

Fusion & MatchIT to YASWA software installation

August 28th 2026

The application is for automated upload of antibody screening test data from local Fusion and MatchIT software to YASWA.

This manual was originally created to set up the connection to the Fusion database. However, the steps are the same for the MatchIT setup.

The upload can be used for 'Luminex mixed assay' and 'Luminex single antigen bead assay'. For the latter one antibody specificities concluded in final assignment + MFI values will be transferred.

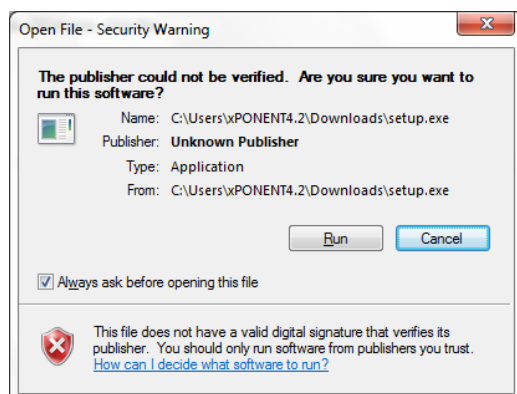
The following instructions are a onetime initial installation procedure. Help from it staff might be needed.

1. Launch the installation file by clicking here:

https://sc40.scandiatransplant.org/fusion_files/setup.exe

2. Approve installation by overriding security warnings. This will appear in various ways depending on windows-version:

Windows 7: Click Run



Windows 10: Click [More Info]

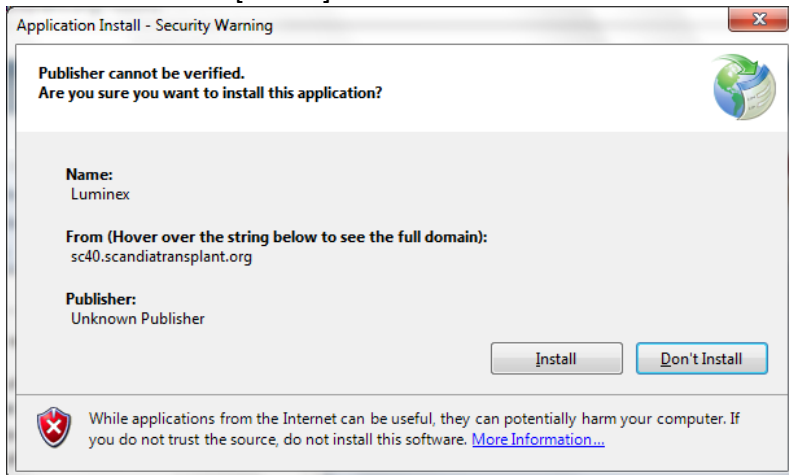
Windows protected your PC

Windows Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.
[More info](#)

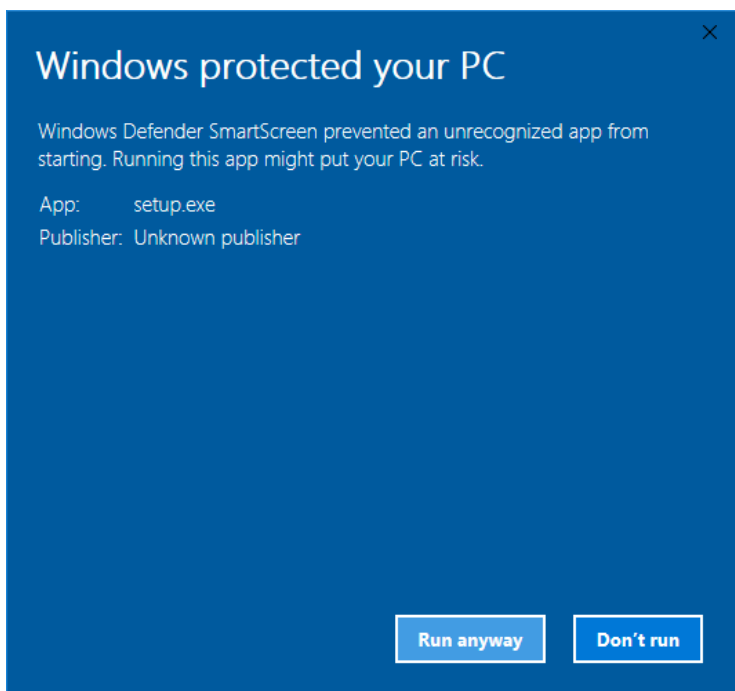
Don't run

3. Ignore security warning

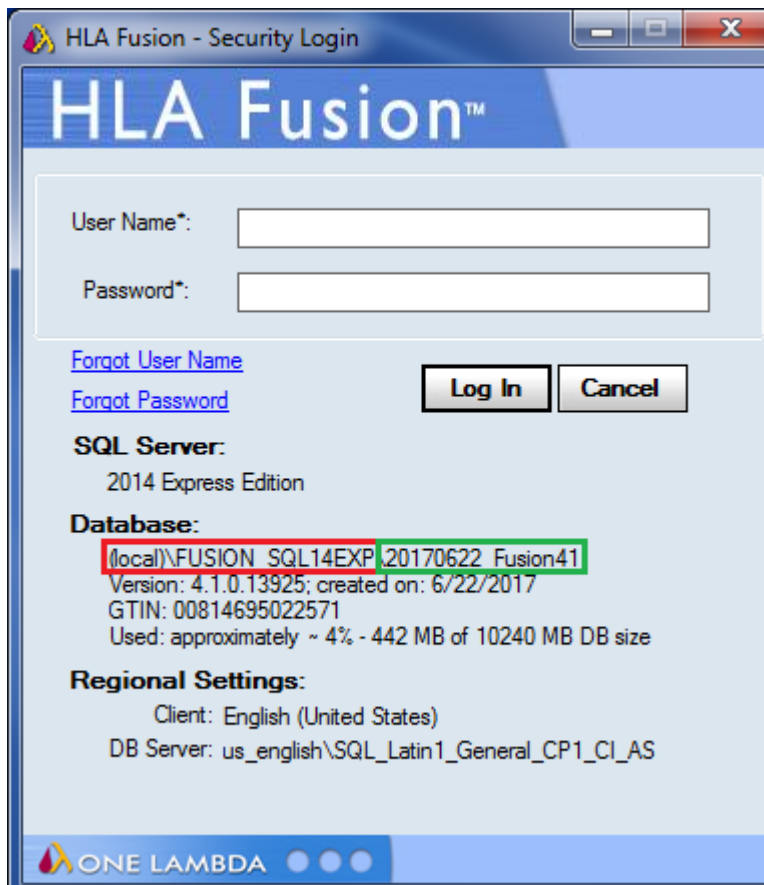
Windows 7: Click [Install]



Windows 10: Click [Run anyway]



4. Before initial configuration, please open local Fusion/MatchIT-software



The image shows a Windows-style application window titled "HLA Fusion - Security Login". The window has a blue header bar with the "HLA Fusion™" logo. Below the header, there are two input fields: "User Name*" and "Password*", each with a corresponding text box. To the right of these fields are two buttons: "Log In" and "Cancel". Below the input fields, there are two links: "Forgot User Name" and "Forgot Password". Underneath these links, the text "SQL Server:" is followed by "2014 Express Edition". Below that, the text "Database:" is followed by a red-bordered box containing the text "(local)\FUSION_SQL14EXP\20170622_Fusion41". Below this box, the text "Version: 4.1.0.13925; created on: 6/22/2017" is displayed. Below that, the text "GTIN: 00814695022571" is displayed. Below that, the text "Used: approximately ~ 4% - 442 MB of 10240 MB DB size" is displayed. Below this text, the text "Regional Settings:" is followed by "Client: English (United States)" and "DB Server: us_english\SQL_Latin1_General_CP1_CI_AS". At the bottom of the window, there is a blue bar with the "ONE LAMBDA" logo and three small circles.

HLA Fusion - Security Login

HLA Fusion™

User Name*:

Password*:

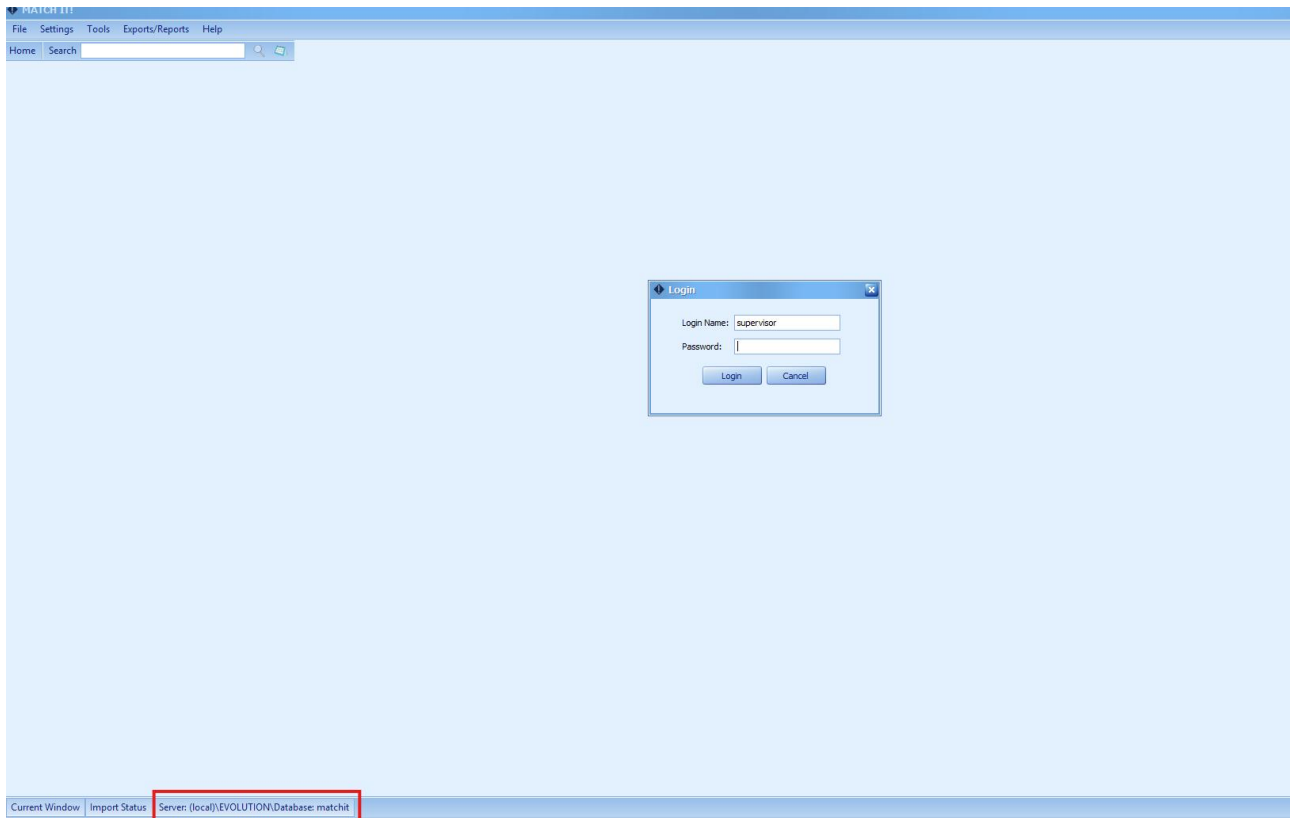
[Forgot User Name](#) [Forgot Password](#)

SQL Server:
2014 Express Edition

Database:
(local)\FUSION_SQL14EXP\20170622_Fusion41
Version: 4.1.0.13925; created on: 6/22/2017
GTIN: 00814695022571
Used: approximately ~ 4% - 442 MB of 10240 MB DB size

Regional Settings:
Client: English (United States)
DB Server: us_english\SQL_Latin1_General_CP1_CI_AS

ONE LAMBDA



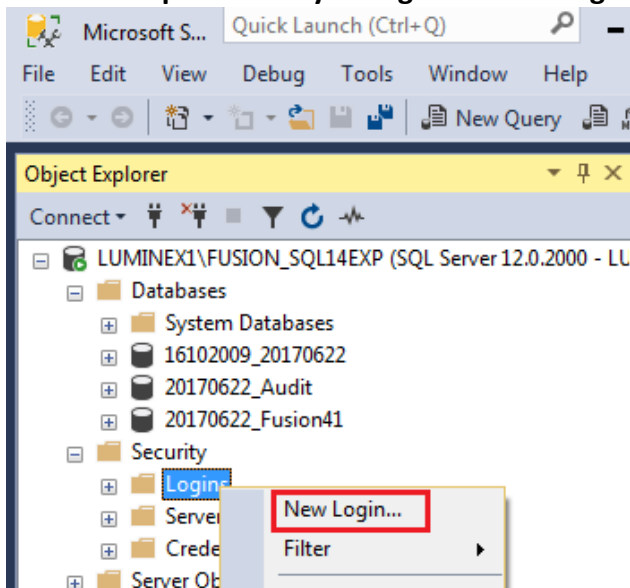
5. Note the Database settings (above); i.e. (local)\FUSION_SQL14EXP and 20170622_Fusion41 or (local)\EVOLUTION and matchit

6. The next step might require help from it-staff and definitely requires [SQL Server Management Console]

6.1 On the server running the actual SQL Server Database open [SQL Server Management Console]

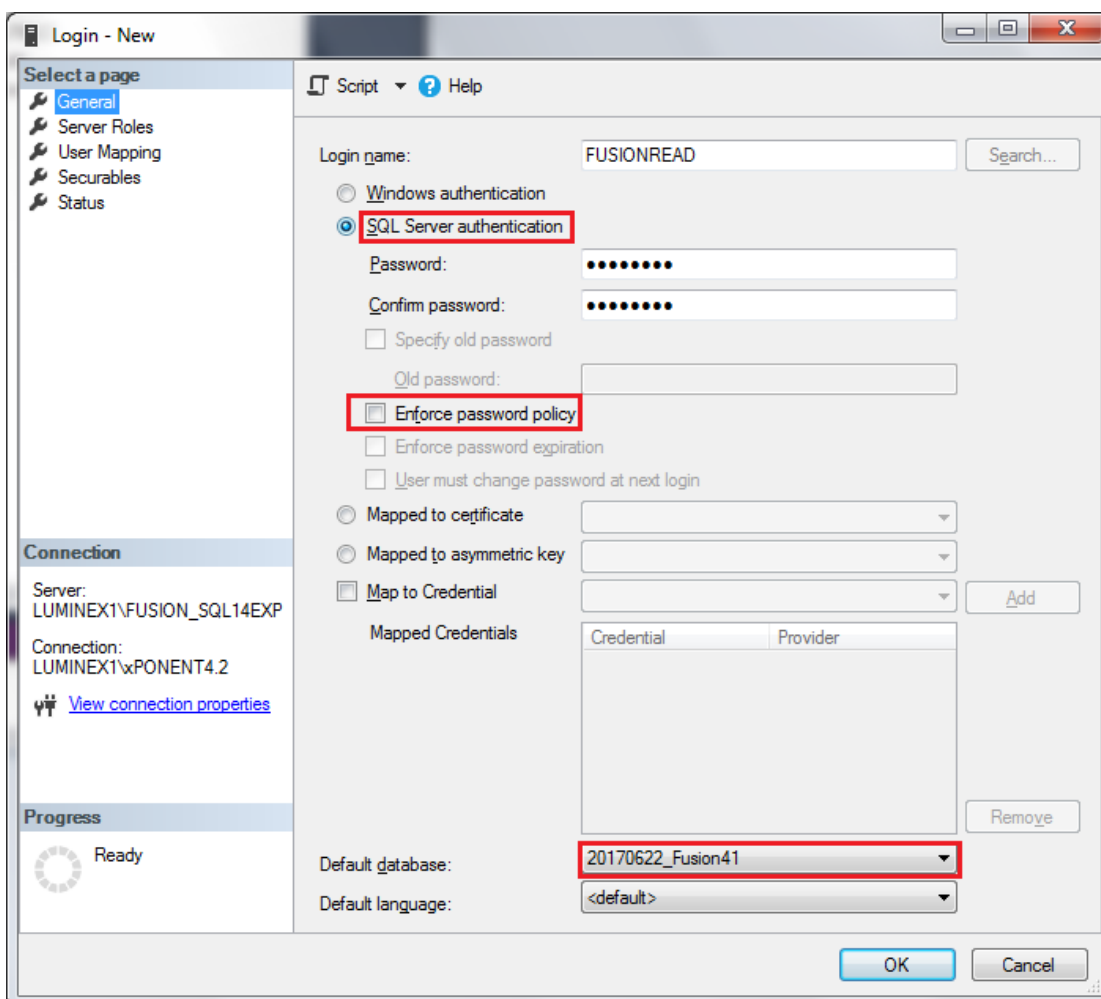
6.2 Connect to the FUSION/MatchIT database; e.g. (local)\FUSION_SQL14EXP or (local)\EVOLUTION and matchit

6.3 ... and open Security -> Logins -> New Login ...

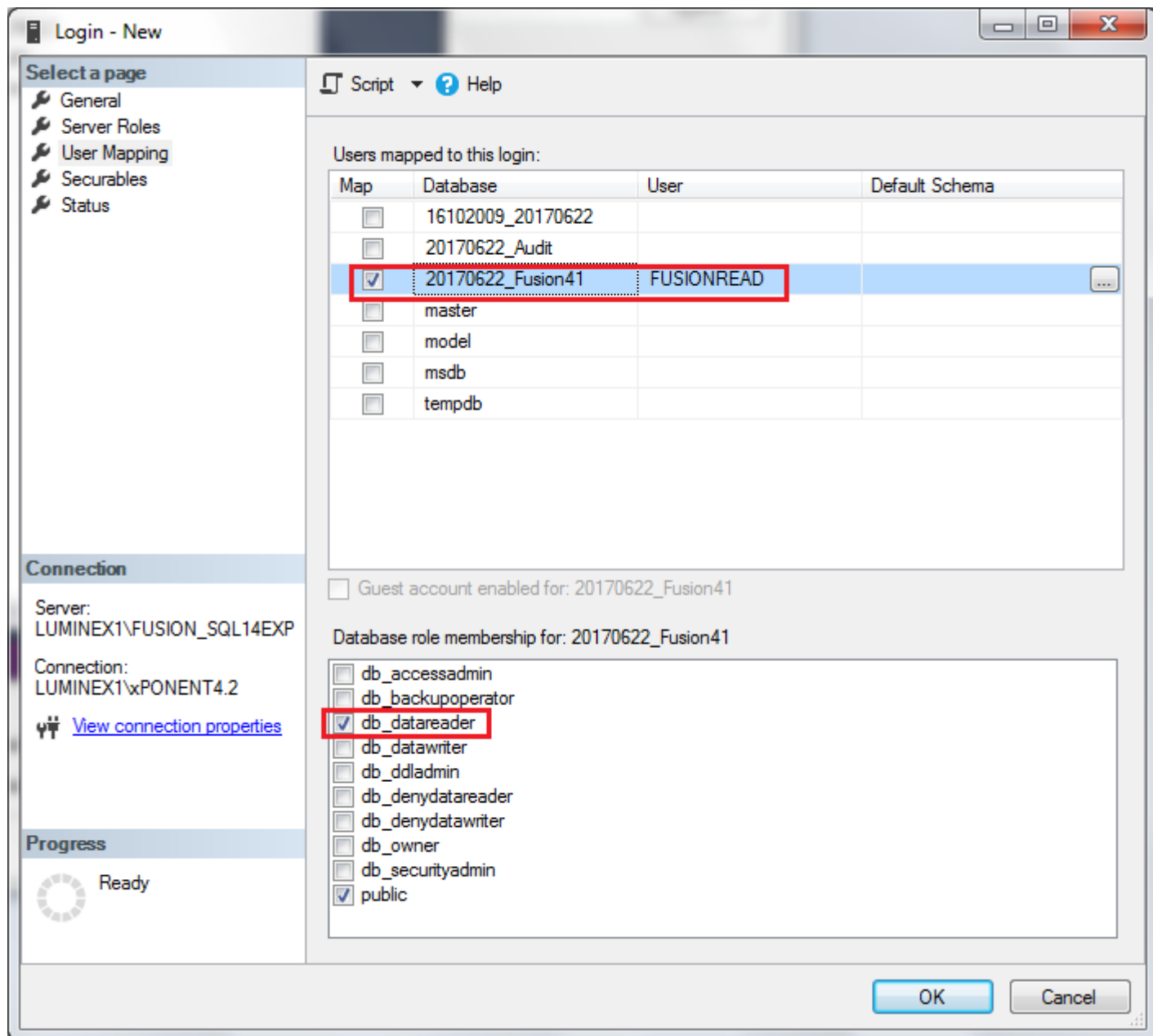


7. Create a new user (e.g. FUSIONREAD/MATCHITREAD) using the settings outlined in red below

Remember the chosen password, which must be used in step 9 below

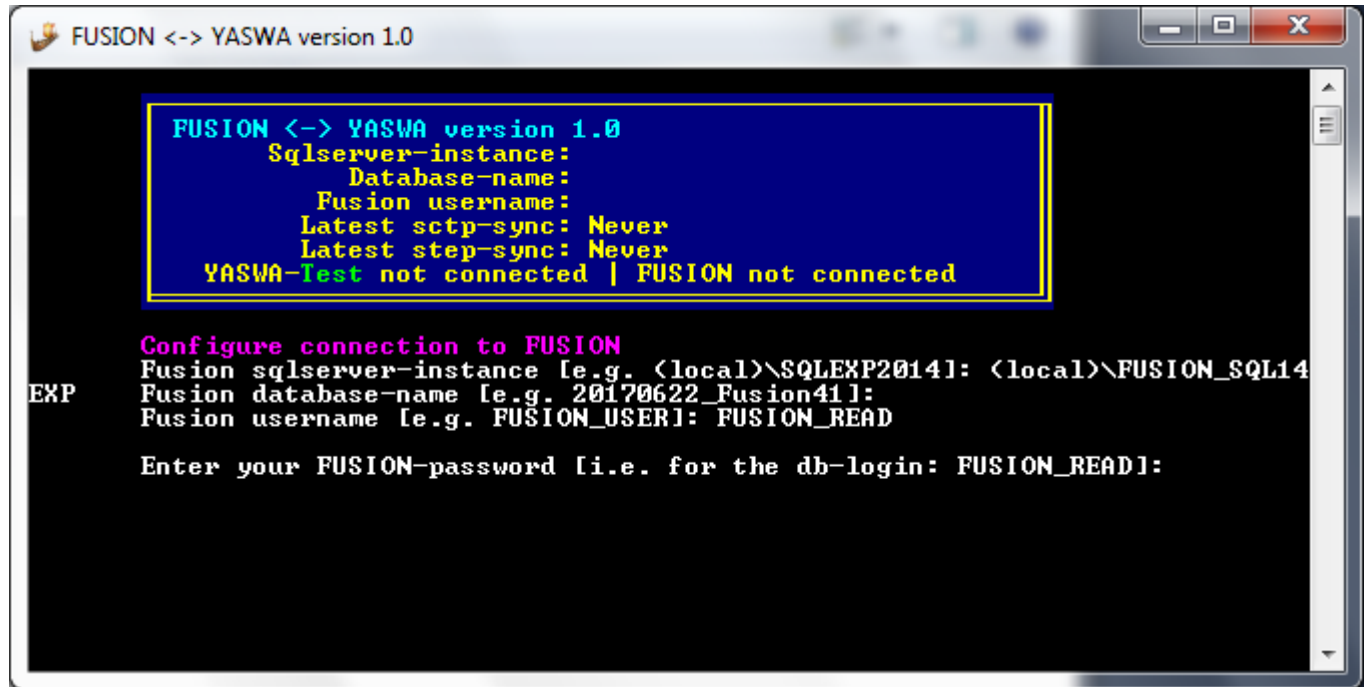


8. Attach the user to the Fusion or MatchIT database as outlined in red:



9. Setup initial configuration (ignore this when reinstalling) by copying settings from Fusion/MatchIT-software (step 4 above)

... as well as your newly created database-user (step 7)



```
FUSION <-> YASWA version 1.0
  Sqlserver-instance:
    Database-name:
    Fusion username:
    Latest sctp-sync: Never
    Latest step-sync: Never
  YASWA-Test not connected | FUSION not connected

Configure connection to FUSION
Fusion sqlserver-instance [e.g. <local>\SQLEXP2014]: <local>\FUSION_SQL14
Fusion database-name [e.g. 20170622_Fusion41]:
Fusion username [e.g. FUSION_USER]: FUSION_READ

Enter your FUSION-password [i.e. for the db-login: FUSION_READ]:
```

10. Installation is complete

11. If updates are made, you will automatically be notified when starting the application. It is important to answer 'Yes' to update the application.