2017

Innovatint version 3 Plug-in and Tools

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Table of contents

1. Innovatint Lab

1.1. XML auto exporter

1.1.1 Overview
Purpose:
Make a connection between Innovatint Lab and an ERP system. Originally developed to link to SAP for transferring formulas and track changes.

Installation:
Separate installation package.

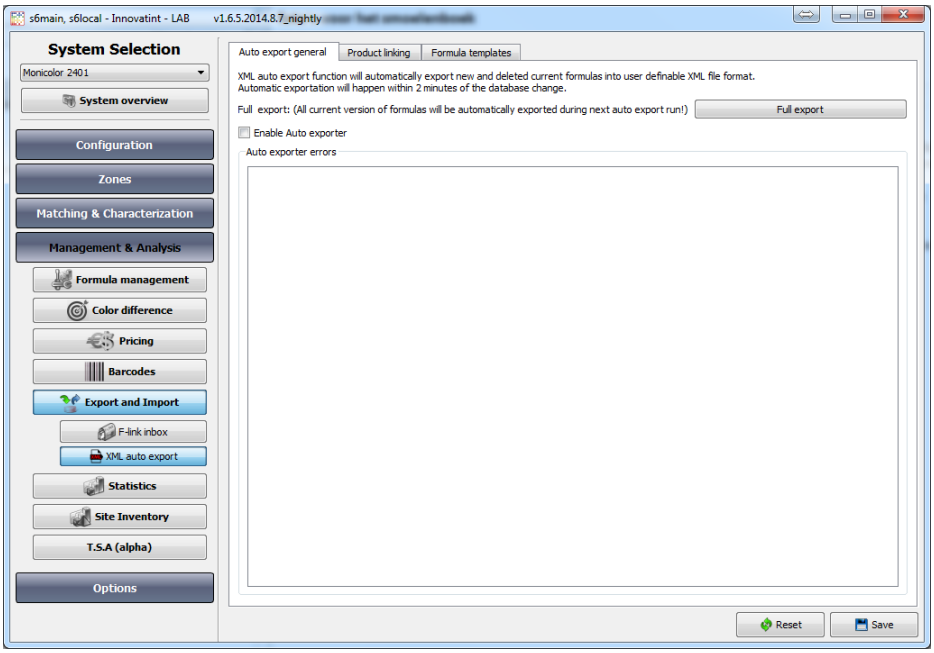
Costs:
Ask your sales contact person for the price.

Notes:
To let the export work the Innovatint Lab version where it is installed with should be open at all times.

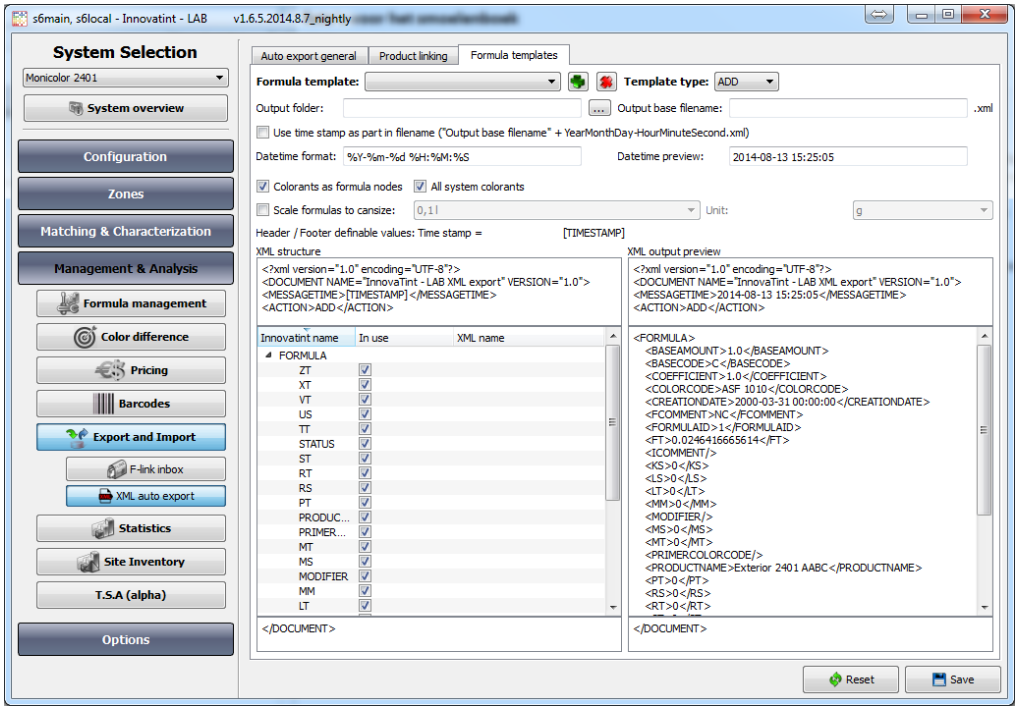
1.1.2 Explanation
Installation is done by running the setup package. To be able to use the module in Innovatint Lab it is needed to have a license code suitable for this. An existing license code can be easily adjusted for it or a new license code can be provided.

After the installation has been completed and the correct license is active there should be a new section in Innovatint Lab under the module “Export and Import” called “XML auto export”. To be able to use this module you need to set it up first.

The first screen you see is this:



To make the first setup go to “Formula templates”:



You can make as many templates as needed. There are 3 template types:

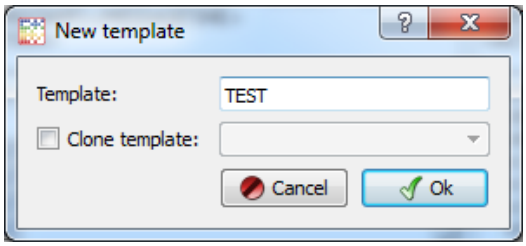
ADD -> will create an export every time a new formula (current version) is added.

MODIFY -> will create an export every time an existing formula (current version) is changed.

DELETE -> will create an export every time a formula (current version) is deleted.

To have the full effect of the tool it is recommended to set templates for all template types. However, this is up to the user and the use of the tool.

For each template you have to possibility to configure a template type. So 1 template holds the configuration of all different types. To start click on the “+” button next “Formula template” selection field. A new window comes up where you can give the template a name. When you already have existing templates you can also clone that as a start and make changes afterwards.



Click on “OK” to save the template. The templates can always be deleted again by selecting it and clicking the red “X” next to the “Formula template” selecting window.

Now it is time to configure the template. The top part of the configuration applies to all template types, but should be configured for each type separately.

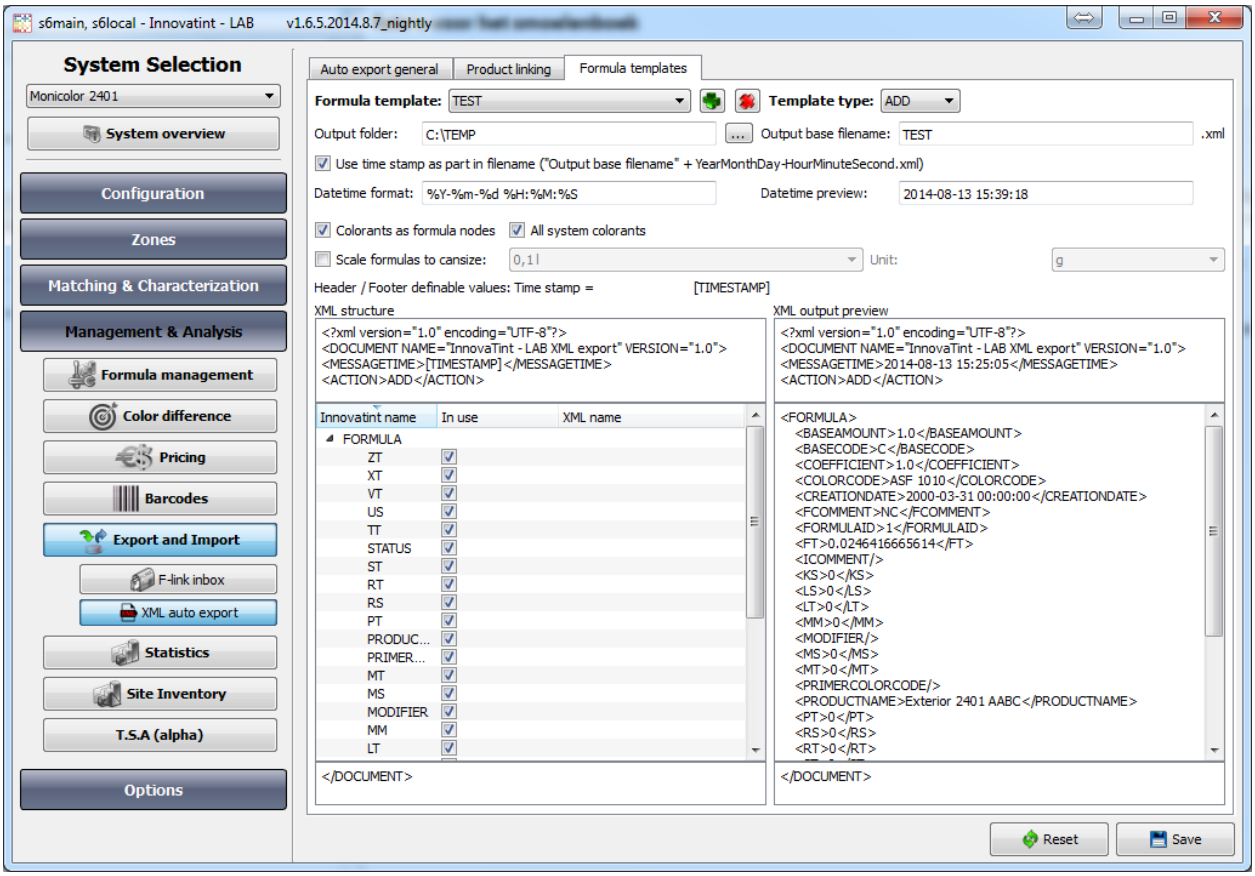
Output folder -> where the XML files are saved.

Output base filename -> the name of the XML files that are saved.

Use time stamp as part in filename -> when this is selected automatically each exported XML file will also include the date/time in the file name. This can make it easier for the receiving system to determine which file was created first to process everything in the correct way.

Datetime format -> here is it possible to configure the date and time format to add to the file name. On the right side you can see how it would look like. When hovering with the mouse over the field you will see a description of all possible configurations.

We will start with the template type “ADD”.



On the above screenshot the first section has been configured.

Now it is needed to configure the output of the file. There are several ways to export the file.

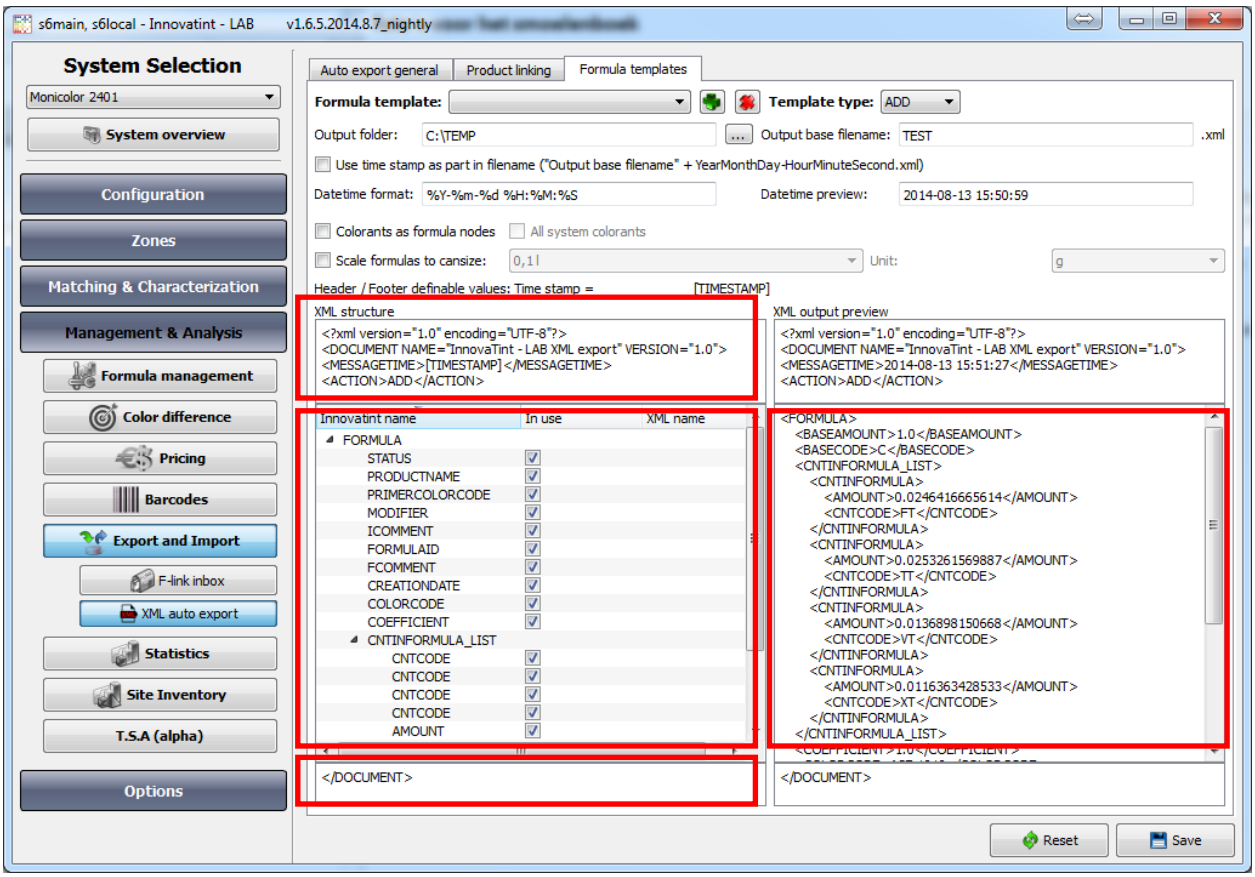
Colorants as formula nodes -> when this is selected all colorants will be exported as part of the top level of the XML file and not be marked specifically as formula. When deselected the colorants and its amounts will be separately specified under the section “CNTINFORMULA_LIST”.

All system colorants -> when selecting the “Colorants as formula nodes” it is possible to list all colorants in the XML file even the ones that are not being used in the formula that is being exported. So every time the whole list of system active colorants will be included.

Scale formulas to can size -> normally formulas are exported on the can size selected when making the change. It is however possible to always scale the formula to a specific can size.

Unit -> normally formulas are exported on the unit selected when making the change. It is however possible to always scale the formula to a specific unit. This option is only available when also using “Scale formulas to can size”.

The bottom part of the configuration screen is the lay-out how the XML files are produced.



Top left box -> here it is possible to specify how the XML header should look like. Especially the tags “<ACTION>” are important as this indicates what the data in the XML file is for. It could be that in 1 XML

multiple formulas are saved and with the tag in this field the receiving software knows what applies to the formula it is linked to.

Middle left box -> this is the configuration for the information from the formula that is being saved in the XML during the export. Depending on the settings made in the general configuration this overview can differ from the above screenshot. You can select the fields that should be included or not. On the right side of this section it is possible to translate the modules that are mentioned under “Innovatint name”. This means that in the export the translation is used as specified under “XML name”.

Bottom left box -> naming to close each part of the XML export file.

Right box -> gives an preview on how an export would look like including any translations made under the section “XML name”.

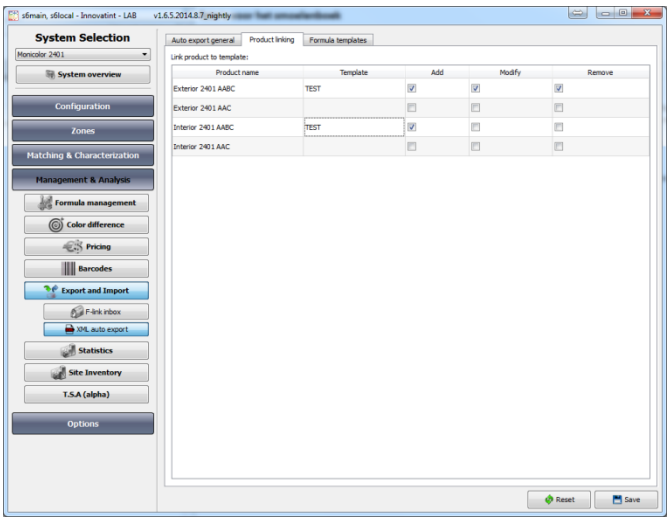
When everything has been configured click on “Save”.

Now switch the “Template type” to “MODIFY”. Again everything has to be filled out. The only change in this template type is that there now also the possibility to export the “OLDFORMULAID”. This can be useful for the receiving software when it has been using the same formula ID numbers and those are also exported when using the “ADD” and “DELETE” template types. With this old formula ID it is possible to identify which formula is being modified so it can be appended to or deleted and replaced by the new formula.

The “Template type” is a lot smaller as it only contains some basic information needed to delete a formula. It can again be based on the formula ID or otherwise on the combination of product and color code. In this template type nothing can be changed for the XML structure.

When the template is made we have to specify which products should use the auto exporter and which template should be used for this. Go for this to the tab “Product linking”.

In this section it is possible to select per product the desired template and specify which template types should be applied when generating XML exports. When no template has been selected that product will not trigger any XML exports.



As final step the exporter should be activated. For this go to the tab “Auto export general”.
In this screen there are 3 different sections.

Full export -> makes an export of all current formula version the next time the export is triggered. This is useful when starting up for the first time.

Enable Auto Exporter -> this is to activate the templates and start exporting XML files.

Auto exporter errors -> this will show any errors related to the export.

1.2. MDBUNV auto exporter

1.2.1 Overview
Purpose:
Make a connection between Innovatint Lab and Datacolor or ERP system. The exporter will track the changes made in the database for formulas and export this to a MDBUNV file. It will only track changes for existing formula changes or the inserting of new formulas. Deletion of formulas is not reported.

Installation:
Separate installation package.

Costs:
Ask your sales contact person for the price.

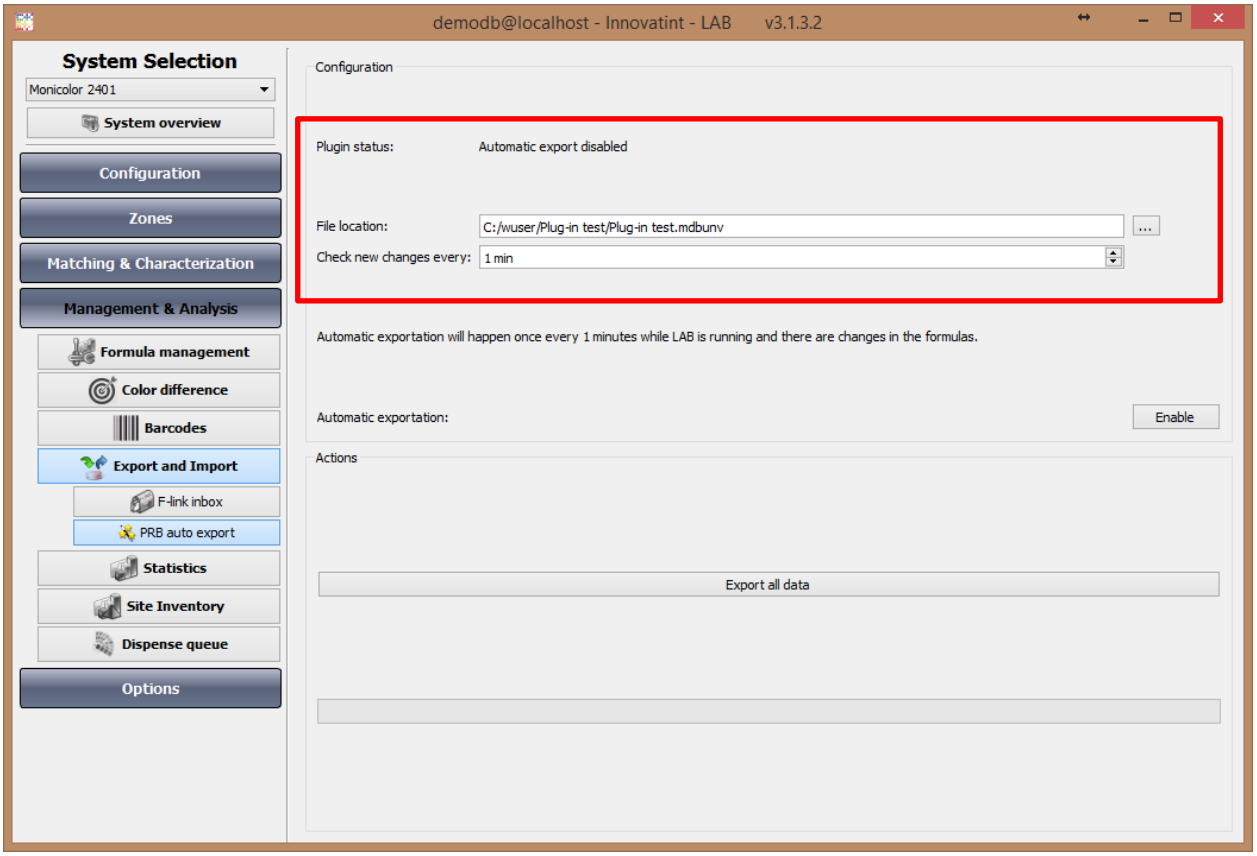
Notes:
To let the export work the Innovatint Lab version where it is installed with should be open at all times.

1.2.2 Explanation
Installation is done by running the setup package. To be able to use the module in Innovatint Lab it is needed to have a license code suitable for this. An existing license code can be easily adjusted for it or a new license code can be provided.

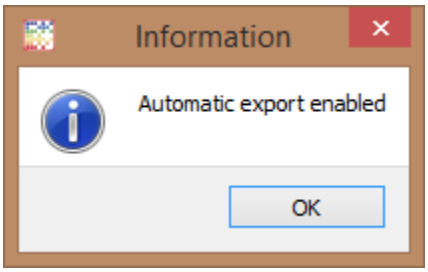
After the installation has been completed and the correct license is active there should be a new section in Innovatint Lab under the module “Export and Import” called “PRB auto export”. To be able to use this module you need to set it up first.

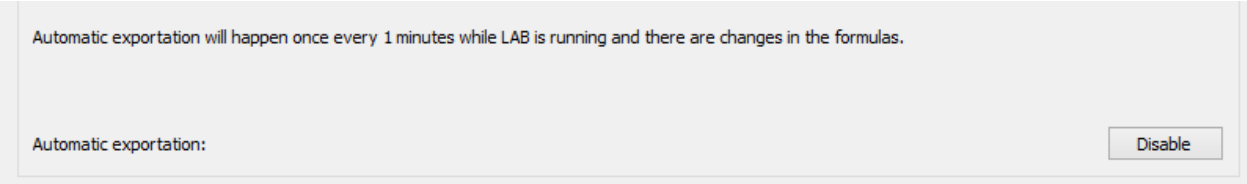
To configure the exporter you will have to set the file location where the exports are written to and how often the changes should be checked.

All changes are exported on 1000 ml of base paint, regardless what the actual fill level from the base is. The formulas are exported in ml.



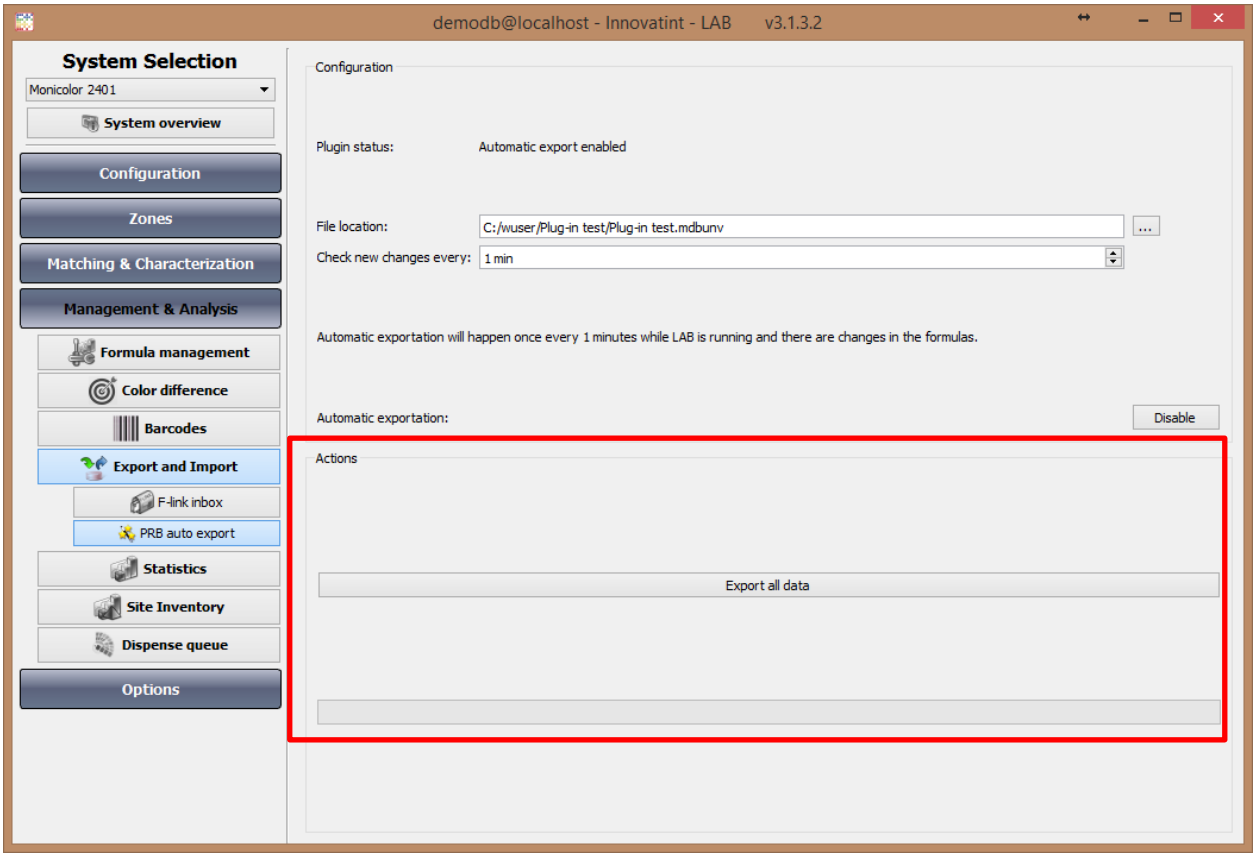
When this has been set to exporter is activated by clicking on the “Enable” button. This will bring up a confirmation.





From now on the exporter will check every 1 minute any changes made in the database for formulas and export this in the file on the specified location. Pay attention to the fact that when the file has not been picked up by the receiving system and another change is mad e in between the file will be overwritten.

It is also possible to make a full export of the existing formulas in the database by using the “Export all data” button. This will export all available formulas at that moment.



2. Innovatint P.O.S.

2.1 XML Export

2.1.1 Overview
Purpose:
Make a connection between Innovatint P.O.S. and an ERP system. Originally developed to track order history.

Installation:
Separate installation package.

Costs:
Ask your sales contact person for the price.

Notes:
-

2.2.2 Explanation
Installation is done by running the setup package. To be able to use the module in Innovatint P.O.S. it is needed to have a license code suitable for this. An existing license code can be easily adjusted for it or a new license code can be provided.

After the installation has been finished go to C:\wuser\XMLExport\bin and open the file called "XMLExport.exe". This will open a new window where all settings can be made.

The configuration exists out of 3 sections:

Order export configuration -> configuration for normal orders that are being tinted. Configure the location of the files and naming.

Purge export configuration -> configuration for purging actions. Configure the location of the files and naming.

Automatic export -> set the time schedule on when the XML exports should be made.

Finally with the "Run export" button a full export can be triggered. With the "Save configuration" button it is possible to save the made settings and start the XML export.

2.2 F-link tools

2.2.1 Overview
Purpose:
Changes the f-fink files coming from a third party software to be translated or re-written so that Innovatint P.O.S. can pick them up and read them. It also works that Innovatint P.O.S. can send out f-link files where it is possible to disable lines when the receiving third party software does not understand this.

Installation:
Is part of standard Innovatint P.O.S. installation package.

Costs:
Free of charge.

Notes:
As the program does not have an user interface the configuration has to be made in ini files.
To be able to configure it some knowledge about the f-link protocol is needed.
The translation and re-write tool can be used together. The translation is done first and after this the re-write takes place. This is important to know when configuring both files.

2.2.2 Explanation
As the tool consists out of 3 different possibilities they will be described separately.

F-Link translation:

Path to configuration file:
C:\wuser\Innovatint\wflink_translation.ini

This file is standard not on the computer and you have to this yourself first. As soon as it is available and filled with information Innovatint will automatically use it.

Description of tool:
This tools allows to „translate“ the entered names and codes. It is very useful, when for example name of products, bases, cans etc. does not match in Innovatint and other software. It does not alter the structure of file.

Structure of configuration file:
File consists of sections: each section is first tag of f-link file inside set of square brackets, for example: [@PRD], [@BAS], [@CAN], [@FRM],

In the sections you can use unlimited number of translation rules, one rule is one line in section. Rule consists of one or more strings to be translated to one or more other strings.

The section of old string and new string is separated by equal sign „=“, when there is set of strings, then they are separated by vertical bar „|“. The number of sets can be different (one of old string can be rewritten to two etc.).

Examples:

Base C=C
@BAS "Base C" is translated to @BAS "C"

Product with very long name AABC=Product AABC
@PRD "Product with very long name AABC" is translated to @PRD "Product AABC"

Product 1|Subproduct AABC=Product 1 AABC

@PRD "Product 1" "Subproduct AABC" is translated to @PRD "Product 1 AABC"

Subproduct AABC=AABC
@PRD "Product 1" "Subproduct AABC" is translated to @PRD "Product 1" "AABC"

Example of whole wflink_translation.ini file

[@PRD]
CPS Matching Exterior 2401 AABC=Exterior 2401 AABC
CPS Matching Exterior 2401 AAC=Exterior 2401 AAC
CPS Matching Interior 2401 AABC=Interior 2401 AABC
CPS Matching Interior 2401 AAC=Interior 2401 AAC
[@BAS]
CPS BASE AA=AA
CPS BASE B=B
CPS BASE C=C
[@CAN]
CAN 1 l=1 l
CAN 4 l=4 l
10=10 l

F-link file received:

@RUN
@PRD "CPS Matching Exterior 2401 AAC"
@UNT 1 1
@CLR "ASF 1011"
@CNT "FT" 9.85666634515 "MM" 8 "TT" 16.0170827061 "VT" 7.39249996841 "XT"
26.4897912741
@LQT 1
@BAS "CPS BASE C" 900
@CAN "CAN 1 l" 1000
@FRM 1000
@END

F-link file translated:

@RUN
@PRD "Exterior 2401 AAC"
@UNT 1 1
@CLR "ASF 1011"
@CNT "FT" 9.85666634515 "MM" 8 "TT" 16.0170827061 "VT" 7.39249996841 "XT"
26.4897912741
@LQT 1
@BAS " C" 900
@CAN "1 l" 1000
@FRM 1000
@END

F-Link re-write:

Path to configuration file:
C:\wuser\Innovatint\ wflink_rewrite.ini

This file is standard not on the computer and you have to this yourself first. As soon as it is available and filled with information Innovatint will automatically use it.

Description of tool:
This tool modifies the structure of f-link file. It allows using Innovatint f-link order reception even if the second software is using completely different structure of f-link file. It works in a way, that it parses received f-link file by template and then formats parsed data to valid structure of InnovaTint reception f-link file.

Structure of configuration file:
The configuration file is in fact f-link file, but instead of values, there are variable, that identifies values. Here is list of possible variables:

$PRODUCT$
$SUBPRODUCT$
$WEIGHT$
$UNIT$
$FRACTION$
$COLOR$
$GDATA$
$FORMULA$
$FORMULA_AMOUNT$
$FORMULA_WEIGHT$
CAN
CAN_AMOUNT
CAN_WEIGHT
$BASE$
$BASE_AMOUNT$
$BASE_WEIGHT$
$BARCODE$
LOT_SIZE
CNT_ALL
$CNT_CODE[x]$
$CNT_AMOUNT[x]$
$REFILL_ALL$
$REFILL_AMOUNT[x]$

The most of values are single variables, but there are also arrays ($CNT_CODE[x]$, $CNT_CODE[x]$, $CNT_AMOUNT[x]$), that needs to identify the key of array. You can select if you want to use arrays or you can use variable ending by „_ALL“. This means, that parser reads everything from the actual position of the line till the end of the line.

Example of single lines:

@UNIT $UNIT$ $FRACTION$ $WEIGHT$

Received line

@UNIT 31.2460 96 1

Is rewritten to

@UNT 31.2460 96

@WGH 1

@FORMULA $COLOR$ $PRODUCT$ $BASE$ CAN CNT_ALL

Received line

@FORMULA "BS 02 C 39" "Exterior 2401 AAC" "C" "5 l" "MS" 0.001 "KU" 40 "BS" 20

Is rewritten to

@CLR "BS 02 C 39"

@PRD "Exterior 2401 AAC"

@BAS "C"

@CAN "5 l"

@CNT "MS" 0.001 "KU" 40 "BS" 20

@CNT_CODES $CNT_CODE[1]$ $CNT_CODE[2]$ $CNT_CODE[3]$ $CNT_CODE[4]$ $CNT_CODE[5]$ $CNT_CODE[6]$ ...
@CNT_VOLUMES $CNT_ AMOUNT [1]$ $CNT_ AMOUNT [2]$ $CNT_ AMOUNT [3]$ $CNT_ AMOUNT [4]$ $CNT_ AMOUNT [5]$ $CNT_ AMOUNT [6]$ ...

Received lines

@CNT_CODES "MS" "KU" "BS"

@CNT_VOLUMES 0.001 40 20

Are rewritten to

@CNT "MS" 0.001 "KU" 40 "BS" 20

Examples of whole wflink_rewrite.ini file

Example of rewrite template:

@BEGIN
@KLEUR $COLOR$
@EENHEID $UNIT$ $FRACTION$ $WEIGHT$
@GOEDEREN $PRODUCT$ $BASE$ $BASE_AMOUNT$ CAN CAN_AMOUNT
@KLEURSTOF CNT_ALL
@PAKKET LOT_SIZE
@END

Valid f-link file to be rewritten

@BEGIN
@EENHEID 1 1 0
@PAKKET 10
@KLEURSTOF "FT" 9.85666634515 "TT" 16.0170827061 "VT" 7.39249996841 "XT" 26.4897912741
@GOEDEREN "Exterior 2401 AABC" "C" 900 "1 l" 1000
@KLEUR "ASF 1011"

@END

Example of rewrite template:

@RUN
@CLR $COLOR$
@UNT $UNIT$ $FRACTION$
@FRM $FORMULA$ $BASE_AMOUNT$
@PRD $PRODUCT$ $SUBPRODUCT$
@BAS $BASE$
@CAN CAN
@END

Valid f-link file to be rewritten

@RUN
@CLR "00NN 05/000"
@UNT 29.57 48.0
@FRM "FT,672.,LT,78.742" 3784
@PRD "Exterior 2401 AABC"
@BAS "AA"
@CAN "4 l" 4000
@END

F-Link disable:

Path to configuration file:
C:\wuser\Innovatint\ wflink_disable.ini

This file is standard not on the computer and you have to this yourself first. As soon as it is available and filled with information Innovatint will automatically use it.

Description of tool:
This tool can disable lines in the f-link file coming from Innovatint and received by other software. It will allow the receiving software to understand better when some of the lines are not needed or are causing problems.

Structure of configuration file:
The file will accept all different tags used in a f-link file. By enabling the disable function the tag is taken out in the final f-link that is send to the receiving software.

Examples:

@BAS=1

Received line

@BAS 1000
@CNT “MS” 0.001 “KU” 40

Output

@CNT “MS” 0.001 “KU” 40

Example of whole wfinl_disbale.ini file

@BAS=1
@CAN=1

Original f-link file:

@RUN
@PRD "CPS Matching Exterior 2401 AAC"
@UNT 1 1
@CLR "ASF 1011"
@CNT "FT" 9.85666634515 "MM" 8 "TT" 16.0170827061 "VT" 7.39249996841 "XT" 26.4897912741
@LQT 1
@BAS "CPS BASE C" 900
@CAN "CAN 1 l" 1000
@FRM 1000
@END

Final f-link output:

@RUN
@PRD "CPS Matching Exterior 2401 AAC"
@UNT 1 1
@CLR "ASF 1011"
@CNT "FT" 9.85666634515 "MM" 8 "TT" 16.0170827061 "VT" 7.39249996841 "XT" 26.4897912741
@LQT 1
@FRM 1000
@END

3. Local import / update tool

3.1 Overview

Purpose:
Importing from formulas and customer data into the local database of Innovatint P.O.S. in order to keep history available when switching from another tinting software to Innovatint.

To keep history when moving from a non-replication database to a replication database.

To keep history when moving from Innovatint v1 to Innovatint v3.

To transfer full Colour Composer 7 / 8 / 9 databases to Innovatint for a quick in the field conversion.

Installation:
Separate installation package.

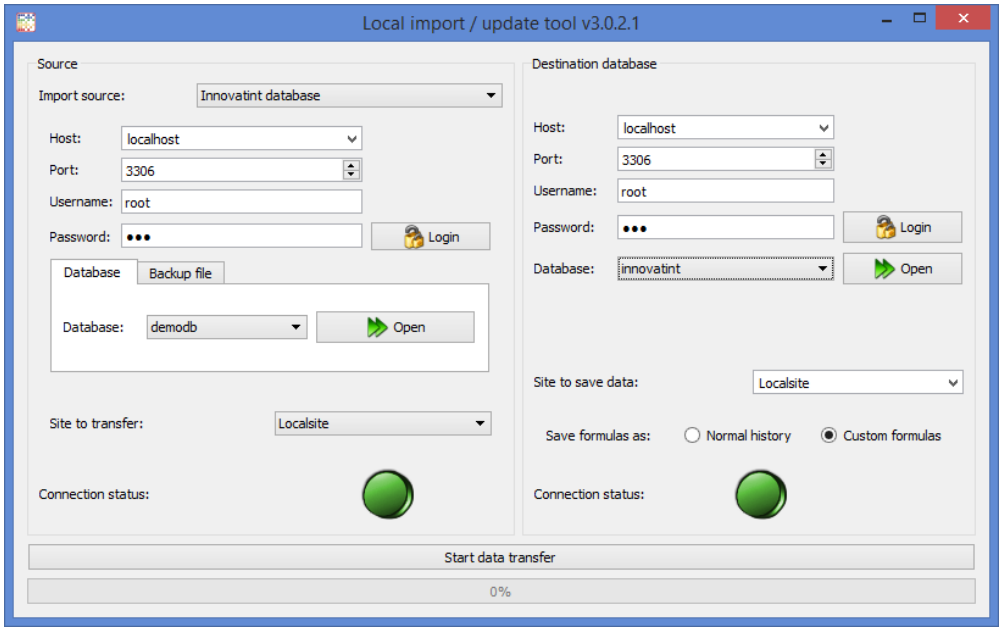
Costs:
Free of charge.

Notes:
Program has to be installed on each P.O.S. installation to be able to transfer the data. After the transfer the program can be removed again.

Never do an import multiple times. This will result in the importation of all orders multiple times!!!

3.2 Explanation

3.2.1 Innovatint databases
Used to transfer sales data from one version 3 database to another one.



The source database is the database where the information is exported from into the destination database. First login and then select the correct database. After that click on “Open”.

For the destination database do the same. Select from the source which site should be transferred. Normally this will only be one option.

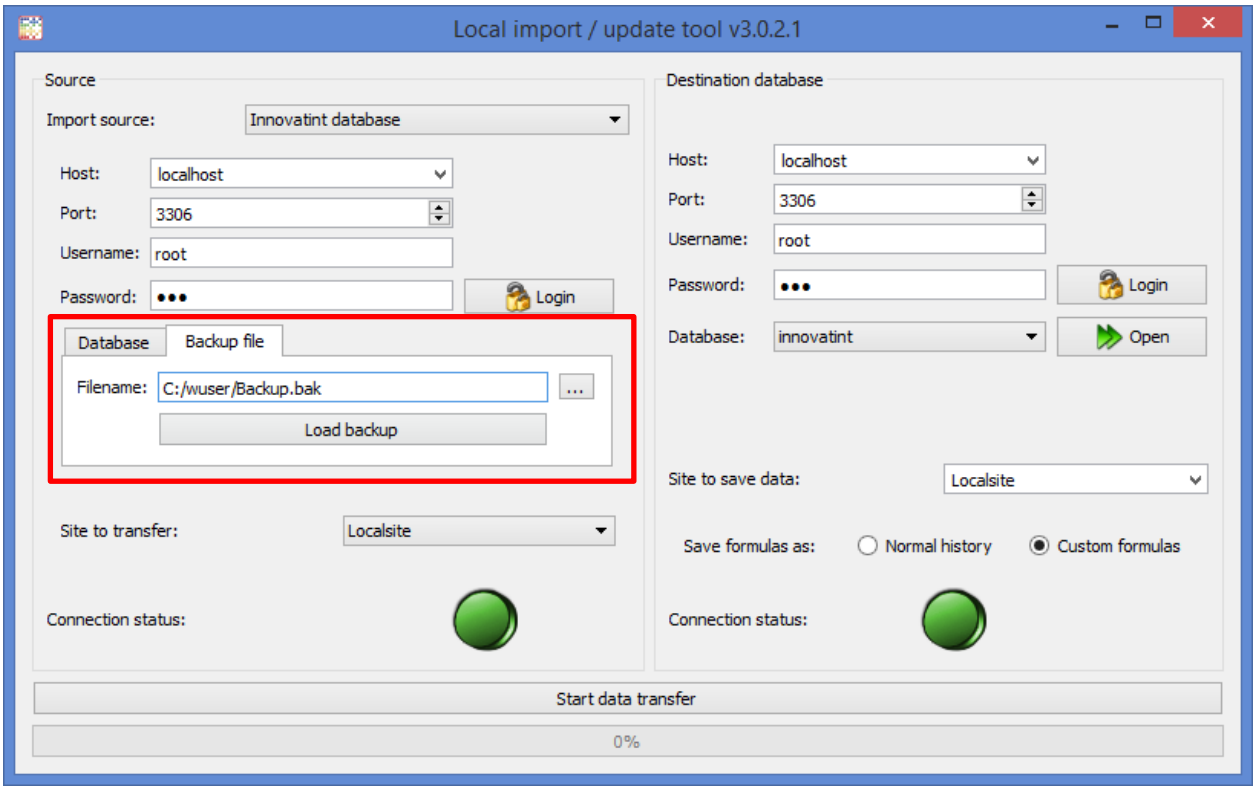
For the destination select to which site the import should be done, this is normally just one option. Also select how to save the formulas:

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

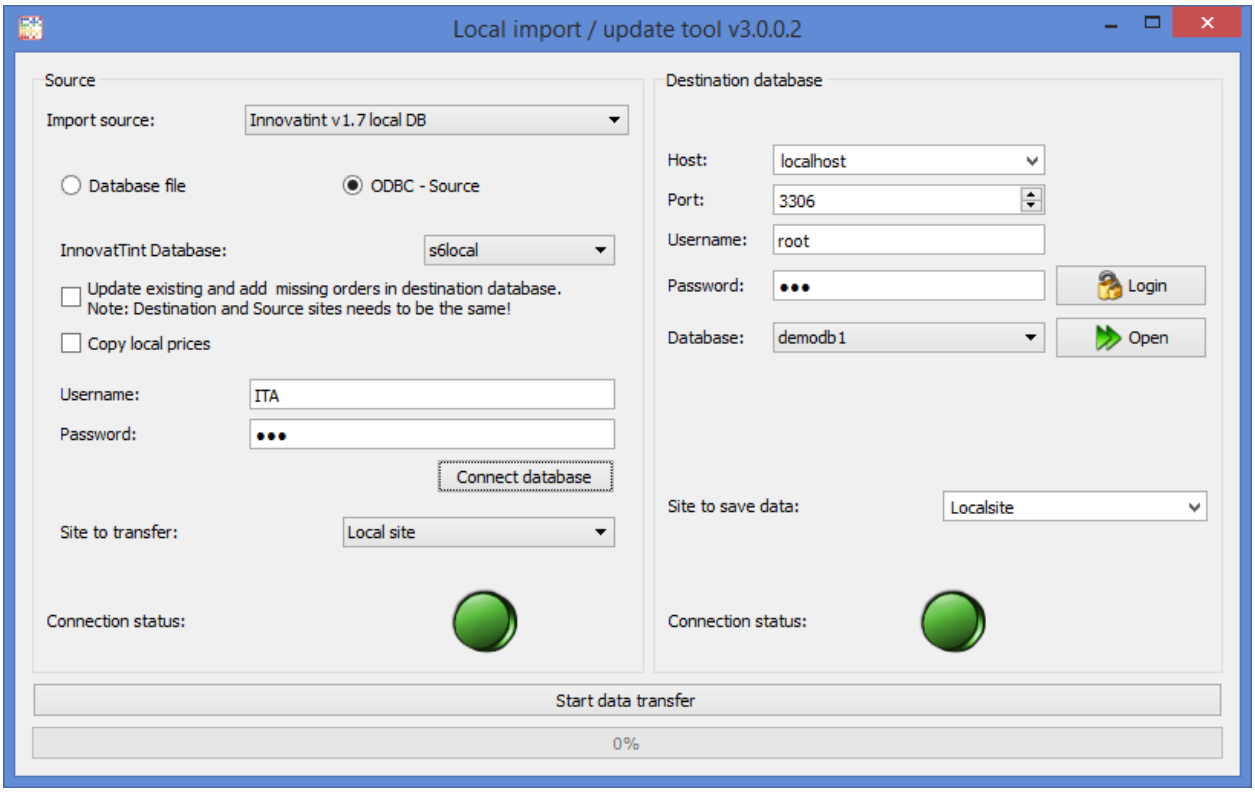
When everything has been selected the transfer is started by clicking on “Start data transfer”.

NOTE: it is also possible to use a BAK file. In this case select in the source “Backup file” and use a BAK file to import the history from another version 3 database into the selected destination database. Click on “Load backup” to load it into the system.



3.2.2 Innovatint v1.7 local DB

Used for transferring information from a version 1 Innovatint local database to a version 3 database.



The source database is the database where the information is exported from into the destination database. There two different ways to connect to the databases:

Database file -> can be used to manually select a database.

ODBC source -> can be used for quick selection of the database location.

By checking the box “Update existing and add missing orders…” it will also update already existing orders in the destination database. This however will only work when the source and destination are using the same site.

The checkbox “Copy local prices” can be used to also transfer prices that were saved by the shop user.

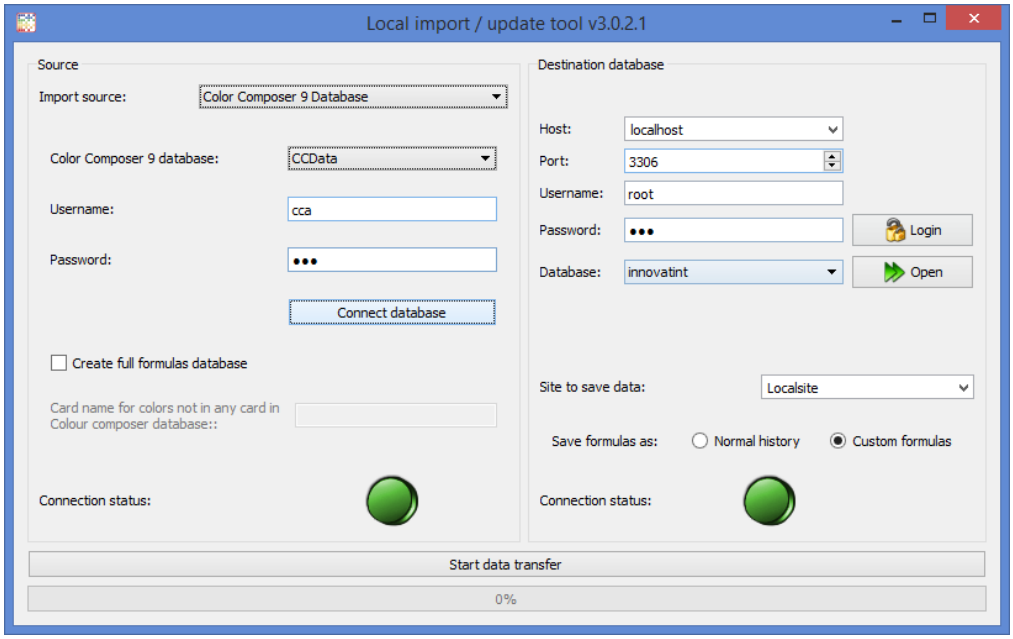
Supply a username and password and click on “Connect database”. When everything is fine the green light will be shown.

Select the site from where the data is retrieved.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

3.2.3 Colour Composer 9 Database for custom formulas
Used to transfer custom made formulas from a Colour Composer 9 database to an Innovatint local database.



On the left side use an ODBC connection to select the correct Colour Composer 9 database.

Supply an username and password and click on “Connect database”. When everything is fine the green light will be shown.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

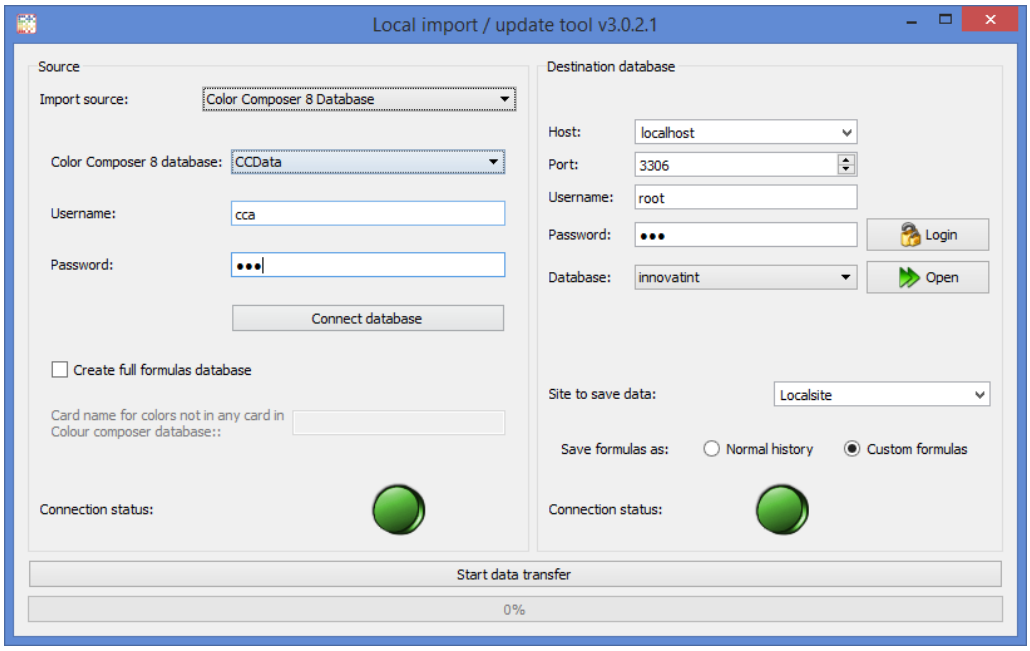
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.4 Colour Composer 8 Database for custom formulas
Used to transfer custom made formulas from a Colour Composer 8 database to an Innovatint local database.



On the left side use an ODBC connection to select the correct Colour Composer 8 database.

Supply a username and password and click on “Connect database”. When everything is fine the green light will be shown.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

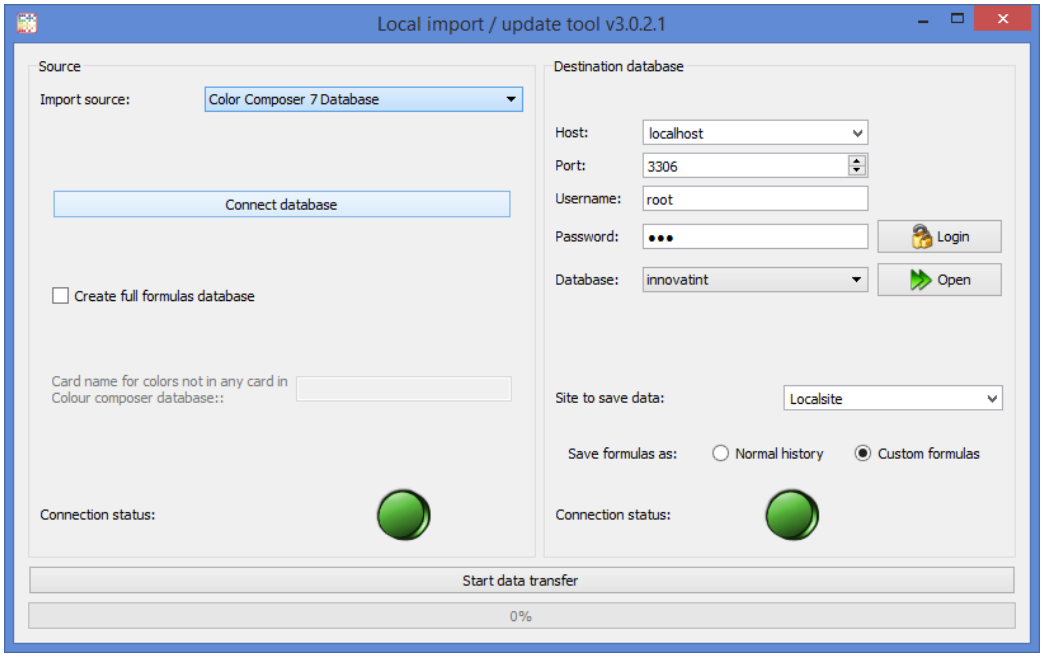
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.5 Colour Composer 7 Database for custom formulas
Used to transfer custom made formulas from a Colour Composer 7 database to an Innovatint local database.



On the left side select the correct Colour Composer 7 database (use AliasQ). Click on “Connect database”.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

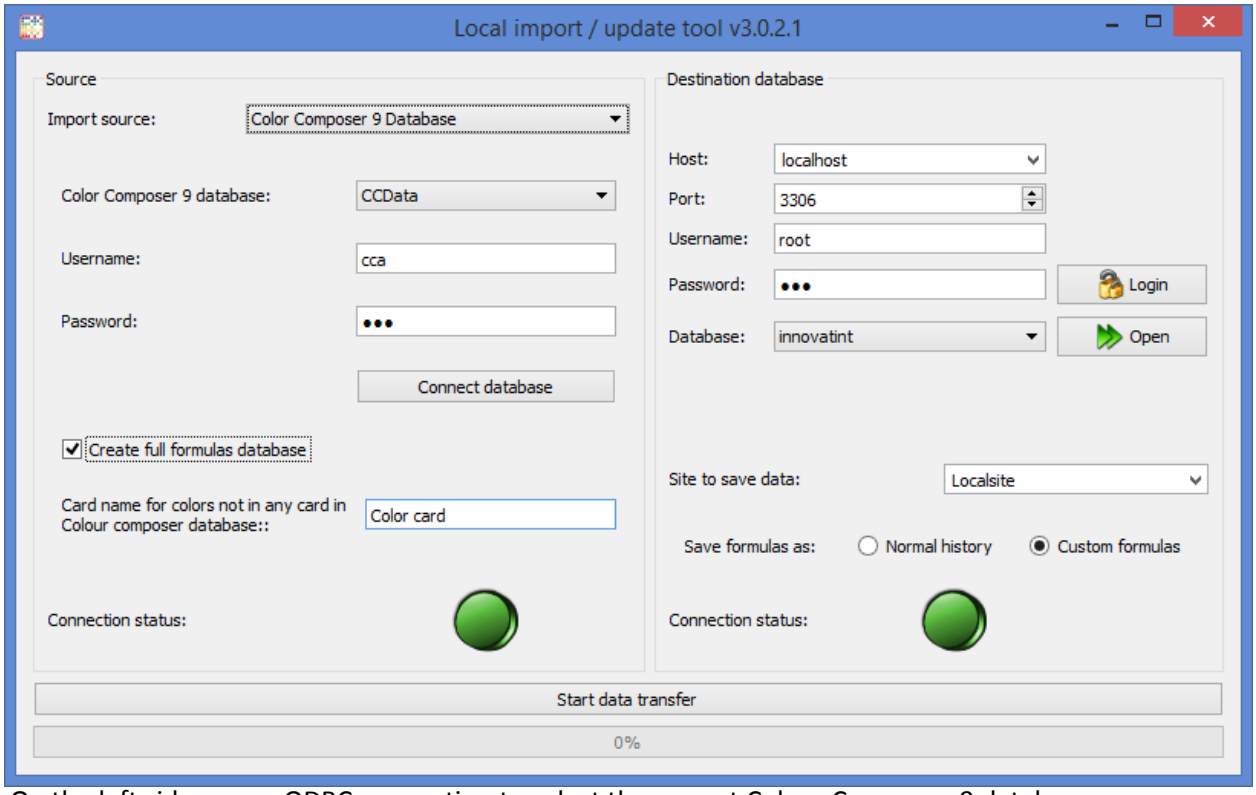
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.6 Full Colour Composer 9 import
Used to transfer a full Colour Composer 9 database directly into Innovatint. Not suitable for replication environments and only to be used for stand-alone direct conversions that do not any database work.



On the left side use an ODBC connection to select the correct Colour Composer 9 database.

Supply an username and password and click on “Connect database”. When everything is fine the green light will be shown.

Select “ Create full formulas database”.

For the colors that are not in a color card yet it is necessary to group them into 1 general color card. For this give in a color card name.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.
NOTE: you should start with an empty database. Create an empty database first.

Select how the formulas should be saved (only for any end-user formulas that are present in the Colour Composer database, not for the general database structure):
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

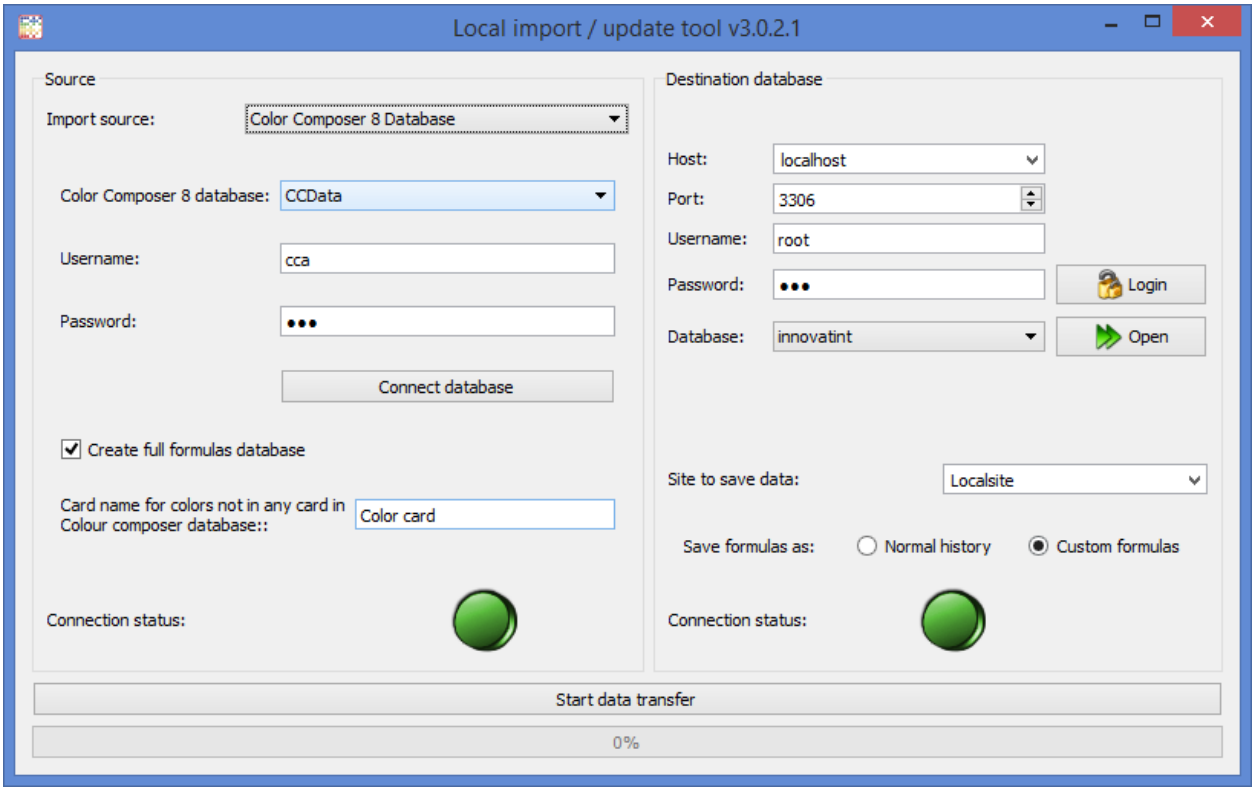
Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.7 Full Colour Composer 8 import

Used to transfer a full Colour Composer 8 database directly into Innovatint. Not suitable for replication environments and only to be used for stand-alone direct conversions that do not any database work. Colour Composer 8 has to be present on the computer where the transfer is done.



On the left side use an ODBC connection to select the correct Colour Composer 8 database.

Supply an username and password and click on “Connect database”. When everything is fine the green light will be shown.

Select “ Create full formulas database”.

For the colors that are not in a color card yet it is necessary to group them into 1 general color card. For this give in a color card name.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.
NOTE: you should start with an empty database. Create an empty database first.

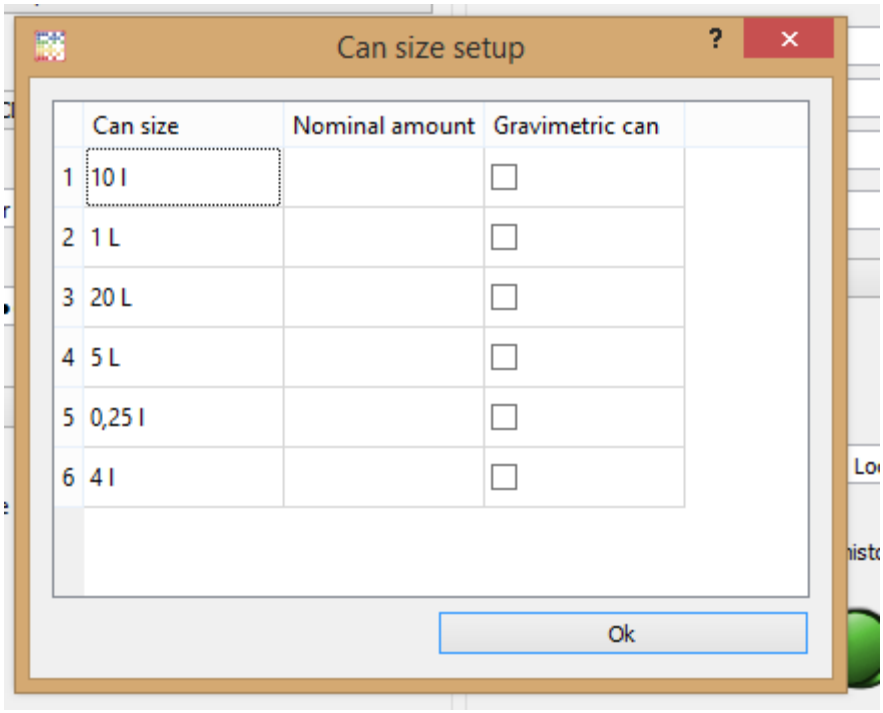
Select how the formulas should be saved (only for any end-user formulas that are present in the Colour Composer database, not for the general database structure):

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

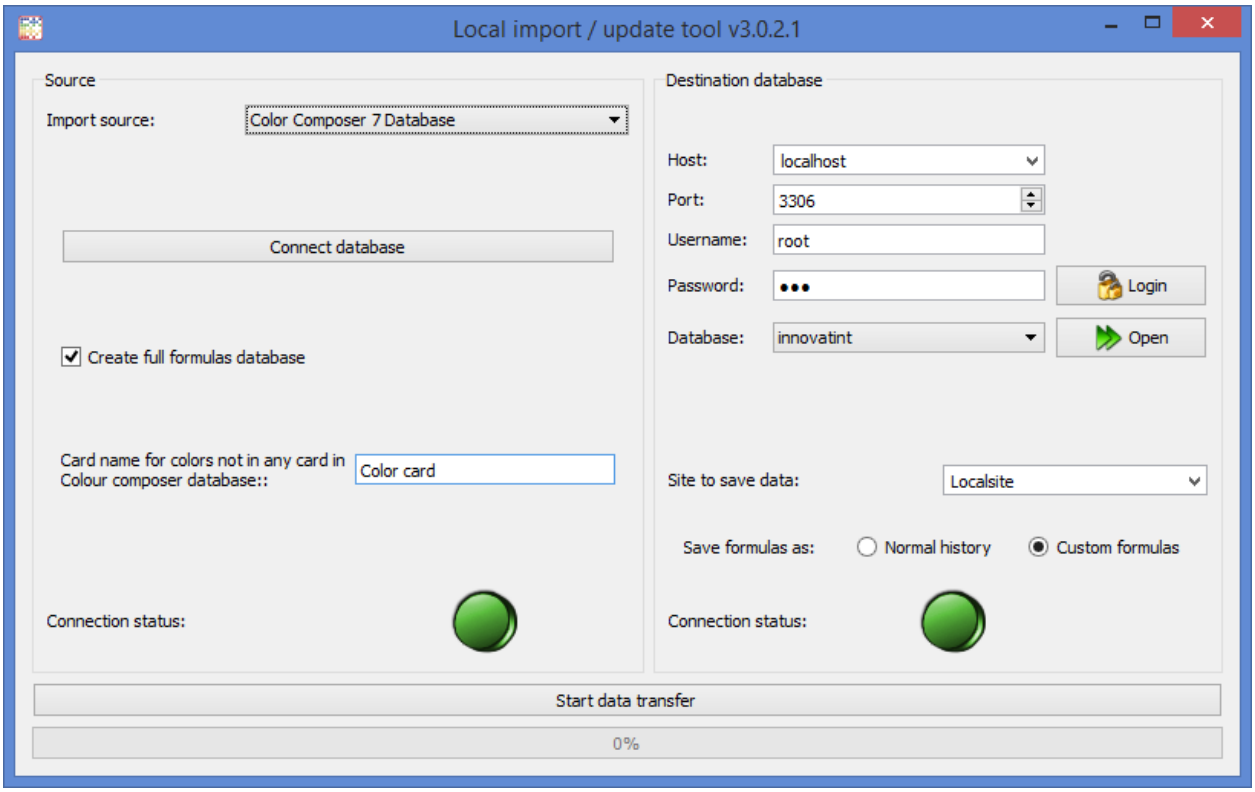
When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

At some point there will a question to set the nominal fill levels of the can sizes. Make sure you set this correctly. Also set if the can size is in volume or gram.



NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.8 Full Colour Composer 7 import
Used to transfer a full Colour Composer 7 database directly into Innovatint. Not suitable for replication environments and only to be used for stand-alone direct conversions that do not any database work. Colour Composer 7 has to be present on the computer where the transfer is done.



On the left side select the correct Colour Composer 7 database (use AliasQ). Click on “Connect database”.

Select “ Create full formulas database”.

For the colors that are not in a color card yet it is necessary to group them into 1 general color card. For this give in a color card name.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.
NOTE: you should start with an empty database. Create an empty database first.

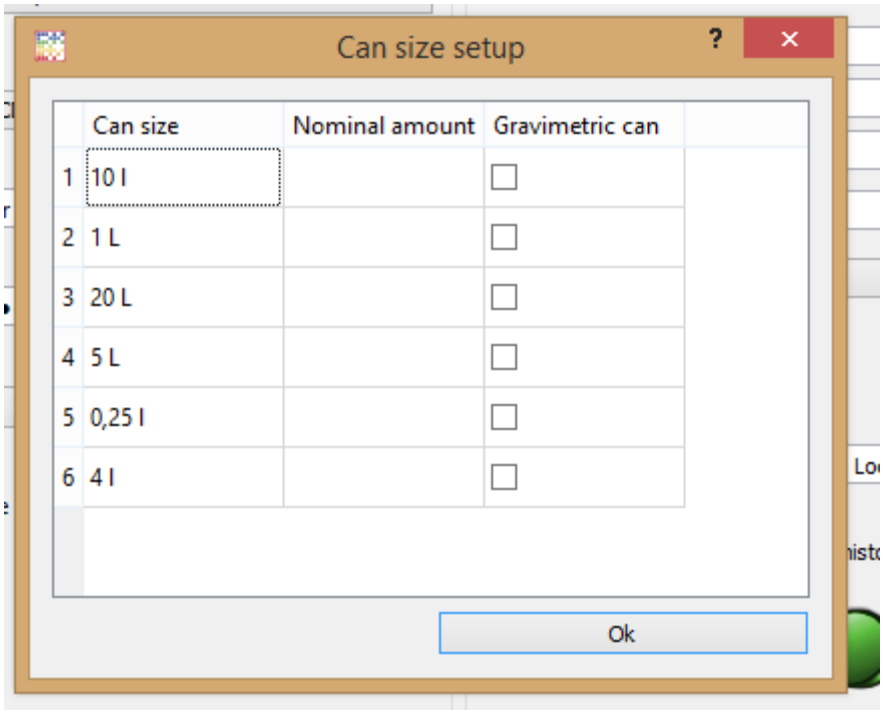
Select how the formulas should be saved (only for any end-user formulas that are present in the Colour Composer database, not for the general database structure):

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

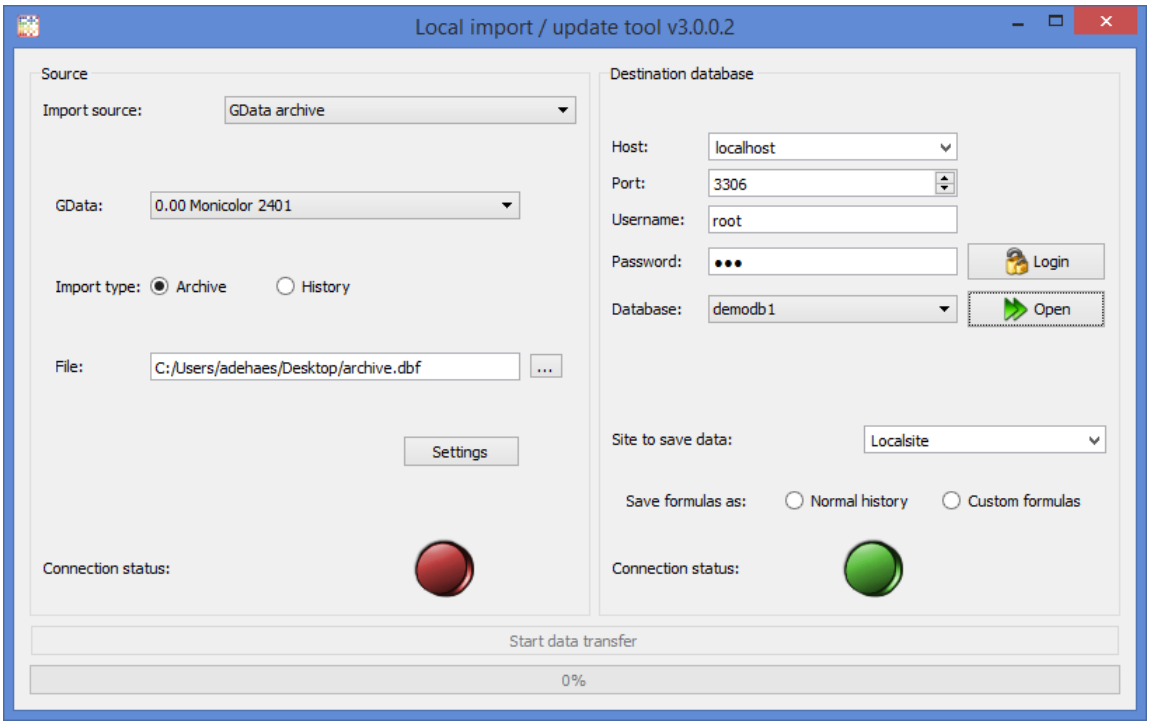
At some point there will a question to set the nominal fill levels of the can sizes. Make sure you set this correctly. Also set if the can size is in volume or gram.



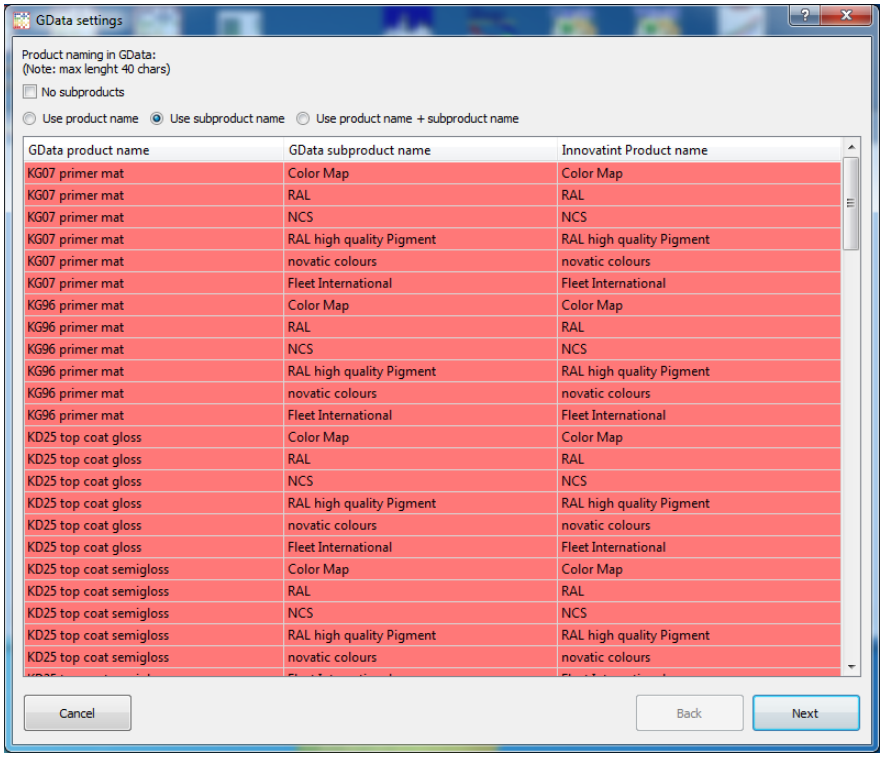
NOTE: only formulas in Colour Composer with CLASS 8 are imported. This CLASS is the end-user classification.

3.2.9 GData archive
Used to transfer custom formulas or history information from GData format to an Innovatint version 3 database.

To be able to use this the GData belonging to the archive and/or history file should also be installed and activated in the catalogue.

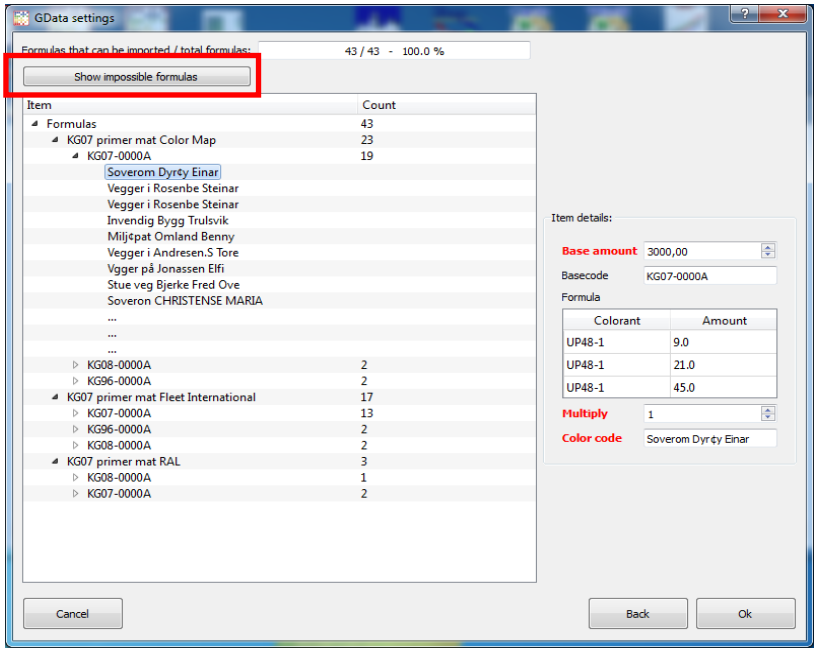


After selecting everything click on “Settings”. A new window will appear:

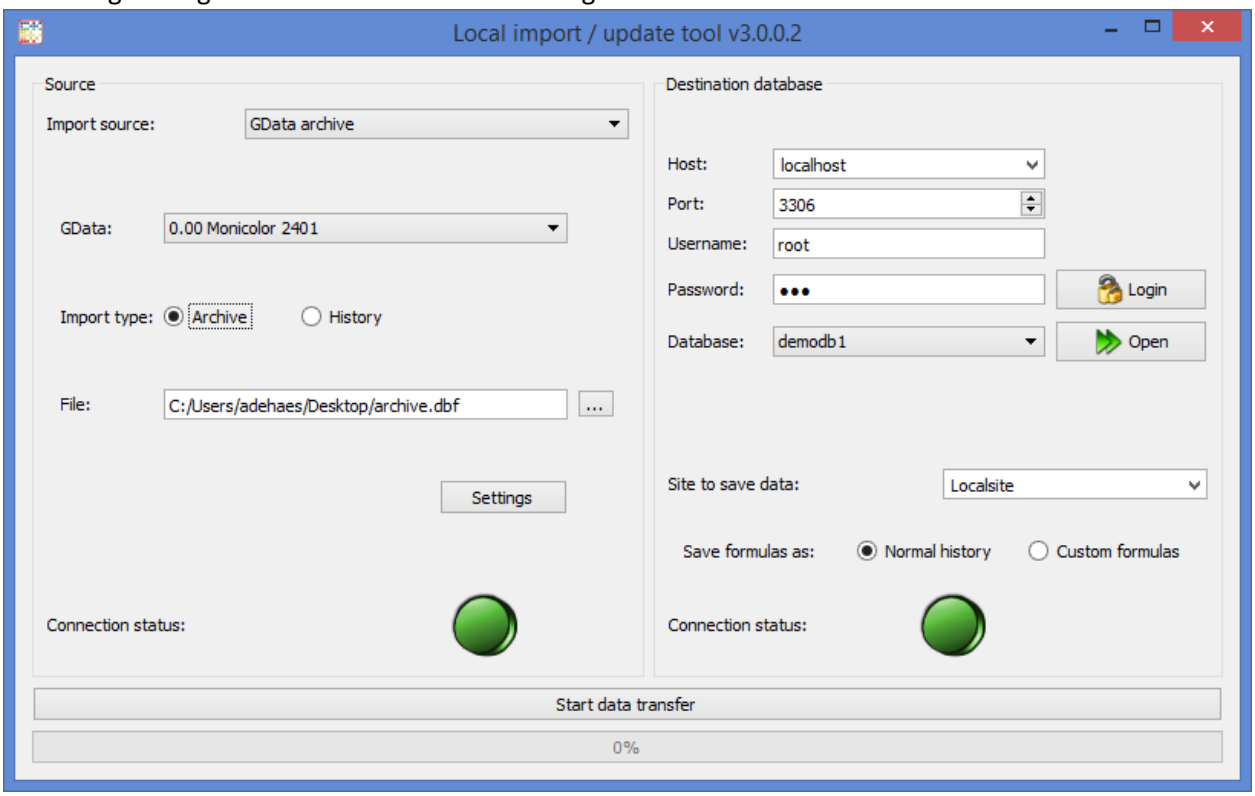


GData product name	GData subproduct name	Innovatint Product name
KG07 primer mat	Color Map	Color Map
KG07 primer mat	RAL	RAL
KG07 primer mat	NCS	NCS
KG07 primer mat	RAL high quality Pigment	RAL high quality Pigment
KG07 primer mat	novatic colours	novatic colours
KG07 primer mat	Fleet International	Fleet International
KG96 primer mat	Color Map	Color Map
KG96 primer mat	RAL	RAL
KG96 primer mat	NCS	NCS
KG96 primer mat	RAL high quality Pigment	RAL high quality Pigment
KG96 primer mat	novatic colours	novatic colours
KG96 primer mat	Fleet International	Fleet International
KD25 top coat gloss	Color Map	Color Map
KD25 top coat gloss	RAL	RAL
KD25 top coat gloss	NCS	NCS
KD25 top coat gloss	RAL high quality Pigment	RAL high quality Pigment
KD25 top coat gloss	novatic colours	novatic colours
KD25 top coat gloss	Fleet International	Fleet International
KD25 top coat semigloss	Color Map	Color Map
KD25 top coat semigloss	RAL	RAL
KD25 top coat semigloss	NCS	NCS
KD25 top coat semigloss	RAL high quality Pigment	RAL high quality Pigment
KD25 top coat semigloss	novatic colours	novatic colours

Set everything and go through the wizard. In the end you will see an overview which also tells you which formulas cannot be imported.



When you are ready for the importation click on “Ok”. This will take you back to the main screen where now the green light on the left should be showing.



The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

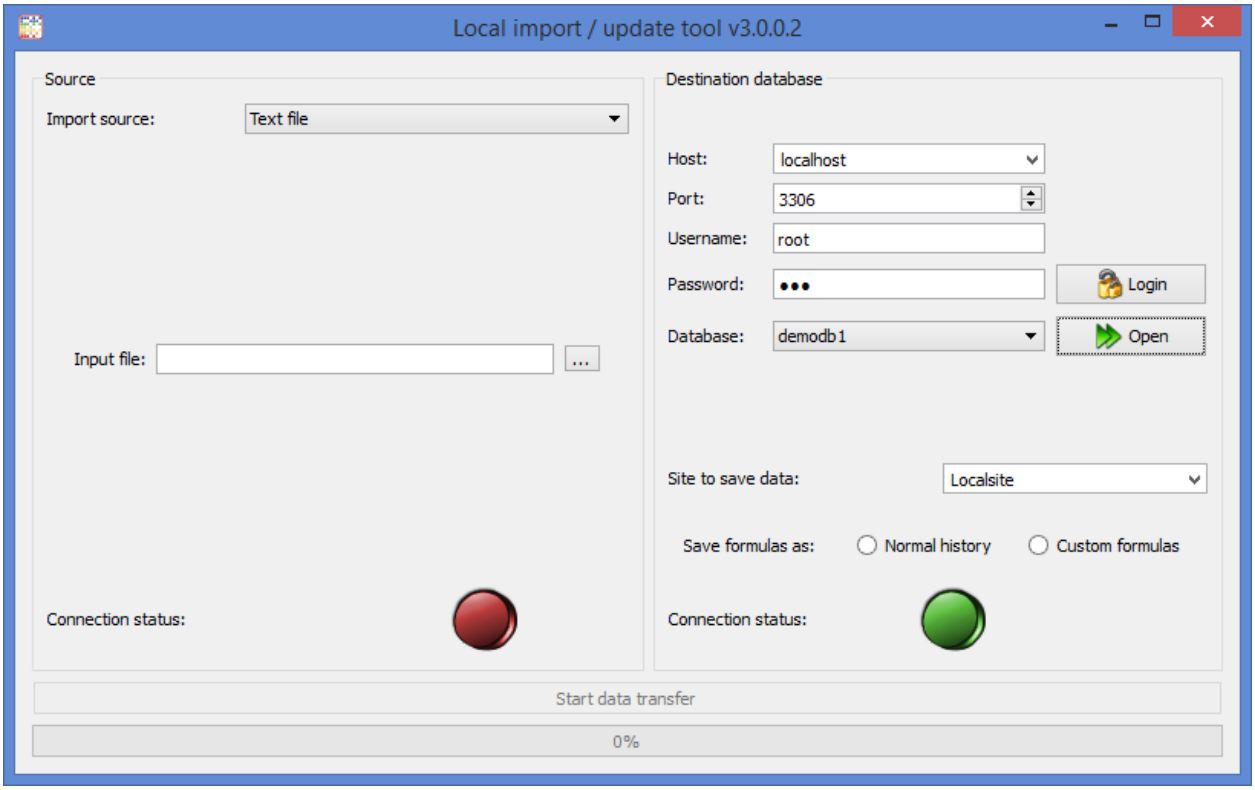
Select how the formulas should be saved:

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

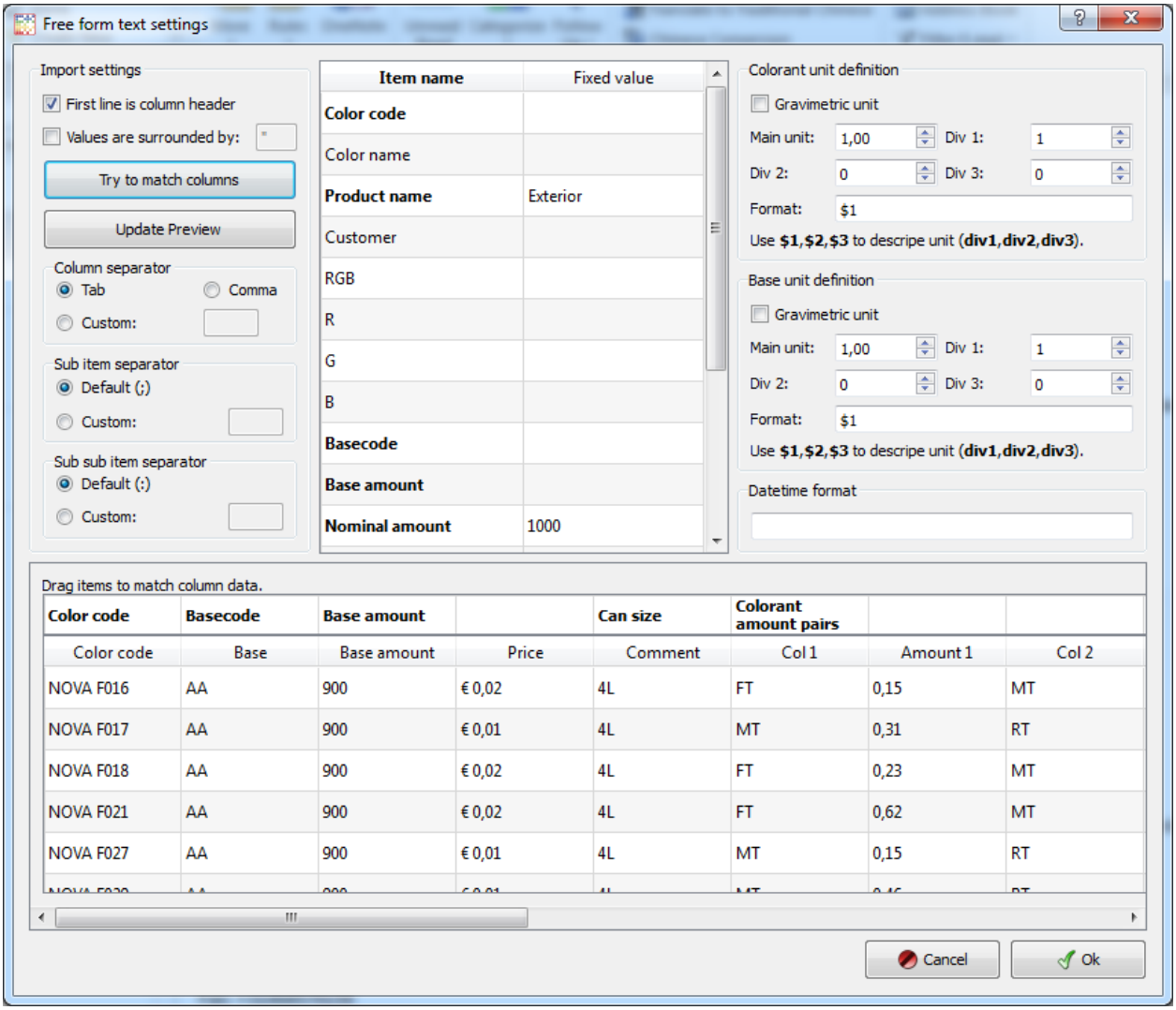
Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

3.2.10 Text file
Used to freely import from text files formulas.



Select the text file you would like to import. It opens automatically another screen:



All the **bold** marked fields are obligatory. You can link them to the correct field by dragging and dropping them or by typing in a fixed value behind it. Make sure everything is filled in correctly to be sure the formulas are transferred in the correct way. On the right side select the correct unit size for the base and colorants. When everything is configured correctly click on “Ok”.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

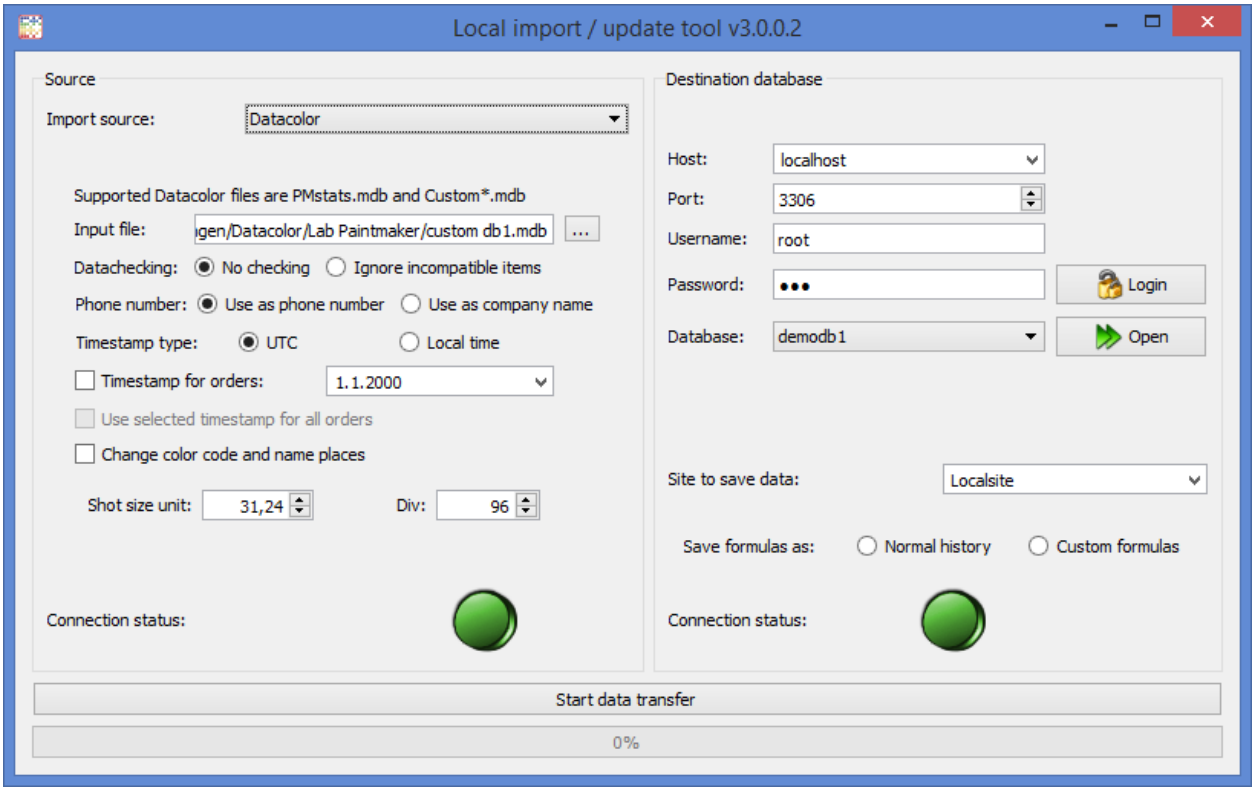
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

3.2.11 Datacolor

Used to import files types used in Datacolor to save history and custom formulas.



On the left side select the correct file. This can either by a PMstats.mdb (history/statistics) or Custom.mdb (custom formulas).

For data checking it is important to know what is in the actual file. When “No checking” is selected everything is imported without taking into account any problems that can occur with special characters in the file. When special characters are found in the file and there is no equivalent in the standard font that is used in Innovatint P.O.S. the program will automatically default to the standard Windows font. This will cause the font to be displayed bigger and it can make the Innovatint P.O.S. program to look strange. When “Ignore incompatible items” is selected the program checks which orders are in the file that are using characters not available in the standard font of Innovatint P.O.S. and it will not import those. In this way it could be some orders are missing, but Innovatint will always be able to use the standard program font.

Select which timestamp type should be used. “UTC” means that all orders will be dated based on the UTC time. So it looks at the data in the file and the regional settings of the Windows installation. Where

needed it will re-date the orders to match UTC. When “Local time” is selected it will treat the date in the files as it is the local time on the computer and use that during the import.

When selecting “Timestamp for orders” it will use the set timestamp for all orders missing a date.

When selecting also “Use selected timestamp for all orders” it will ignore any dates in the file and use the selected timestamp for all orders. This is useful when you want to avoid that “old” imported data is polluting the new Innovatint database, so you can back date the history.

Select the correct unit size on which the file is based on to avoid that the conversion will give wrong formulas.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

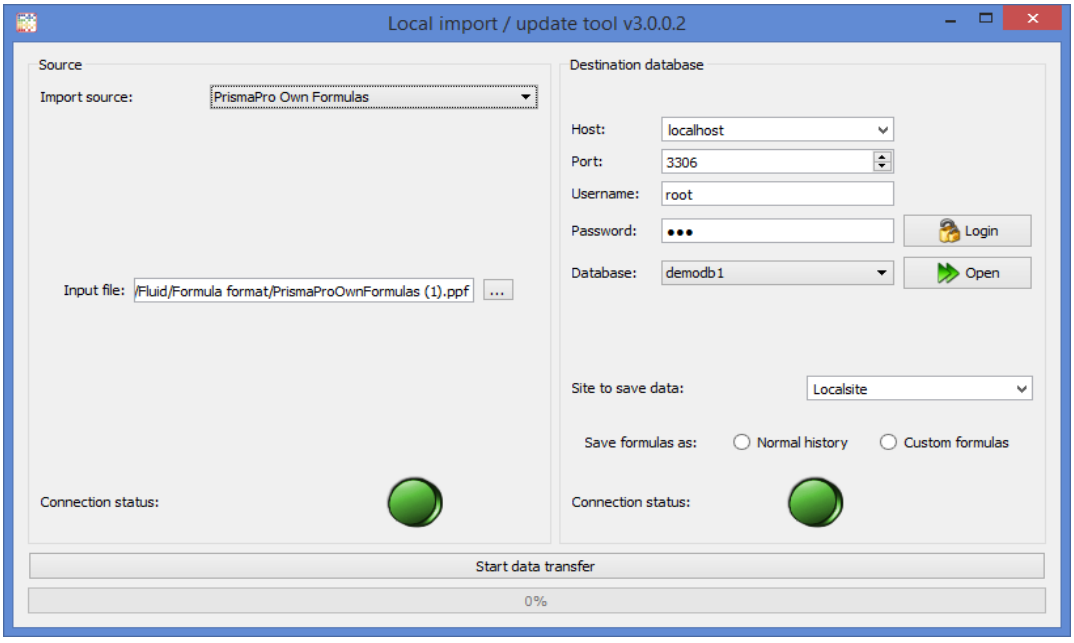
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

3.2.12 PrismaPro Own Formulas

Used to transfer custom formulas from PrismaPro 1.



Select the correct file.

The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

Select how the formulas should be saved:

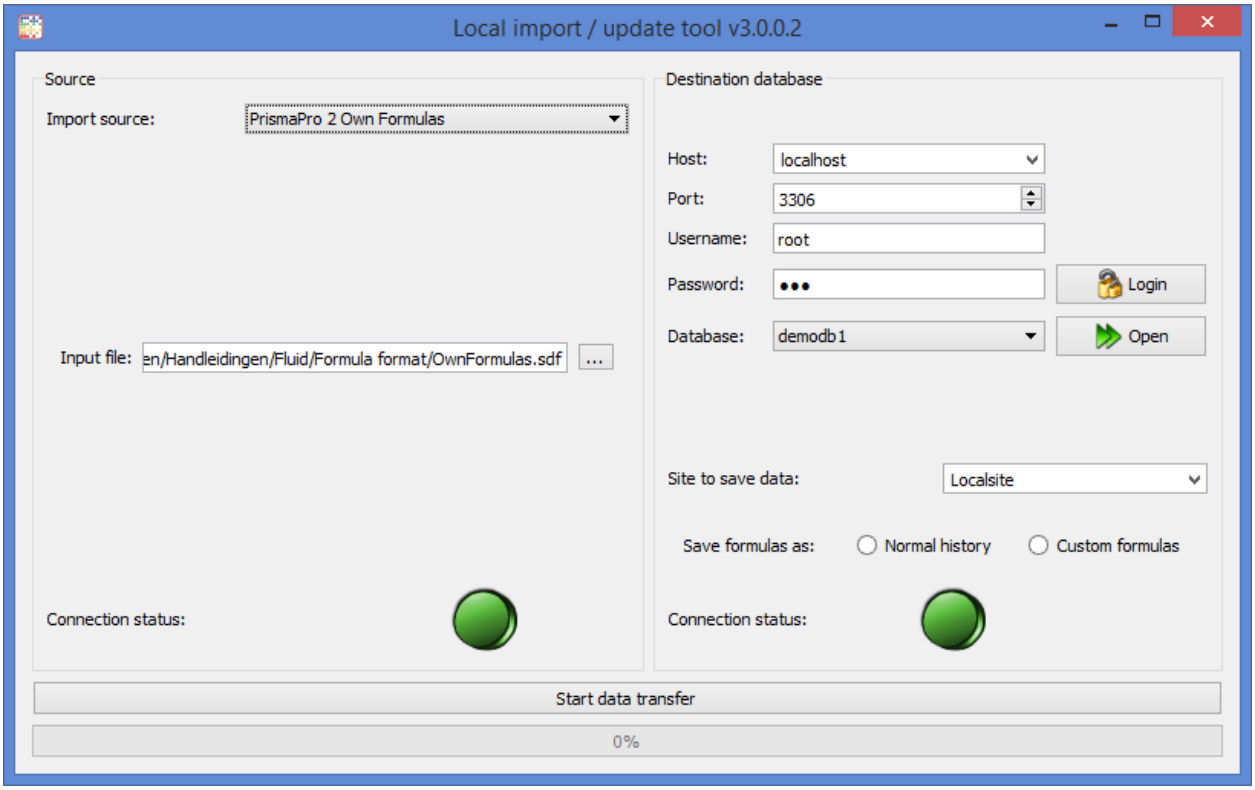
Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

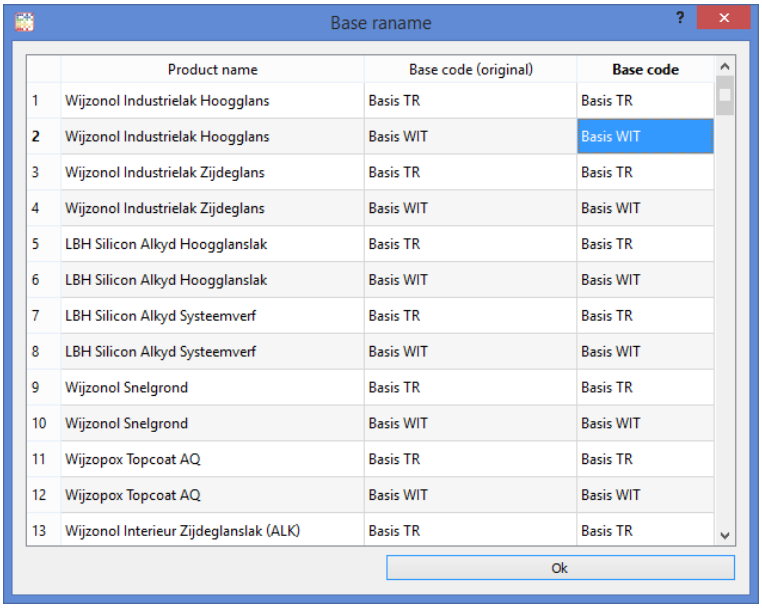
3.2.13 PrismaPro 2 Own Formulas

Used to transfer custom formulas from PrismaPro 2.



Select the correct file.

Where needed rename the bases to fit in Innovatint. When done click on “OK”.



The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

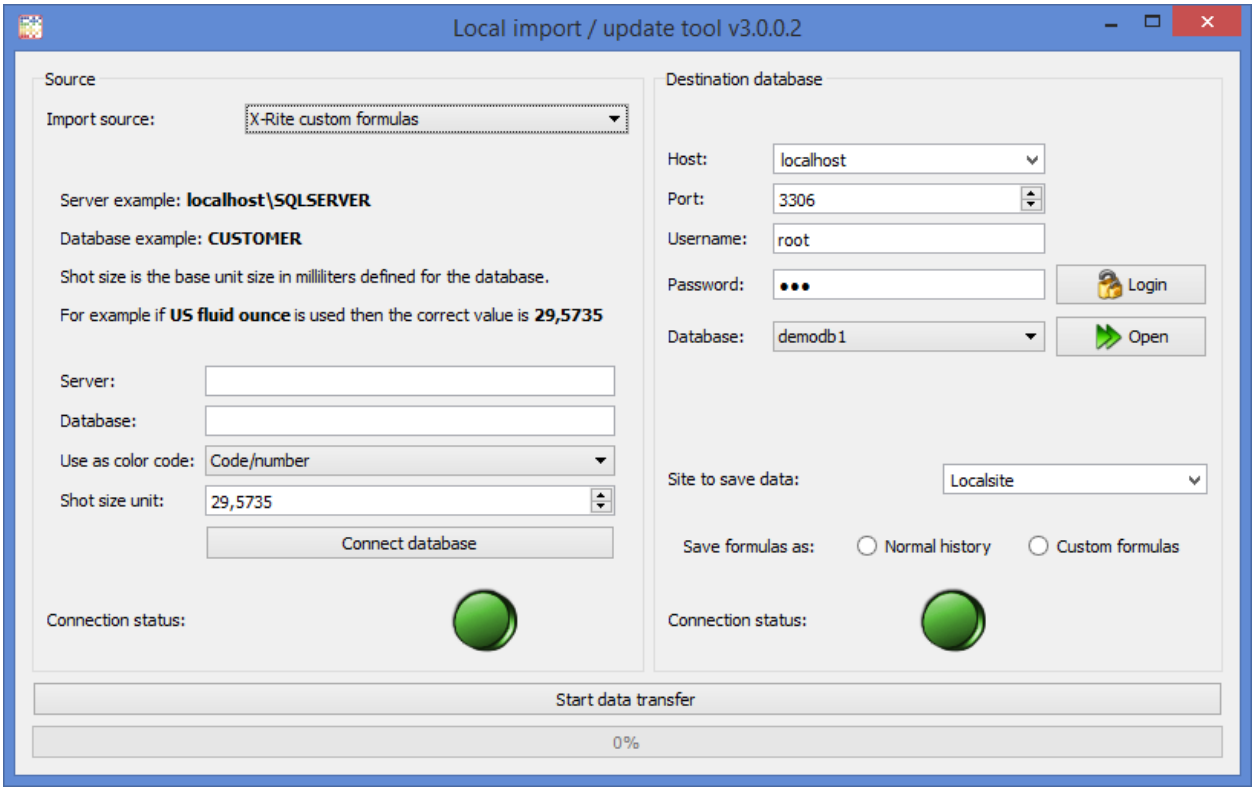
Select how the formulas should be saved:

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

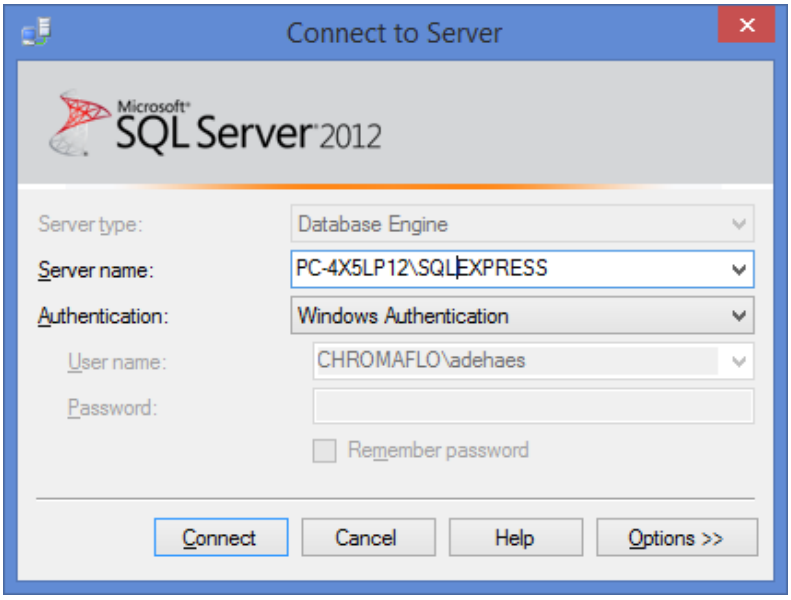
Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

3.2.14 X-Rite custom formulas
Used to transfer custom formulas from X-Rite ColorDesigner (tested with version 7).

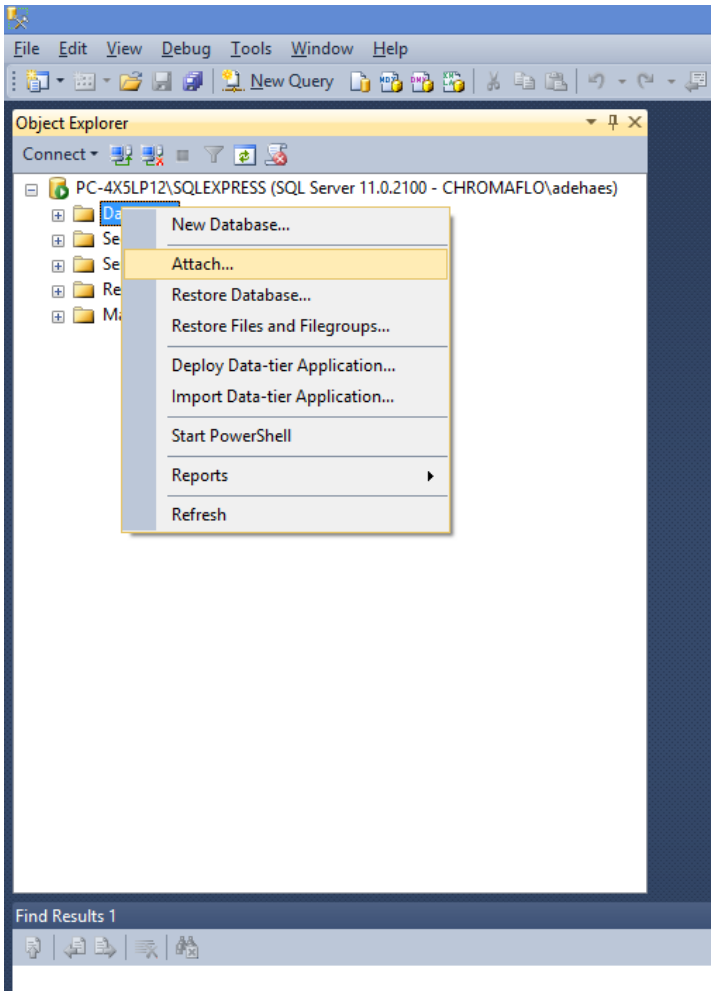


To be able to transfer the data it is needed to install additional software called “Microsoft SQL Server Management Studio 2012”. Download this free to use software from the Microsoft website and do the installation (download the 32 or 64 bit version depending on your operating system). After the installation open the program. Use the default server name:

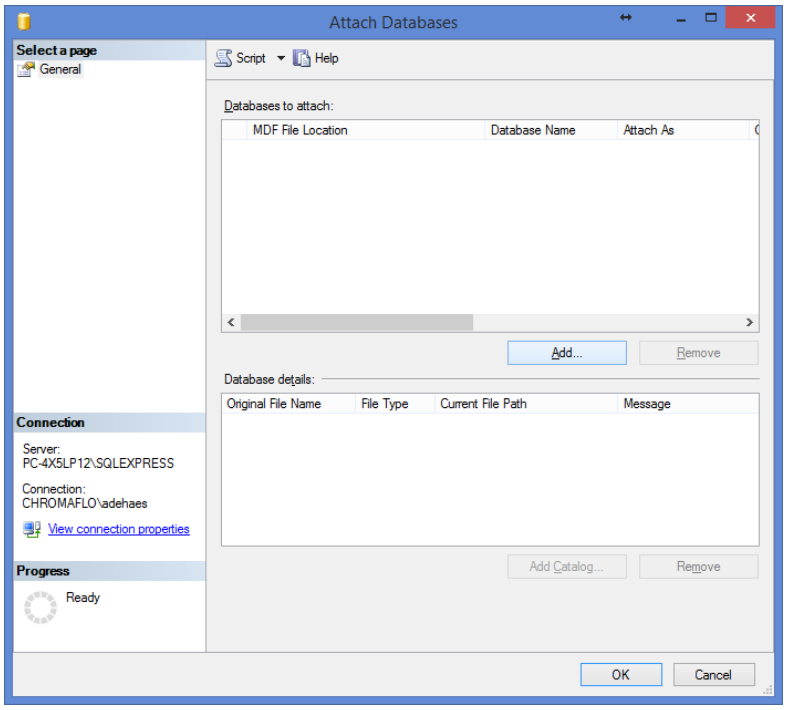


Click on connect.

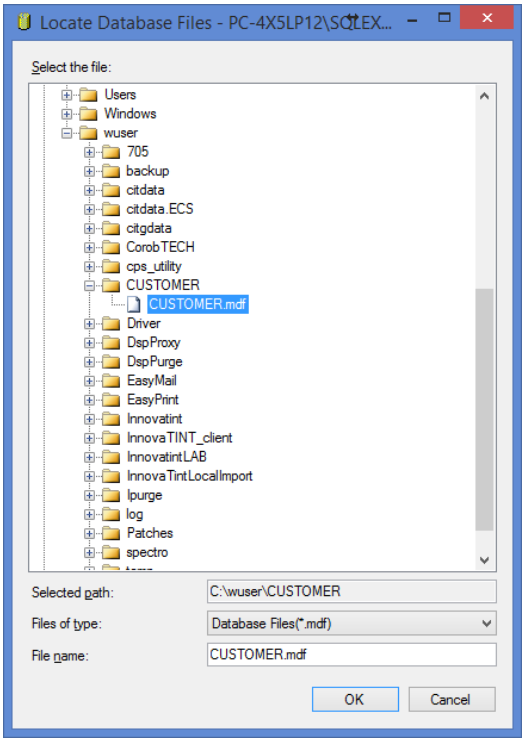
Now connect a database by right clicking on “Databases” and select “Attach”.



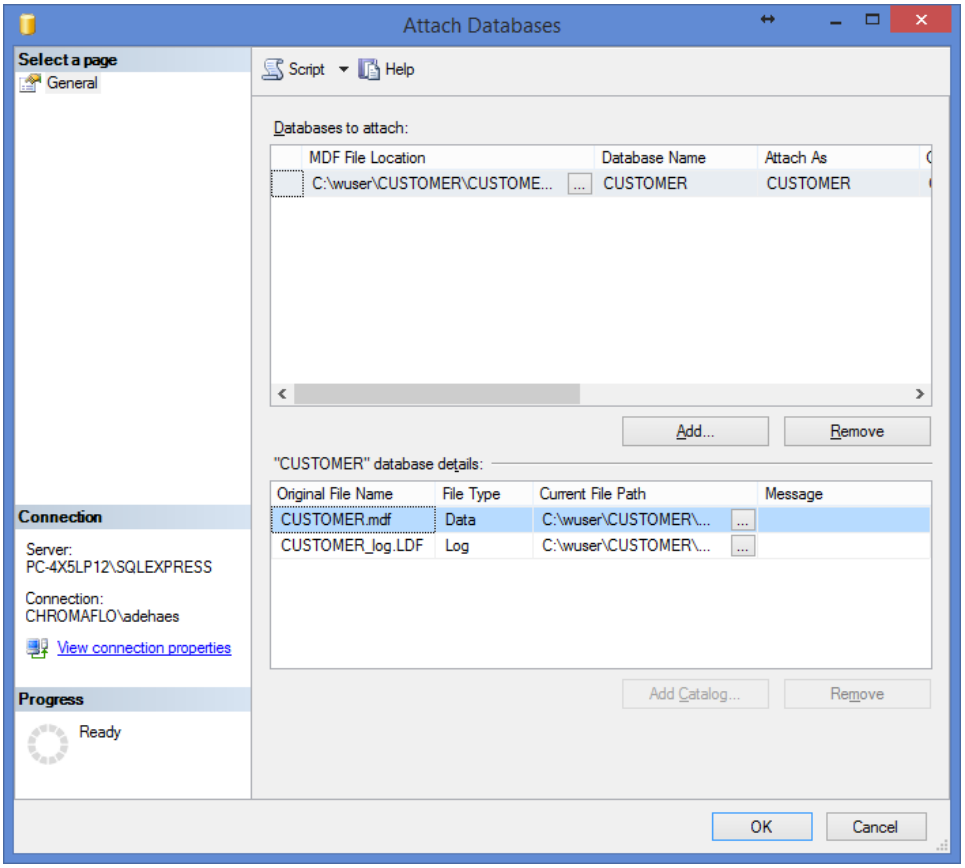
Now search for the file by clicking on “Add”.



Select the customer file.

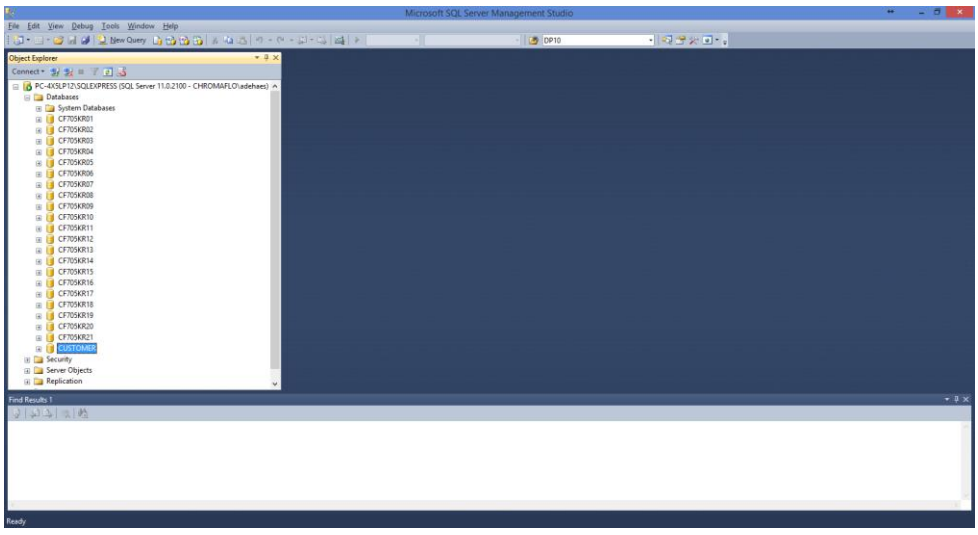


Click on “OK”.



Click on “OK”.

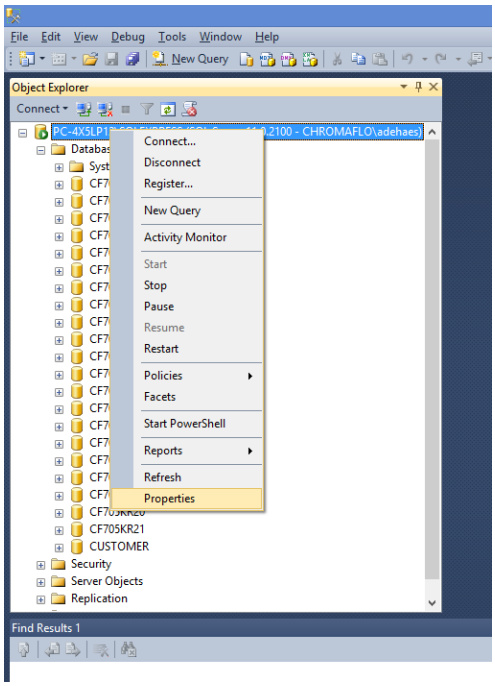
Now you see it is available in the database list.



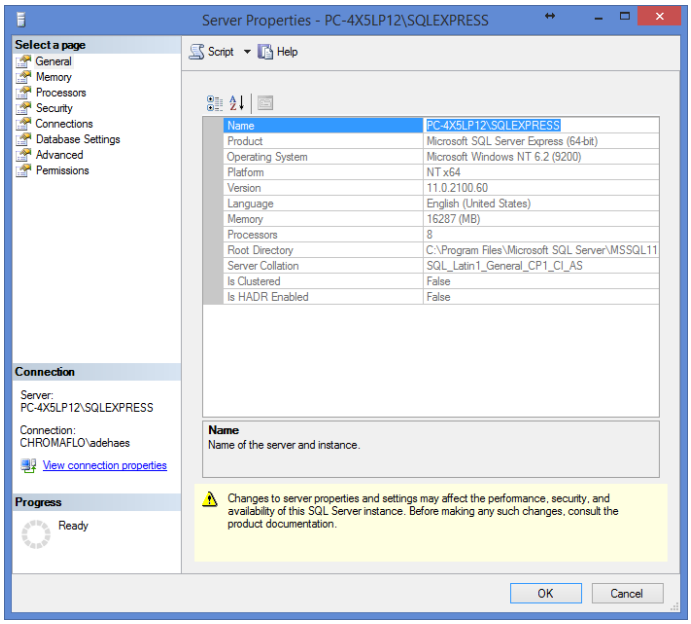
Leave the program open and also open the Local Import tool.

Select the X-Rite custom formulas import. To be able to connect you have to fill in the path of the server.

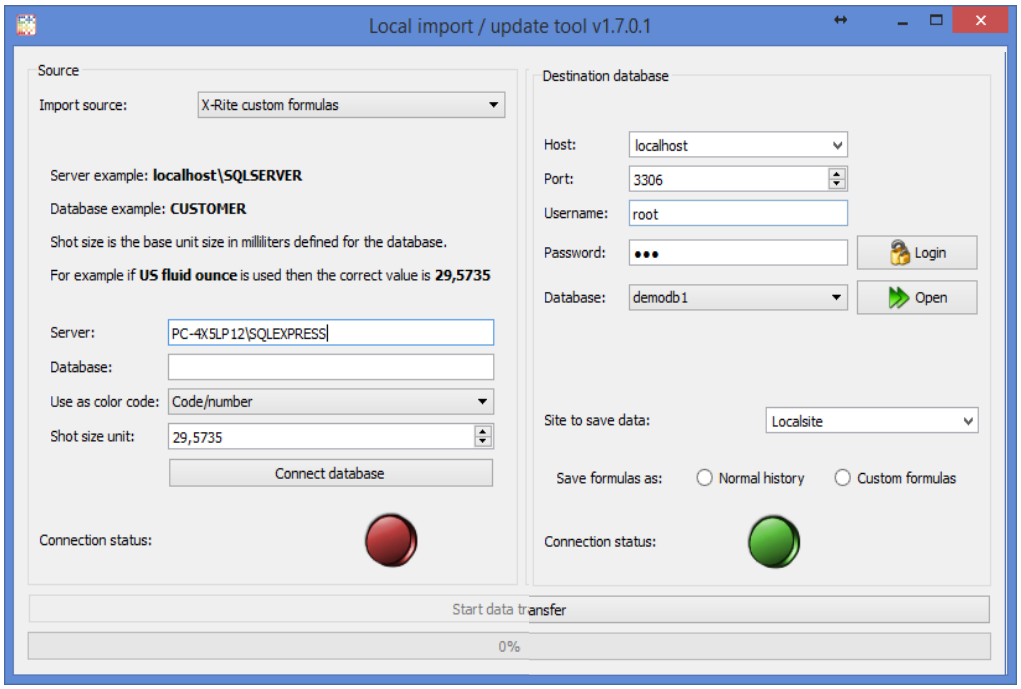
Server: this is the server name. You can get this by right clicking on the main server section and select it from there.



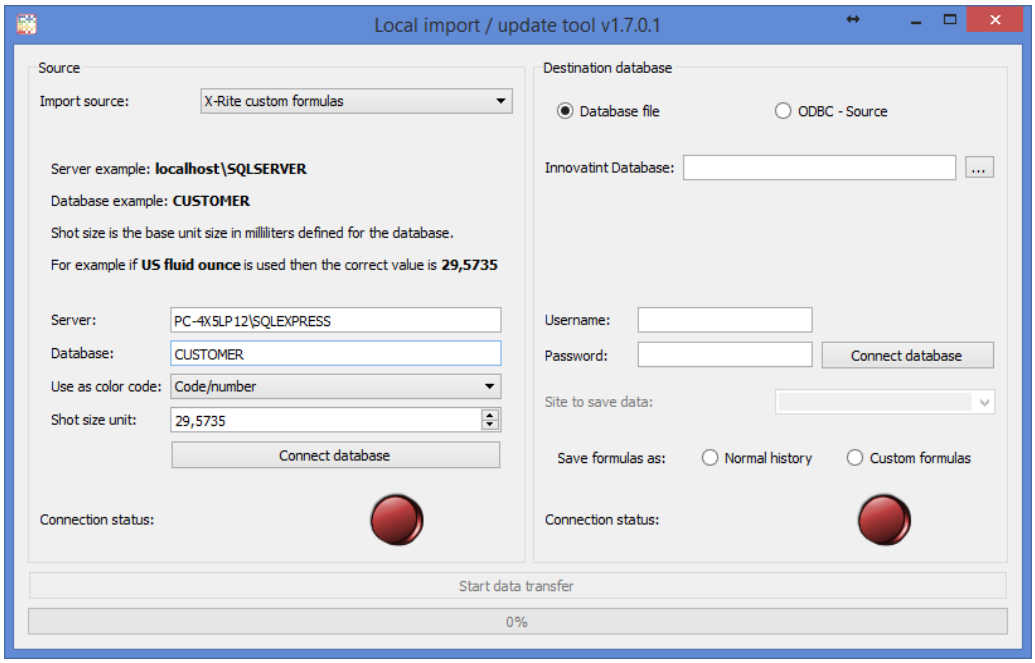
You can select and copy it from here.



Fill this in the Local Import tool.



Now fill in the server name. This is the folder name you have seen in the list. In this manual it is called “CUSTOMER”.



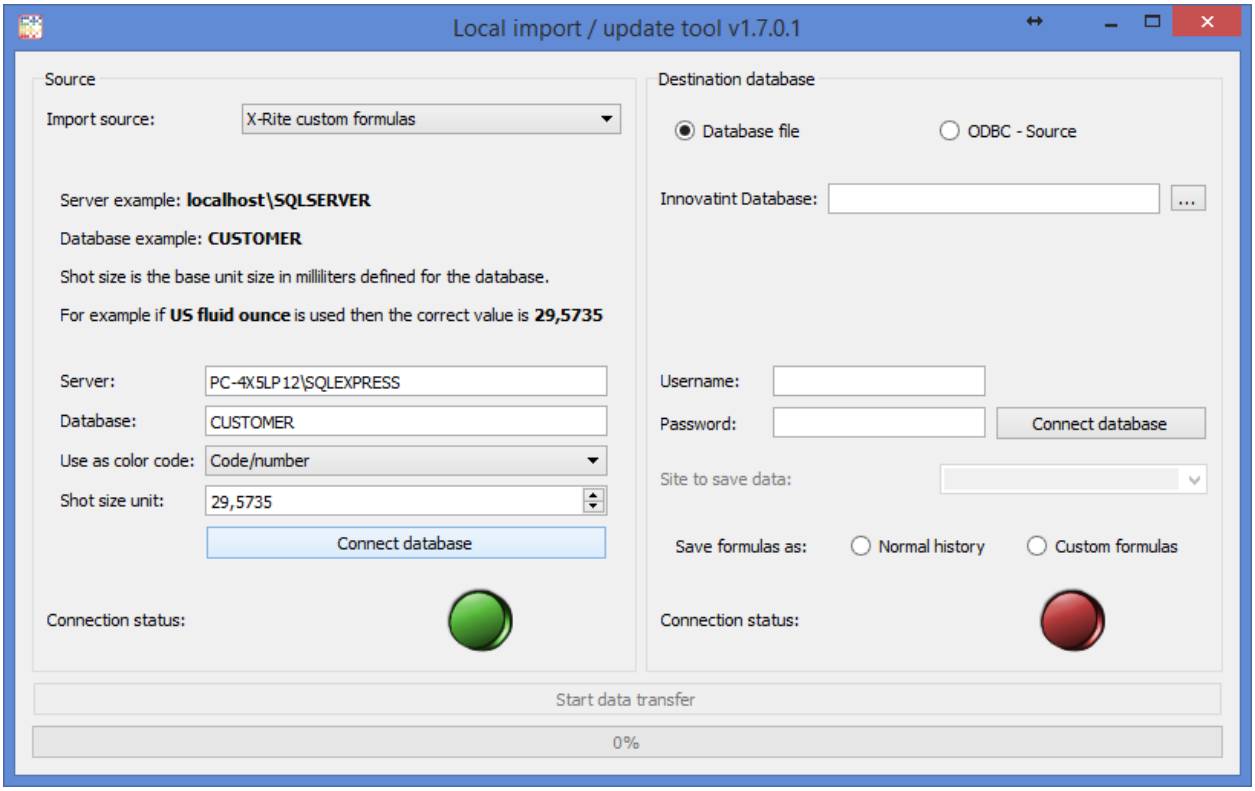
Now you have to select how to import the file. This is depending how the custom file has been build. It works as follows:

Code/number means actually just COLORNUMBER field in the formula table
Name means the COLORNAME field in the formula table
Code/number + Name means that COLORNUMBER + ‘ ‘ + COLORNAME fields are combined
Name + Code/number same as above but in different order

The COLORNAME field value is saved as color name in innovatint database, but only if it’s different that the color code created by the rules above.

Also you have to know on which shot size unit the file is based. Fill this in.

Finally click on “Connect database”. When the server can connect a green light should appear.



The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

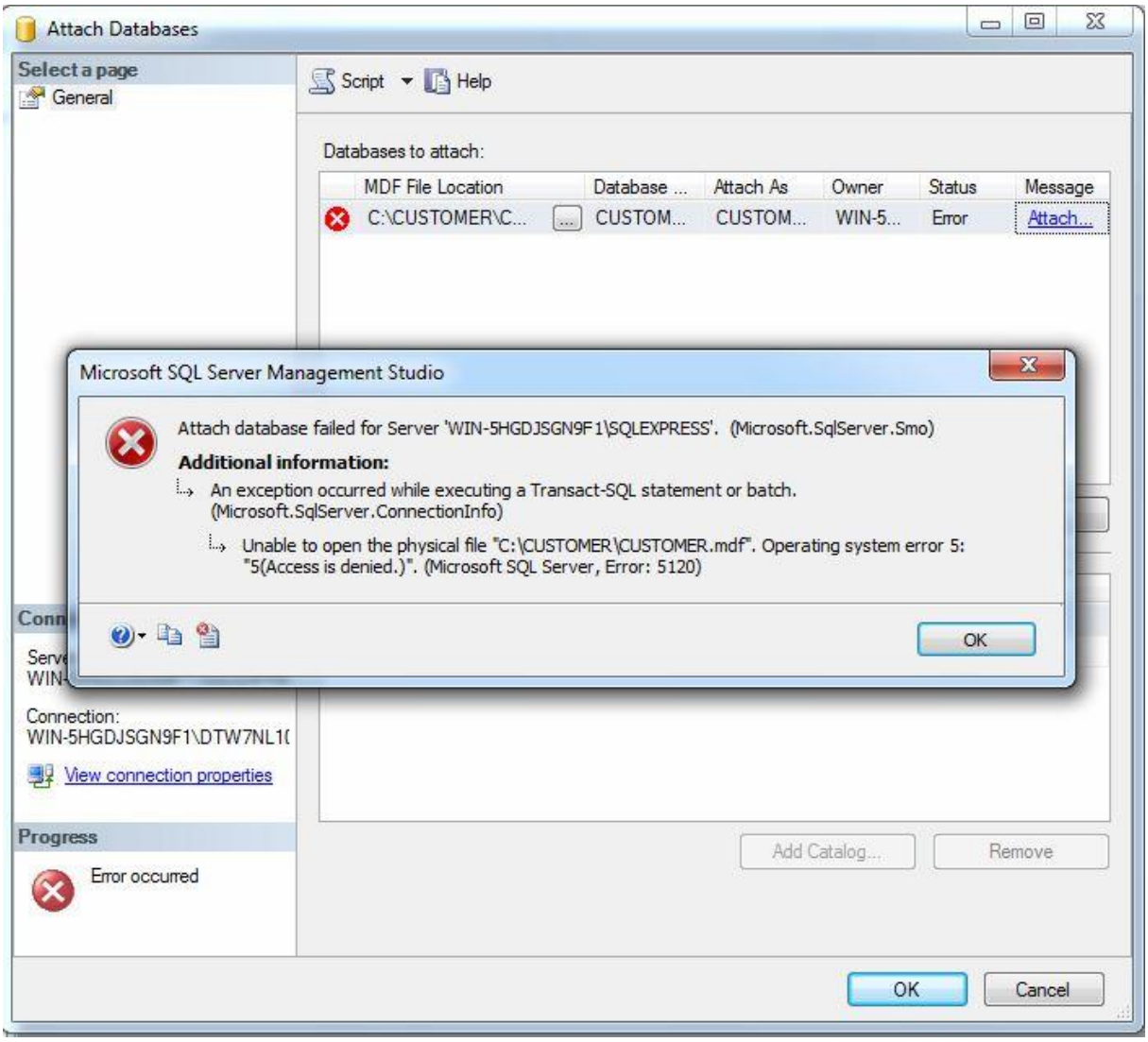
Select how the formulas should be saved:

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

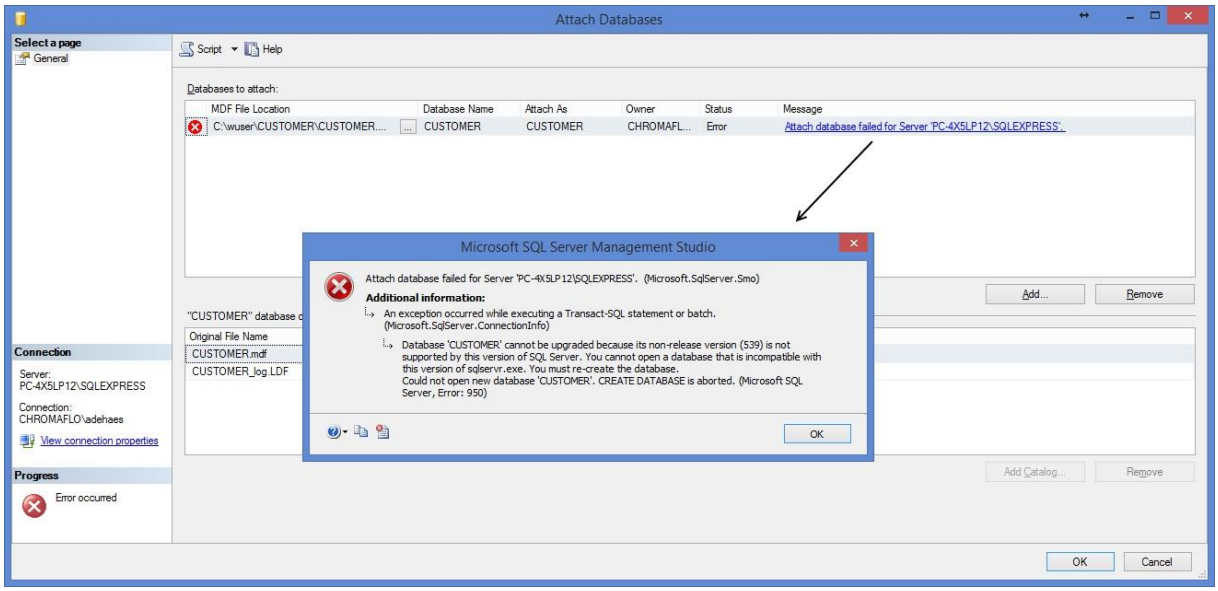
When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

Troubleshooting
It can happen you receive some error message in Microsoft SQL Server. The following are the most common.



To avoid this make sure the folder that contains the files has full rights for the user “everyone”. After this it should work.

Another error that happens is the following:



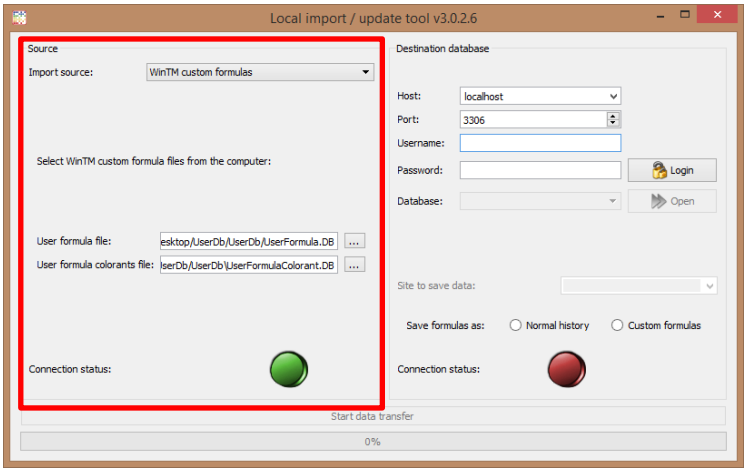
This means the database of X-Rite has been made with Microsoft SQL Server 2000. It is not possible to update the database directly. For this the file first needs to be updated in Microsoft SQL Server 2008 R2.

Download Microsoft SQL Server 2008 R2 and import the file. This works the same as in Microsoft SQL Server 2012. After you have imported the database you can close the program. Now open it with Microsoft SQL Server 2012.

You don't receive any information that the database has been updated but when it has opened correctly it is already done.

3.2.15 WinTM custom formulas

Used to import custom formulas that are coming from a WinTM installation it is needed to have the formula file and the file that contains the colorants information. Select the formula file first which is called "UserFormula.DB". When there is in the same folder also the formula file called "UserFormulaColorant.DB" the program will automatically select it. If the file is at a different location select it manually as well.



The destination database is the database where the information is exported to. First login and then select the correct database. After that click on “Open”. For the destination select to which site the import should be done, this is normally just one option.

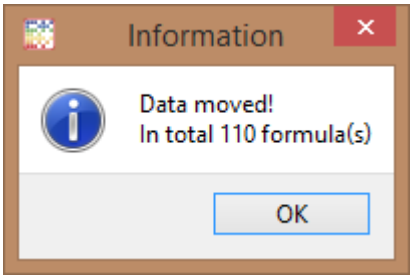
Select how the formulas should be saved:

Normal history -> the orders will appear in the history overview of Innovatint but will not be seen as custom made formulas. This also means they will not be searchable on the main UI of Innovatint P.O.S..

Custom formulas -> The orders are seen as custom made formulas which means they can also be searched for on the main UI of Innovatint P.O.S..

When both sides of the program are configured click on “Start data transfer” to move the information from the source database to the destination database.

In the end an overview of imported formulas is shown.



4. IT_Utility

4.1 Overview

Purpose:
Database management for Innovatint version 3 databases.

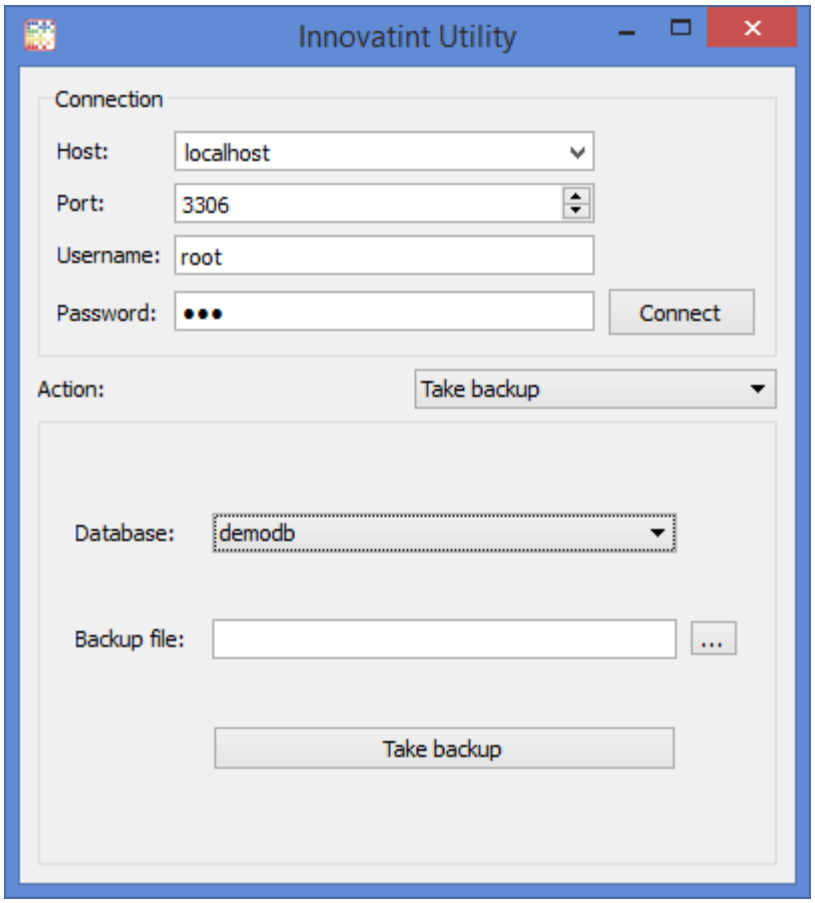
Installation:
Automatically installed with Innovatint P.O.S. and Lab.

Costs:
Free of charge.

Notes:
Program can be found in c:\wuser\IT_Utility and is called IT_UtilityGUI.exe.

4.2 Explanation

To be able to use the features from this tool it is needed to always login first. Give in the username and password and click on “Connect”.

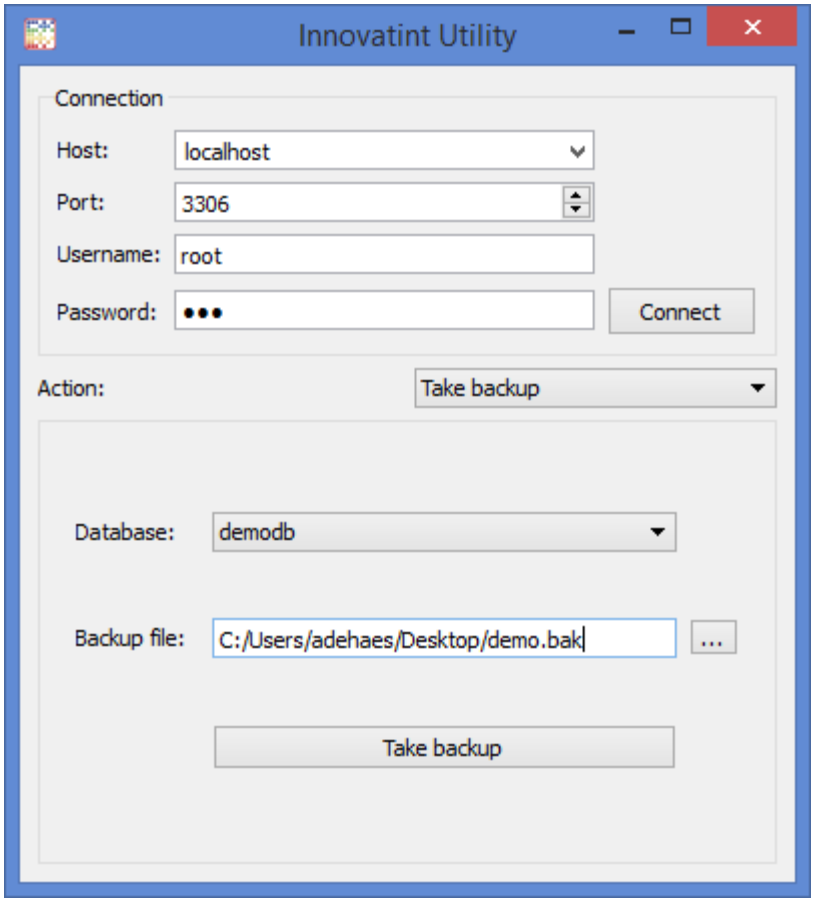


4.2.1 Backup

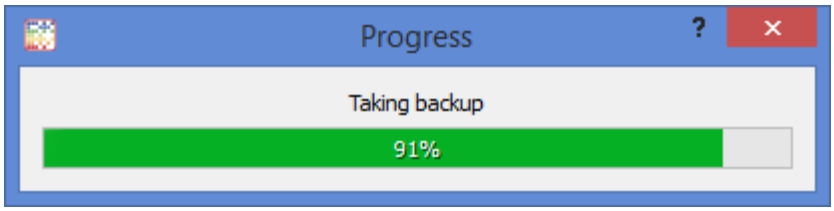
The fastest way to transfer a full database from one computer to another one by making a backup and loading that again on the other computer. This will not work for P.O.S. installations as this also requires the installation from a database link so this can only be used for Lab to Lab transfers.

Select “Take backup”.

Select the database the backup should be made from.
Select the destination.



When everything has been set click on “Take backup” and the program will give a notification was it is done.



Now the backup should be made.

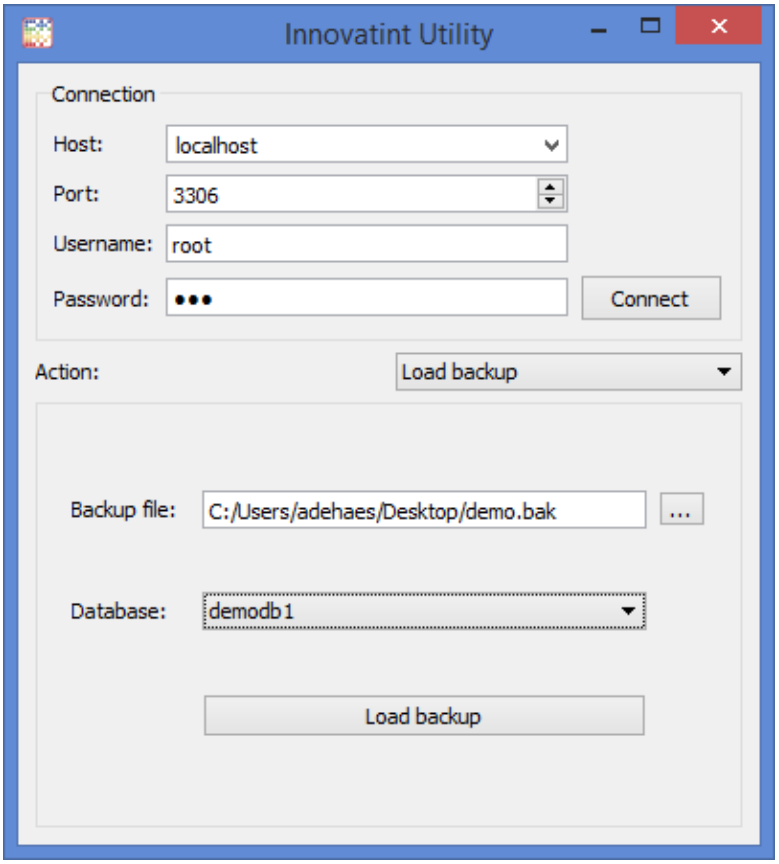
4.2.2 Load backup
To load a backup it is needed to first create an empty database. How this is done is explained further in the manual.

Select “Load backup”.

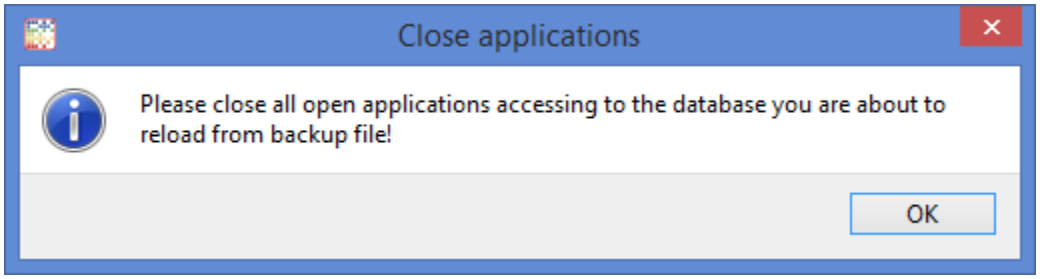
Select the backup file.

Select to which database the backup should be loaded.

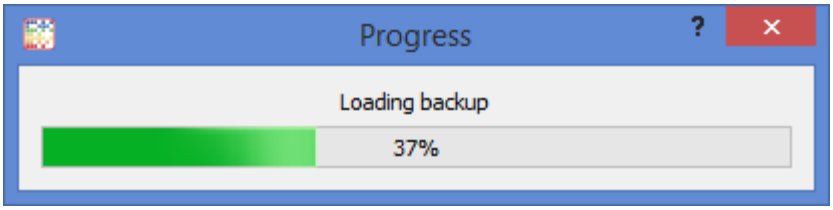
Click on “Load backup”.



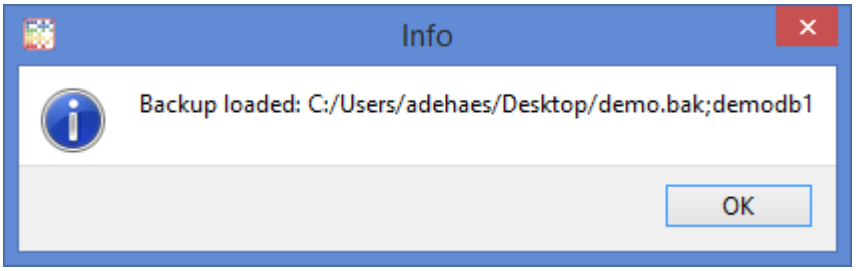
The program will give a warning before starting to make sure all connections to the database are closed. If not this can cause a corrupted database.



The backup loading will start.



When it has been finished the following message will be displayed:



4.2.3 Migrate 1.7 database

This is to import a version 1 database into a version 3 database. To migrate a database it is needed to first create an empty database. How this is done is explained further in the manual.

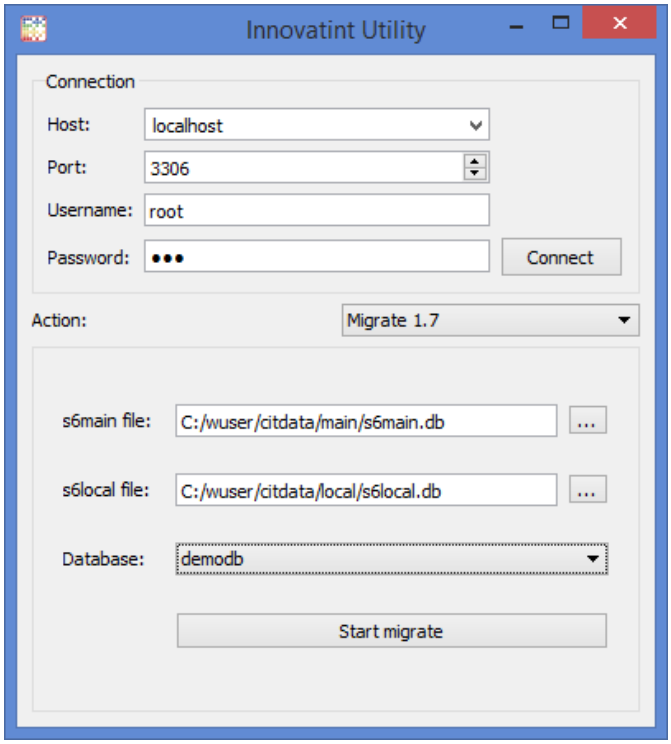
Select “Migrate 1.7”.

Select the main database file from version 1.

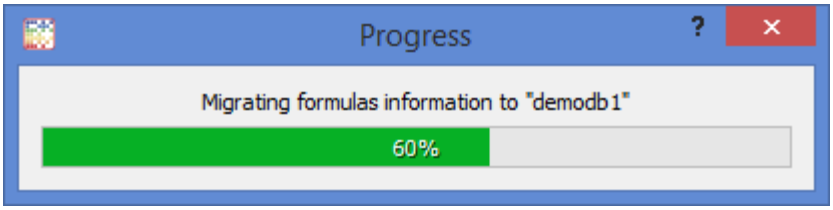
Select the local database file from version 1.

Select the database to migrate to.

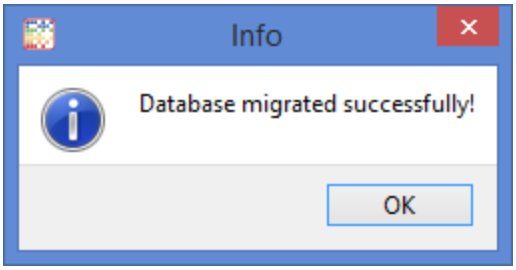
Click on “Start migrate”.



Now the migration will start.



When the migration is done it will be confirmed:



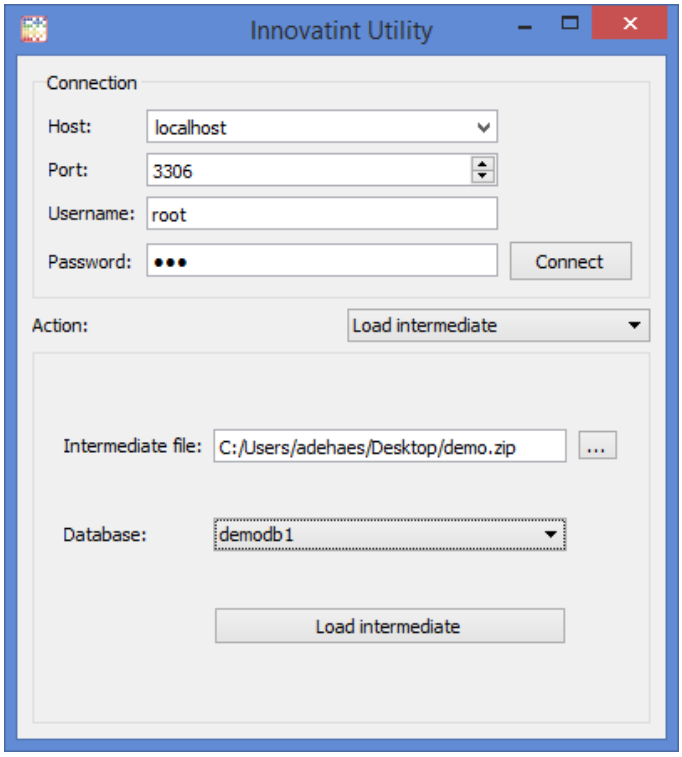
4.2.4 Load intermediate

This feature will only be used when an intermediate database file has been created via the Lab software. It will load this file back into the database.

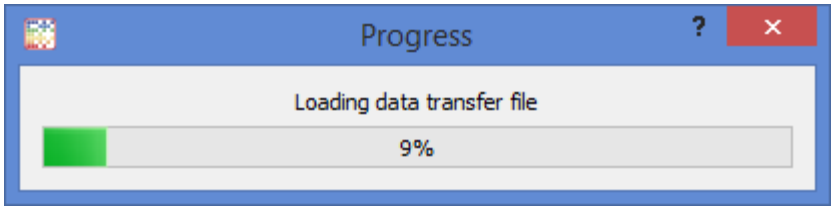
Select the zip file that has the intermediate database.

Select the database to import to.

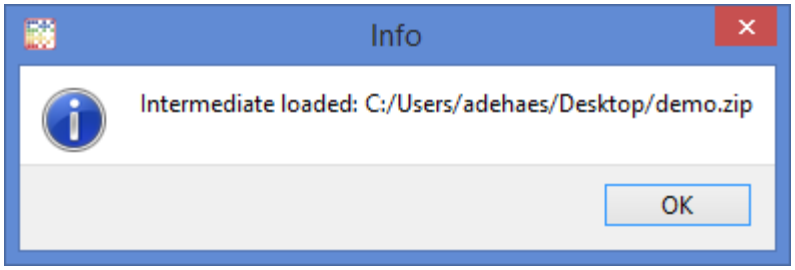
Click on “Load intermediate”.



The transfer will start.

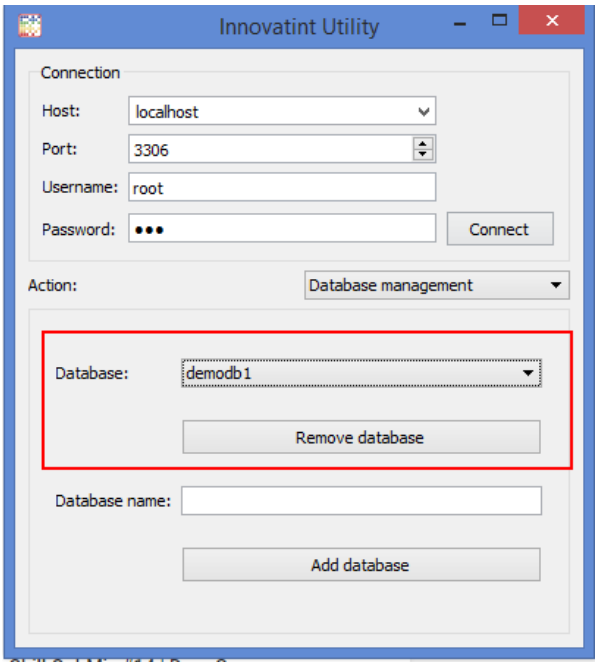


When it is finished the program will give a notification.



4.2.5 Database management
The database management section consists out of 2 sections.

Deleting of databases is done by selecting the database and then clicking on “Remove database”. This operation cannot be undone!



Adding a new empty database is done by using the “Add database” option. Give in the name of the new database, which can only be one word in small letters and without special characters, and click on “Add database”.