate the	licence:		
Matching & Characterization					
Management & Analysis			www.intern	etactivation.com	
Options					
🔥 Dispensers	2. Provide the foll	owing information:			
Printers					
Spectros	INSTALLATION ID:	1864937577671128	1460019892456985		Copy to clipbe
Activation Services & F	3. Customer servic	e will provide you wit	n the code to unlock the	application. Enter the code here:	9
Activation					and the second s
Activation	4. Click the ACTIV	ATE button below.			10
				ACTIVATE	and the second second

9.Paste unlock code into the text box.

10.Click the **ACTIVATE** button.

5.4.3 Deactivate software with the online deactivation process

To deactivate your software navigate into the **Online deactivation** sub page of the **Options** \Rightarrow **Activation** page.

System Selection		Innoval	int - LAB with §	Services & replication a	ctivated
Monicolor 2401	Online activation	Manual activation	Online deactivation	Manual deactivation	
System overview					
Configuration					
Matching & Characterization					
Management & Analysis					
Options					
Dispensers				2	
Printers	Licence code:			Street and	3
Spectros				RETURN LICENCE	and the second sec
Activation					
Services & Replication					
Activation					

- 1.Select Online deactivation tab page
- 2.Enter license code obtained during purchase of software
- 3.Click RETURN LICENSE button

5.4.4 Deactivate software with the manual deactivation process

System Selection	InnovaTint - LAB with Services & replication activated
Monicolor 2401	Online activation Manual activation Online deactivation Manual deactivation
System overview	
Configuration	
Matching & Characterization	1. Deativate program
Management & Analysis	
Options	
Dispensers	2. Navigate the Web site to deactivate the licence:
Printers	
Spectros	www.internetactivation.com
Activation	3. Provide the following information:
Services 8 Ation	3
	and the second
Activation	Deactivation Certificate:

To deactivate your software navigate into the **Manual deactivation** sub page of the **Options** ⇒ **Activation** page.

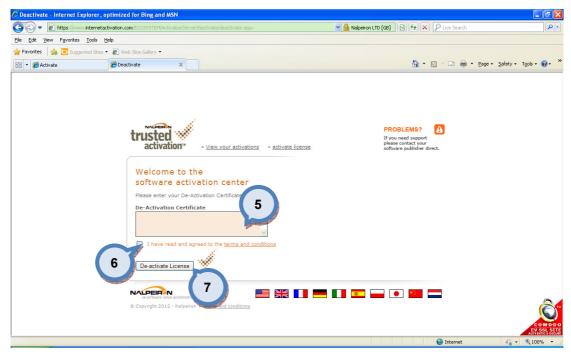
1.Select Manual deactivation tab page

2. Click Deactivate program button.

3.Copy the Deactivation certificate by selecting the whole text field with ctrl+A and ctrl-C keyboard buttons.

4.Click the link <u>www.internetactivation.com</u> to navigate into the deactivation web-page.

DeAactivation web-page opens up.



5.Paste deactivation certificate into the **De-activate Certificate** text box.

6.Enable check box **I have read agreed to the terms and conditions** (after you have clicked hyperlink to the conditions, and you agree on it).

7.Click the De-activate licence code button

6 Services & Replication

Services & Replication section has four sub pages, where you can:

- Set network server settings
- > Manage users and their passwords and access rights
- > Make backups of your database
- Set replication settings

System Selection	
Monicolor 2401 🛛 👻	
System overview	
Configuration	
Matching & Characterization	
Management & Analysis	
Options	Services & Replication
Services & Replication	
Network server setup	
liser management	
Backup	
Replication	J

Note: When making changes to the settings in this section, user need to login in to the program as an administrator in order to set all options active.

6.1 Network server setup

To setup network server, navigate into	Services & Replication	Network server setup

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.1.2012.7.20	
System Selection	Create service:	
Monicolor 2401	Clients on network server: 5	
System overview	This will create network server service called by "CPS InnovaTint Data - {Server name} " Service is by default set to automatically start when computer is restarted.	
	Server name: InnovaTintData Server log file:	
Configuration	Database file Database name	
Matching & Characterization		
Management & Analysis		🏠 Create service
Options		
Services & Replication	Add database	
Network server setup	Services:	
	© Refresh Details:	
💩 User manager	Service Running Service name:	
	Server name:	
etwork server	Server Log file:	
	Database file Databas	e name
setup		
-		
	Use server 🔿 name 🔿 ip in ODBC settings.	

6.2 User management

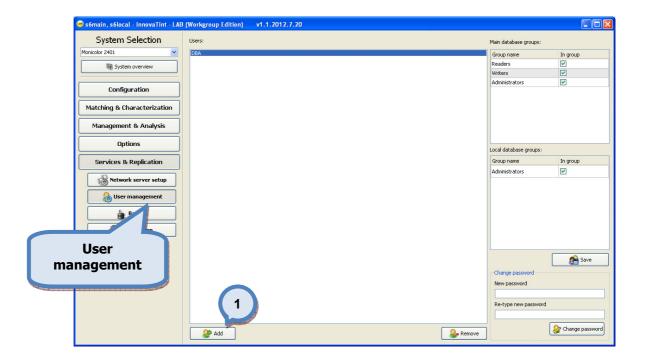
In the User management page, you can

- Add new users
- Delete an existing users
- Change passwords for the existing users

System Selection Mendolog 2401 System overview Configuration Matching & Characterization Management & Analysis Options Services & Replication Stronces were setup Stronces were setup Stronces were setup Pender Pender Services & Replication	🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition)	v1.1.2012.7.20				
System overview Configuration Matching & Characterization Management & Analysis Options Services & Replication Retry new password	System Selection	Users:				Main database groups:	
Configuration Matching & Characterization Management & Analysis Options Services & Replication	Monicolor 2401	DBA				Group name	In group
Configuration Matching & Characterization Management & Analysis Options Services & Replication Wetwork server setup Wetwork server setup Wetwork server setup Sore Charge password Retype new password Retype new password Retype new password <	System overview						
Configuration Matching & Characterization Management & Analysis Options Services & Replication						The second secon	
Management & Analysis Options Services & Replication	Configuration					Administrators	
uptions uccal database groups: Services & Replication Group name image: service setup image: service setup image: service setup	Matching & Characterization						
Services & Replication Servic	Management & Analysis						
Administrators	Options					Local database groups:	
Image: Source setup Image: Source setup Image: Source setup Image: Source setup <td>Services & Replication</td> <td></td> <td></td> <td></td> <td></td> <td>Group name</td> <td>In group</td>	Services & Replication					Group name	In group
User management User nanagement Change password New password Re-type new password Re-type new password						Administrators	
User nanagement	Network server setup						
User anagement New password Re-type new password	liser management						
anagement Change password New password Re-type new password							
Change password New password Re-type new password R	User						
New password Re-type new password							👰 Save
Re-type new password	nanagement					Change password	
Re-type new password						New password	
Add Ada Remove						Re-type new password	1
Add Add Anage passed							
		🔒 Add			& Remove		🎯 Change password

6.2.1 To add new user

To add a new user, navigate into the **Options ⇒ User management** page.



1.Click Add button

😬 Add user	-	? x
Username:	USER 1	2
	Username free!	3
Password:	•••••	4
Retype password:	••••••	
	5 Add user	Cancel

2.Enter username to Username textbox
3.Enter password to Password text box
4.Re-enter password to retype password text box
5.Click Add User button

System Selection Users:	Main database groups:
Monicolor 2401	Group name In group
System overview	Readers 🔽
	Writers 🔽
Configuration	Administratore
Matching & Characterization	
Management & Analysis	
Options	Local database groups:
Services & Replication	Group name In group
	Administrators
Network server setup	
loser management	
Backup	
User	
nanagement	Change 7 0 2 5a
	Re-type new password
Add	😞 Remove

6.Enable In group check box to use pre-set user rights for user.

7.Click Save button

6.2.2 To delete user

To delete an existing user, navigate into the **Options** \Rightarrow **User management** page.

🤒 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.1.2012.7.20	
System Selection	Users:	Main database groups:
Monicolor 2401	DBA	Group name In group
System overview		Readers 🔽
		Writers 🔽
Configuration		Administrators 🖌
Matching & Characterization		
Management & Analysis		
Options		Local database groups:
Services & Replication		Group name In group
		Administrators 🔽
Network server setup		
🔒 User management		
User		
		Save
management		Change password
		New password
		new password
		2
	Add	Remove and Remove

1.Select user by clicking user name

2.Click Remove button

6.2.3 To change user password

To change a password for an existing user, navigate into the **Options** \Rightarrow **User management** page.

System Selection	sers: Mair	in database groups:	
Monicolor 2401	DEA Gr	oup name	In group
System overview	Re		 Image: A start of the start of
Configuration	Ad	ministrators	
Matching & Characterization			
Management & Analysis			
Options	Loci	al database groups:	
Services & Replication	Gri	oup name	In group
	Ad	Iministrators	V
Network server setup			
🚷 User management			
User			-
nanagement		L	
		hange password	2
a local de la constant de la constan	N	lew password	
		e-type new password	
			20100
		-4	Change passwo

1.Select user by clicking user name

2.Enter new password to New Password text box

3.Re-enter new password to Retype new password text box

4.Click Change password button

6.3 Backup

In backup page you can:

- > Make backup if database you are working with
- > Restore previously made database

There are 2 tab pages on this section; one for **backup** and one for **recover**.

Monicolor 2401	Backup Recov	N		
Matching and Characterization		 Hourly starting at 		
Management and Analysis		◎ Daily at 15:00		
Options	Backup interval:	Weekly on Monday at 15:00		
Spectros		◎ First of every month at 15:00		
💩 User management	Last run time:			
Backup				🔅 Refresh
Ren	Next run time:			
Backup		Full Backup Now	Incremental Backup Now	
		Validate Da	tabase	
		Apply Set	ttings	

6.3.1 Make database backup

To make **backup** file of your database navigate into the **Backup** tab page of the **Options** ⇒ **Backup** page.

🤓 s6main, s6local - InnovaTint - LAB	Workgroup Edition) v1.1.2012.7.20	
System Selection	Backup Recover	
Monicolor 2401		
System overview	Backup directory:	J
Configuration	2 Use time machine (Creates a backup hourly for 24 hours and then starts writing over the created backups)	
Matching & Characterization		
Management & Analysis	Hourly starting at	
Options	O Dally at 15:00 C	
Services & Replication	© Weekky on Monday v at 15:00 €	
Network server setup	First of every month at	
💩 User management	Last run time:	
Backup		💠 Refresh
Replic	Next run time: 6	
Backup	Full Backup Now	
васкир		
	Validate Database	
	5	
	Apply Settings	

- **1**.Click **button to select or create backup directory**
- 2.Enable Use time machine check box if needed ¹⁾
- 3.Set backup interval
- 4.Click refresh button to see next scheduled backup time on Next run time text box5.Click Apply settings button

To make full backup immediately

6.Click Full Backup Now button

- 7.Select backup directory
- To check database integrity

8.Click Validate Database button

¹⁾ Use time machine function stores latest 24 database backup files in network server and, therefore, save disk space.

6.3.2 Recover a database

With database recovery function, you can pre-view and recover previously made database back-up. Current database files will be moved under "old" folder and previously made back-up database will be replaced to use.

To **recover** the database, navigate into the **Recover** tab page of the **Options** \Rightarrow **Backup** page.

Backup	R	ecover									
Backup	directo	ory:						C:\wuser\Backup\			Analyze folder 2
e		k	esäkuu	L 201	2		•	12.6.2012 12:55:00			Username: dba
	ma	ti	ke	to	pe	la	su				
22	28	29	30	31	1	2	3		(5	5	Password: •••
23	4	5	6	7	8	9	10			- Inde the state	
24	11	12	13	14	15		17				Analyze selected backup
25	18	19	20	21	22	3	24				
26	25	26	27	28	29	Ŭ	1				Recover database _
27	2	3	4	5	6	7	8				
Item									Count	Select	
											ted
	an size haract								24 2		
20									2		
	Test	UVAII									
⊳ c	olor Ca	ards							9		
⊳ C	oloran	ts							61		
⊳ c	olors n	ot in a	iny cai	rd					6208		
⊳ Fo	ormula	s							42579		
	latchin								0		
	rice inf		ion						3		
	roduct								4		
	roduct								58		
	ubstrat								4		
	/stem								1 4		
⊳ U	/stems nite								4		
⊳ Z									3		
											Recover selected items

Toiminta:

1.Click **button** to select or create **backup directory**

2.Click the Analyze folder button.

 ${\bf 3.}$ The calendar will display the dates with the valid backup file with the green background colour.

4.Select date from the calendar.

5.Select the **backup file** from the list. The list will display the backup files with the times.

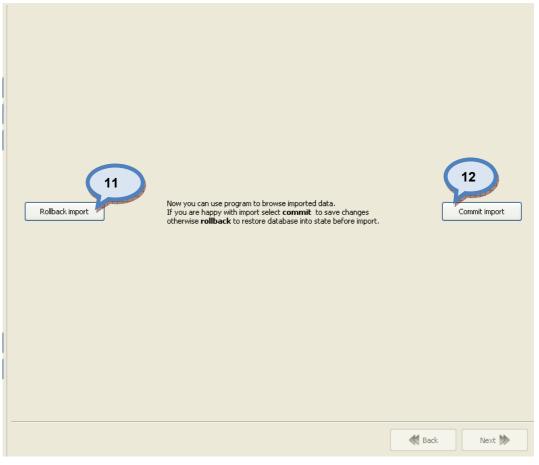
6.Enter the username and the password for the backup database.

7.Click the Analyze selected backup button.

8. The list will display the item details of the backup file.

9.Select items to be recovered from the list by enabling the check box of desired item.

10.Click the Recover selected items button.



11.Click the **Rollback import** button to cancel the recover process.

12. Click the **Commit import** button to proceed to recover process.

6.4 Replication

In the Replication page, you have four tab pages:

- Consolidate settings
- > Site management
- > Statistics
- Replication log

🤒 s6main, s6local - InnovaTint - LAI	3 (Workgroup Edition) v1.1.	2012.7.20		
System Selection	Consolidate settings Site mana	gement Statistics Replication logs		
Monicolor 2401	FTP			
System overview				
Configuration	Host:	homeoffice		
coniguration	User:	me		
Matching & Characterization				
Management & Analysis	Password:	•••		
Options	Root directory:	hjj		
Services & Replication	Port:	21	(Default 21)	Check FTP connection
Network server setup	Replication schedule			
liser management	O Hourly	starting at 15:00 🗘		
Backup	 Daily at 			
Replication	Replication interval:	on Monday V at 15:00 🗘		
		every month at 15:00 🗘		
		on interval: 180 min 🗘		
Replication		n interval: 180 min 💌		
Replication	Last run time:			
	Next run time:			
	Replicate now			Apply setting

6.4.1 Make consolidation settings

To make consolidate settings, navigate into the **Consolidate settings** tab page of the **Options** ⇒ **Replication** page.

System Selection	Consolidate settings Site ma	agement Statistics Replication logs
Monicolor 2401	FTP	
System overview		1)
Configuration	Host:	homeoffice
Matching & Characterization	User:	me 2
Management & Analysis	Password:	
Options	Root directory:	hii 3
Services & Replication	Port:	21 (Default 21)
Metwork server setup	C Daily Replication interval: First of	starting at 15:00 \$ t 15:00 \$ y on Monday ¥ at 15:00 \$ f every month at 15:00 \$
Replication	Last run time:	
	Next run time:	
6	Replicate now	Apply settings

1.Enter host name

2.Enter user name and password

3.Enter root directory and port

You can also check connection settings are correct by clicking **Check FTP connection** button

4.Set replication interval settings (time)

5.Click Apply settings button

6.You can also click Replicate now to start replication immediately, as long as FTP settings and user info is set.

6.4.2 Create a new site

To create a new site, navigate into the **Site management** tab page of the **Options** \Rightarrow **Replication** page.

System Selection	Consolidate settings	Site management Stati	stics Replication log	z		
Monicolor 2401 💌	Site name: Var	taa				served!
🥡 System overview	Phone number:					🛞 Create site
Configuration	Email:					
Matching & Characterization	Address: Zip code:			Ç.		2
Management & Analysis	Replication Group:	Replication for shop	0	Replication for LA 3	4 Add rep	lication group
Options	י ור	ault Zone		And Providences	Add rep	lication group
Services & Replication	Limit replication:	One way replication for local One way replication for main			5	
Network server setup	Filter by site name:			,		and the second se
& User management	Site name	Group / Zone	Туре	User / Folder	Last received	
Backup	Vantaa (Main)	Default Zone	FTP	site1	-	Sedit site
Replication	Vantaa (Local)	(LAB)	FTP	site1	-	
						Synchronize selected database
Replication						
						Re-export site
						Remove site

- 1.Enter site name to Site name field
- 2.Enter contact information
- 3.Select Replication Group from dropdown list
- 4.Select Zone from dropdown list
- 5. Enable check boxes One way replication if needed
- 6.Click Create site button
- 7.Select folder for file from browser or create new folder

8.Click Ok button

Note: The administration rights are needed, and settings at the first page (consolidate settings) needs to be prefilled In order to create a new site.

6.4.3 Create a new replication group

To create a new replication group, navigate into the **Site management** tab page of the **Options ⇒ Replication** page.

Consolidate settings	Site management Statistics Replication logs	
Site name: Phone number: Email:		Site name too short!
Address: Zip code:	Country:	Create site
Replication Group: Site zone:	NO_REPL default zone	Add replication group
Limit replication:	One way replication for local database. (From site to consolidate) One Add replication g Solidate to site)	
	Group / Group name: 2 Last receiv	ved
	default : OK Cancel - Group_vant 3 TP site1 -	Synchronize site
	Group_vantaa FTP site3 -	
		Re-export site
		Remove site

1.Click Add replication group button.

2. Enter name for group into Group name text box

3.Click Ok button

Replication group determines they way of handling of local database (if replication is enabled in both directions). When locals sites have same replication group, they are sharing all formulations, customer data and dispensing history, but they cannot see same information of local sites with different replication group.

6.4.4 Re-export a site

To re-export a site, navigate into the **Site management** tab page of the **Options** \Rightarrow **Replication** page.

When replication process has run into an error, you can use **Re-export site** button to reexport database to selected site.

Monicolor 2401	Site name: Van		stics Replication log		1.0	te name is reserved!	
System overview		taa			5	te name is reserved!	
	Phone number:						🛞 Create site
Configuration	Email:						
	Address:						
Matching & Characterization	Zip code:			Country:			
Management & Analysis	0	Replication for shop	0	Replication for LAB			
	Replication Group:				~	🜗 Add replication group	
Options	Site zone: Def	ault Zone			~		
Services & Replication	Limit replication:	One way replication for local					
		One way replication for main	database. (From conso	lidate to site)			
Network server setup	Filter by site name:						
🔒 User management	Site name	Group / Zone	Туре	User / Folder	Last receive	d	
Backup	Vantaa (Main)	Default Zone	FTP	site1	1		🔗 Edit site
	Vantaa (Local)	(LAB)	FTP	site1	and the second sec		J Luic sice
Replication					A COLUMN TO A COLUMN		
							Synchronize
							selected database
Replication							
Replication							
							Re-export site 加
							🌋 Remove site

1.Select a site from the list

2.Click the Re-export site button

6.4.5 Export statistics

To export statistics, navigate into the **Statistics** tab page of the **Options** \Rightarrow **Replication** page.

Monicolor 2401	Consolidate sett	ings Site manage	ement Sta	atistics Replication	n logs				
	Filter by site nam	ne:]			🔷 Refr
System overview	Site name	Group / Zone	Туре	User / Folder	Last send	Last received	Pending messages	Address	Zip code
Configuration	Vantaa (Main)	Default Zone	FTP	site1	-	-			
	Vantaa (Local)	(LAB)	FTP	site1	-	-			
Matching & Characterization									
Management & Analysis									
Options									
Services & Replication									
Network server setup									
luser management									
Backup									
Replication									
Replication									
NEDILGLIUI									
Replication	and the second s								
	Sec.								

- 1.Click Export button
- 2. Type file name and select folder to save
- 3.Click Save button

6.4.6 View replication log

To view replication log, navigate into the **Replication logs** tab page of the **Options** \Rightarrow **Replication** page.

🥶 s6main, s6local - InnovaTint - LAB	(Workgroup Edition) v1.1.2012.7.20	
System Selection	Consolidate settings Site management Statistics Replication logs	
Monicolor 2401	Main replication Local replication Show only errors Refresh	Clear Log
System overview		
Configuration		3
Matching & Characterization		
Management & Analysis		
Options		
Services & Replication		
Network server setup		
🔒 User management		
Backup		
Replication		

1.Select Main replication or Local replication with radio buttons

2.Click Refresh button

3.Use Clear log button to clear log file