

Xtreme SmartX7Link Reference Guide





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OVERVIEW AND QUICK START GUIDE

Product Overview

1. The Xtreme SmartX7Link software is designed to provide remote access to one or more Eriez Xtreme Metal Detectors within an Intranet (i.e., the software cannot be used to access a Metal Detector from a remote location outside of the network where the Metal Detector resides).
2. The Xtreme SmartX7Link software provides both remote control of a Metal Detector as well as the ability to download logs from a Metal Detector.

Xtreme SmartX7Link Quick Start Guide

1. Install the Xtreme SmartX7Link software from the Eriez-provided USB drive to your computer.
2. Register the software using either a Free 30-day Trial Registration or a Full Registration (requires purchase)
3. Logon to the system using a default user name and password given in the table below.
4. Add a Metal Detector by left clicking on the “Add Metal Detector” button and providing a name (for display purposes only) and IP address for the metal detector of interest.
5. A green check mark icon indicates that the Metal Detector is available and ready to connect. A red X icon indicates that the Metal Detector is unavailable on the network. A gold star icon indicates that the Xtreme SmartX7Link software is currently connected to that Metal Detector.
6. Left click on the green check mark icon to connect to a Metal Detector. Left click on the gold star icon to disconnect from a Metal Detector.
7. After connecting to a Metal Detector, the user may download logs from the Metal Detector or control the Metal Detector depending on the access level of the logged in user.

Default User Name	Access Level	Default Password
Operator	Operator	1111
QC	Quality Control	2222
Supervisor	Supervisor	3333
Engineer	Engineer	4444

Access Level Indicators

Throughout this document, access indicators are used to convey the minimum access level required to access a given feature set. The access levels include View (V), Operator (O), Quality Control (Q), Supervisor (S) and Engineer (E).



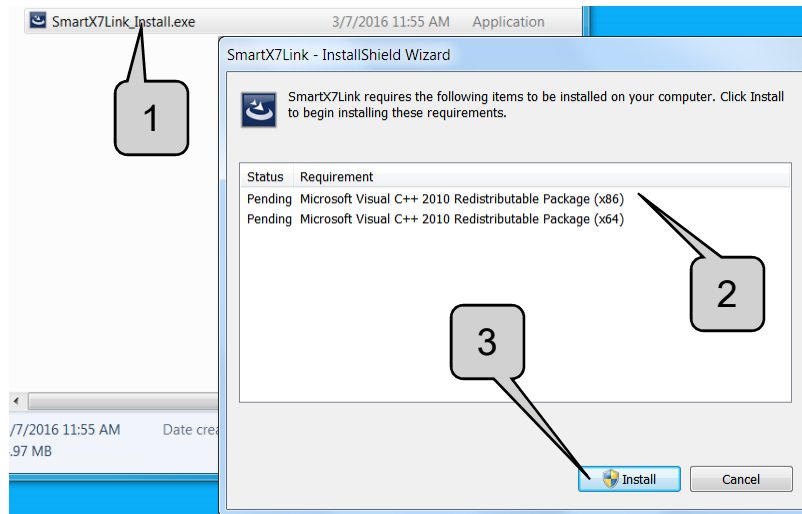


SOFTWARE INSTALLATION

(1 of 4)

Computer Requirements

Windows 7 with SP1, Windows 8 or Windows 10

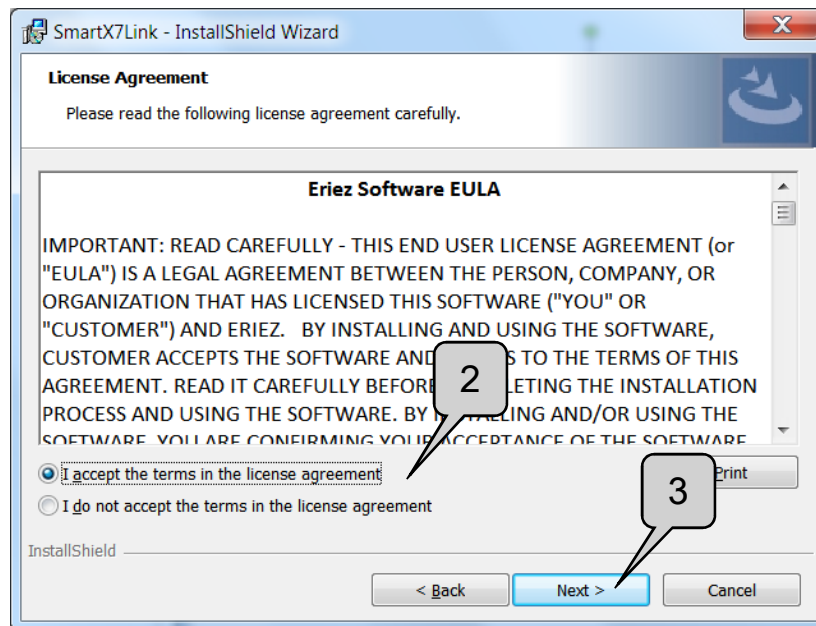
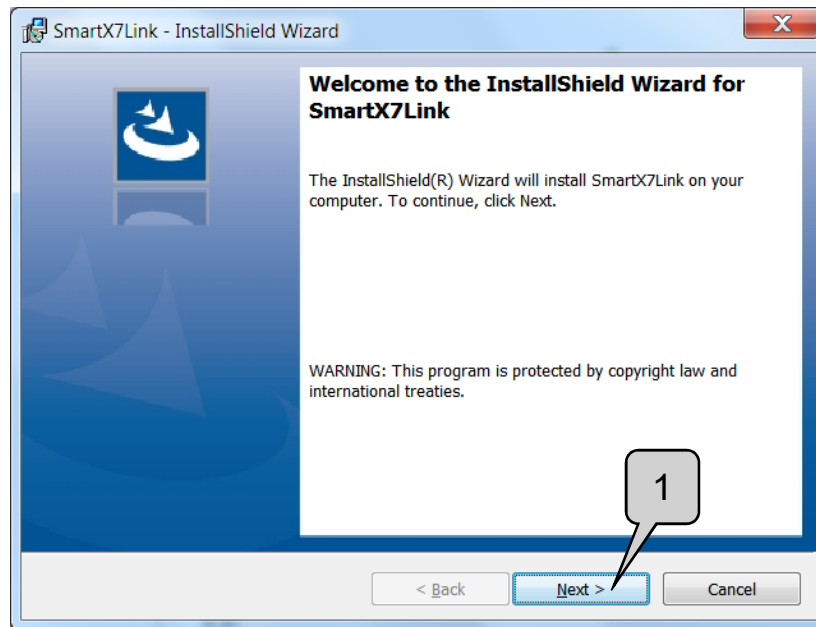


1. The Xtreme SmartX7Link installation file is located on the provided USB drive. The file is located in the SmartX7Link folder. It is named “SmartX7Link_Install.exe”. Double click the file to open the installation window.
2. If prerequisite software packages are not found on the installation PC, they can be installed using the Xtreme SmartX7Link installer. The list of uninstalled prerequisite software packages will be displayed as the first step of the software installation. If all prerequisite software is currently installed on the PC, the user will not see this screen.
3. If necessary, left click “Install” to begin installing the prerequisite software packages or left click “Cancel” to quit the installation.



SOFTWARE INSTALLATION

(2 of 4)

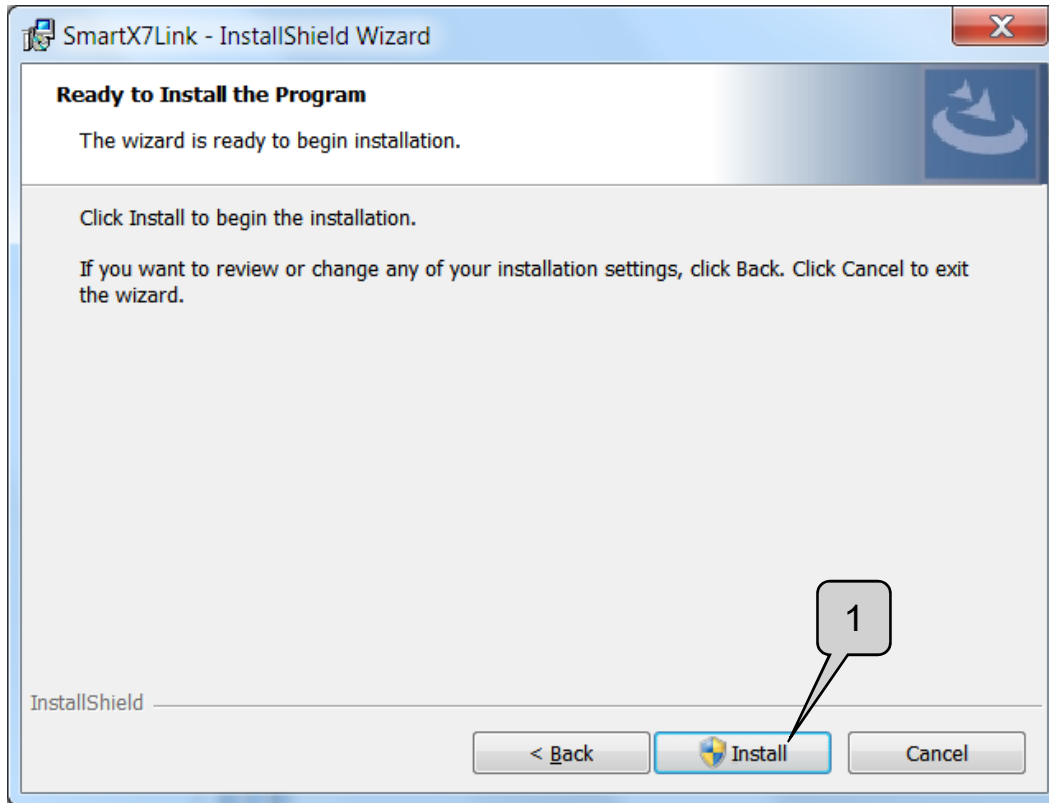


1. Left click the “Next” button to begin the installation.
2. Read the Xtreme SmartX7Link License Agreement and accept the terms of the license if applicable.
3. If agreeing to the License Agreement, left click the “Next” button to continue installation.



SOFTWARE INSTALLATION

(3 of 4)

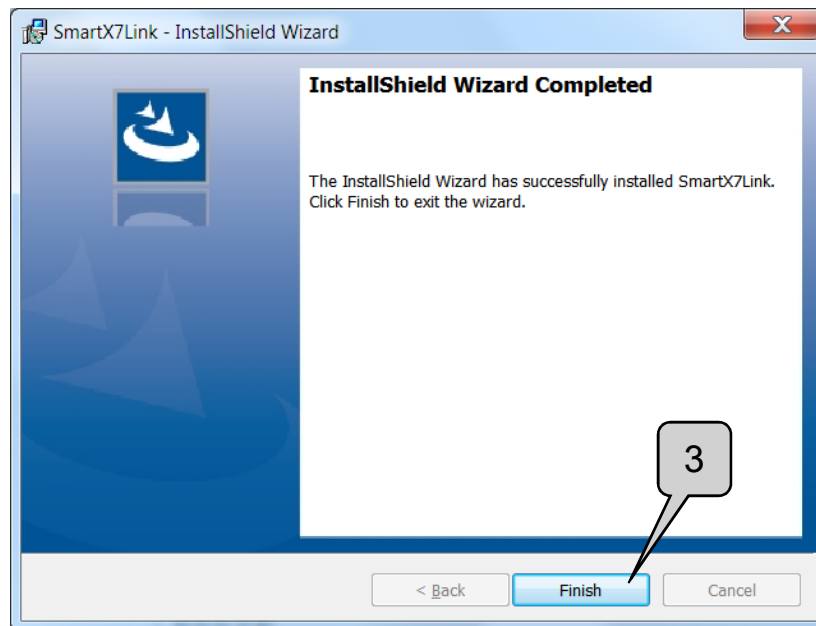
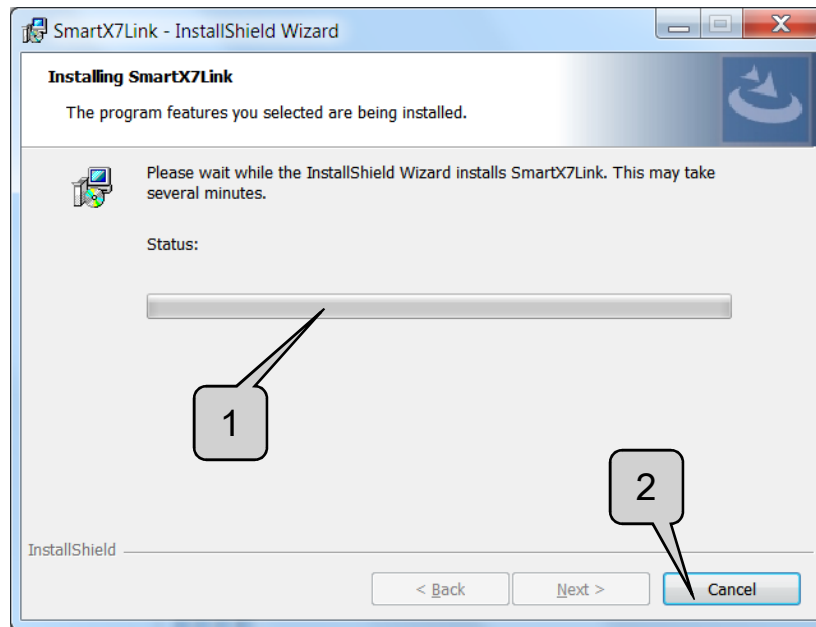


1. Left click the “Install” button to begin the software installation.



SOFTWARE INSTALLATION

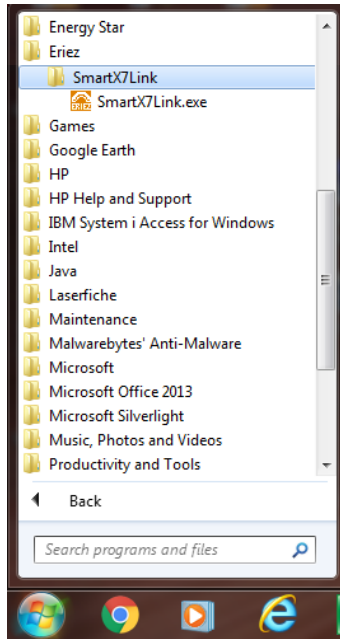
(4 of 4)



1. The installation status will be displayed as the software is installed.
2. The user can left click the “Cancel” button to quit the installation process.
3. After installation is complete, left click the “Finish” button.



OPENING THE SOFTWARE



1. After installing the software, you can access it by opening the Windows start menu and navigating to the program folder:

Eriez ▶ SmartX7Link ▶ SmartX7Link.exe



SOFTWARE ACTIVATION

Overview

The software activation process is simple, but should be explained to avoid confusion. There are two software activation options:

- Trial Registration
- Full Registration

The trial version of the software allows you to try the software for 30-days before purchasing. If you have already purchased the software, you can register the software.

Both trial and full registrations of the software can be done online or offline. Online registration is simpler for the user because the Xtreme SmartX7Link software gathers all necessary information and communicates with the Eriez licensing server to activate the registration.

For offline registrations, the user must call Eriez to retrieve the information necessary to complete the registration process.

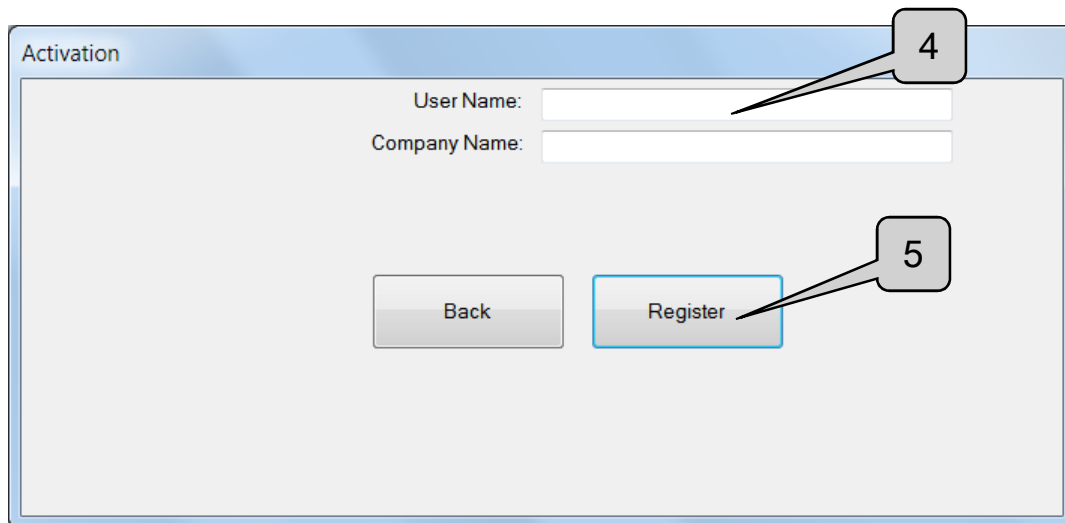
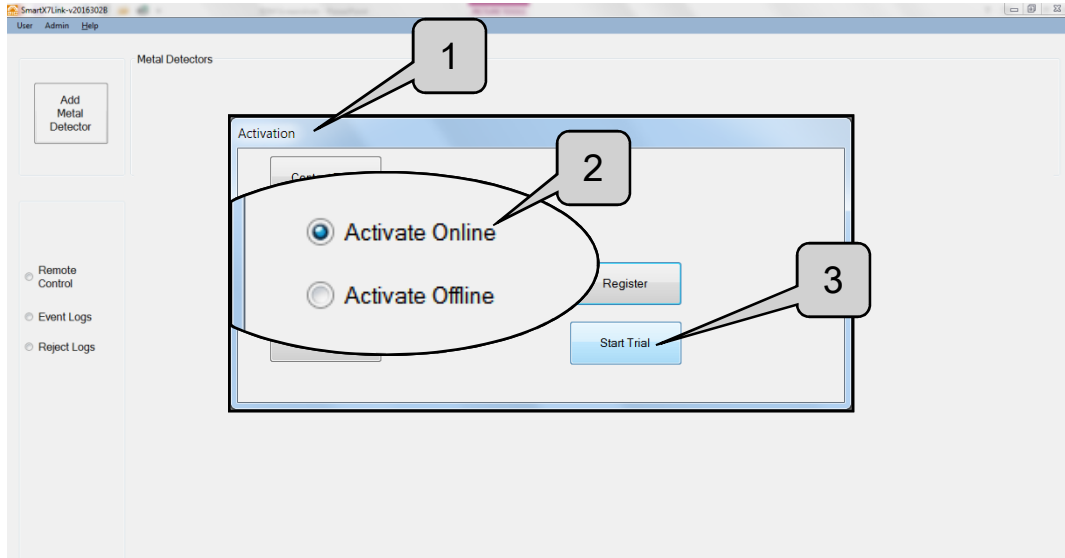
Each activation method is outlined in the following pages.



SOFTWARE ACTIVATION

Trial Registration - Online

(1 of 2)

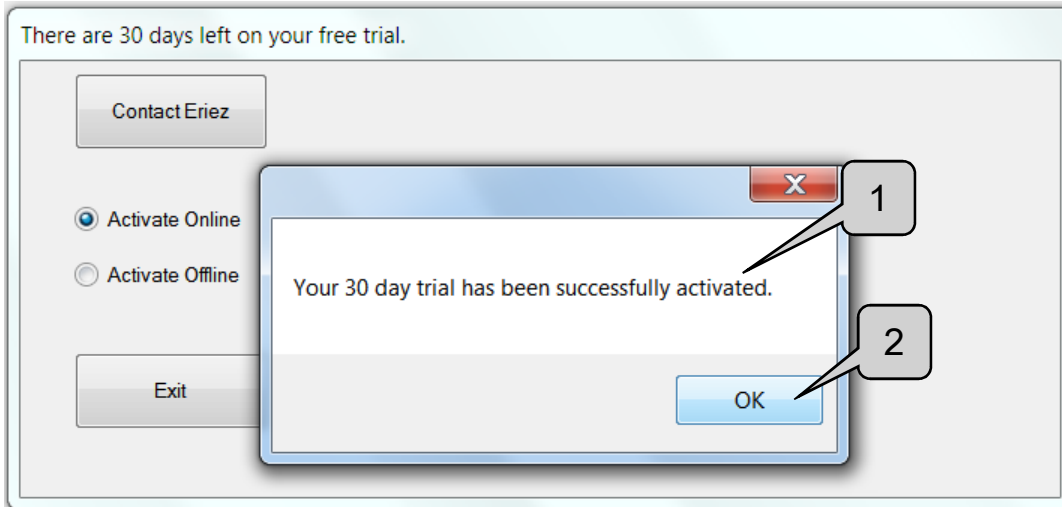


1. If the software has not been through the full activation process, the user is presented with the Activation window when it is opened.
2. Select the “Activate Online” option.
3. Select “Start Trial” to begin a free 30-day, fully-functional trial of the software.
4. Enter the “User Name” and “Company Name”.
5. Left click the “Register” button to activate the software.



SOFTWARE ACTIVATION

Trial Registration - Online
(2 of 2)



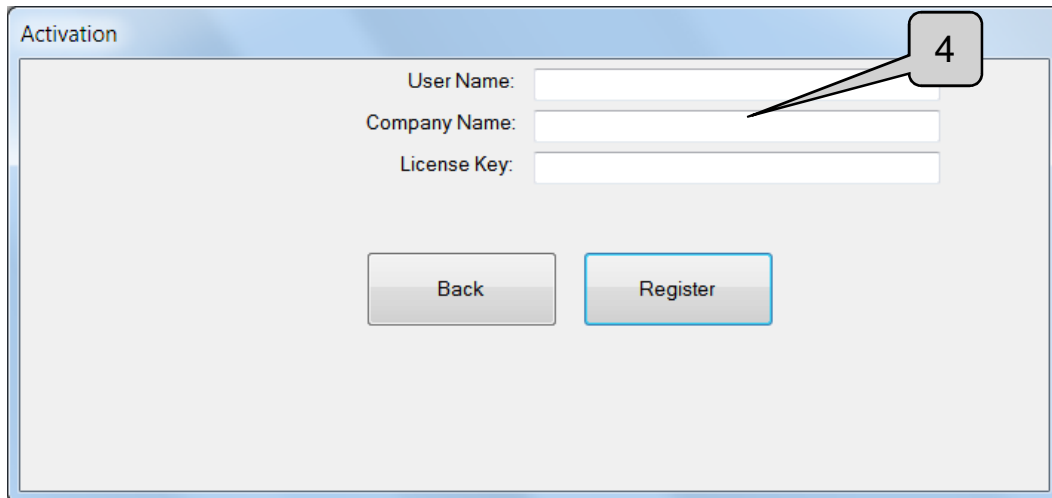
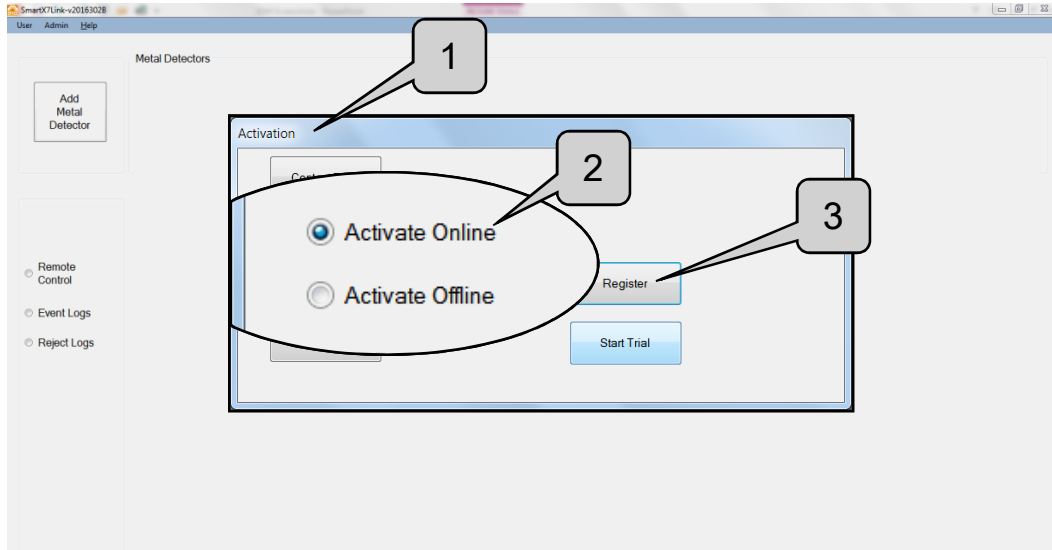
1. The user will be alerted when the activation is complete.
2. Left click the "OK" button to close the Activation window.



SOFTWARE ACTIVATION

Full Registration - Online

(1 of 2)

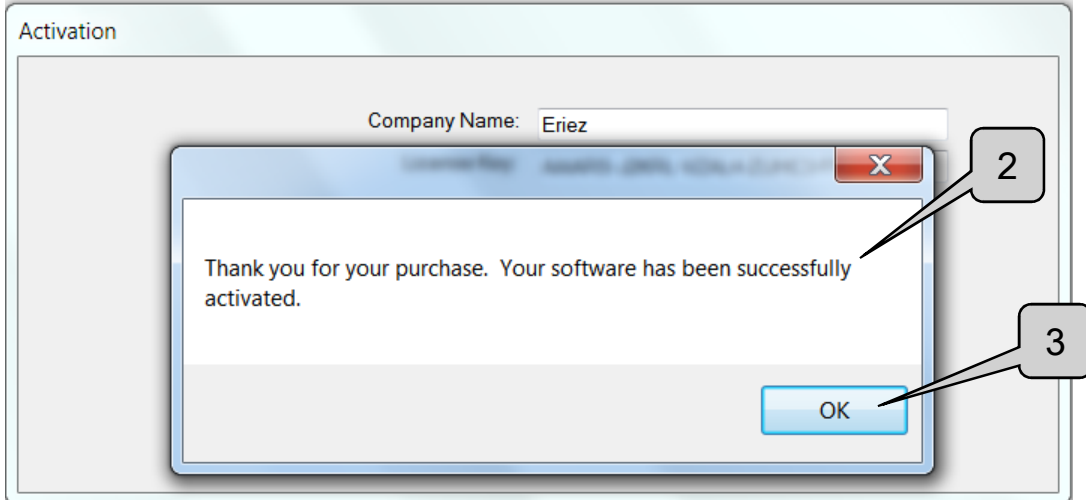
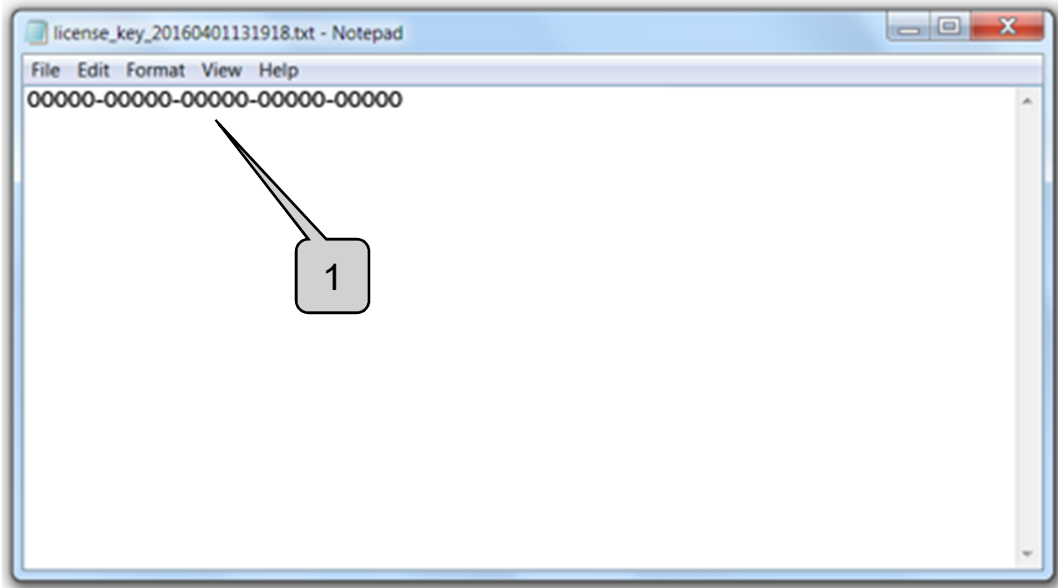


1. If the software has not been through the full activation process, the user is presented with the Activation window when it is opened.
2. Select the “Activate Online” option.
3. Select “Register” for Full Registration of the software.
4. Enter the “User Name, “Company Name”, and “License Key” (see the next page for instructions on obtaining the license key)



SOFTWARE ACTIVATION

Full Registration - Online
(2 of 2)



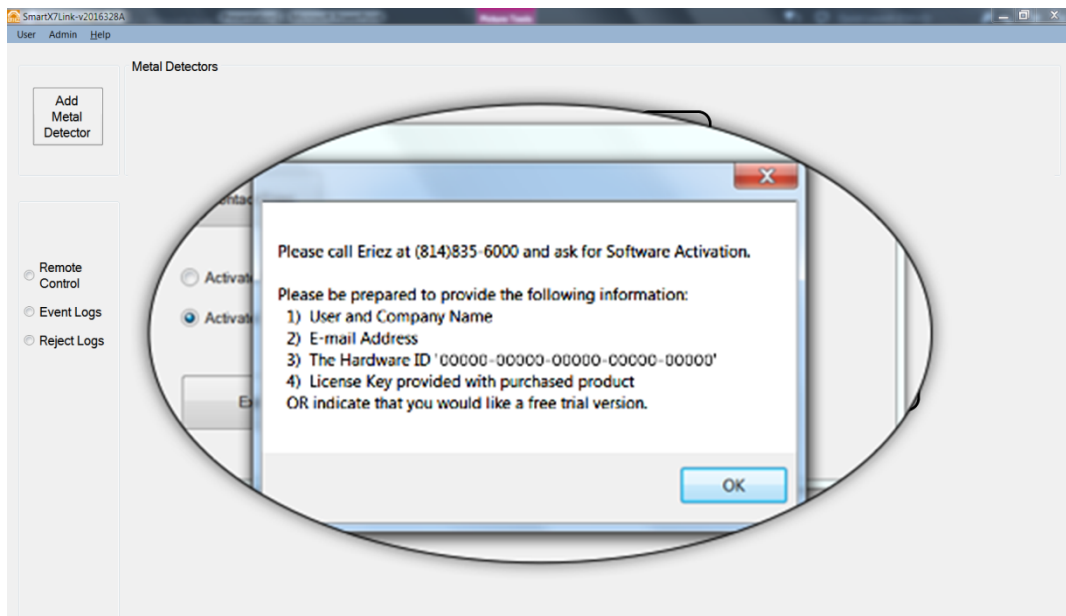
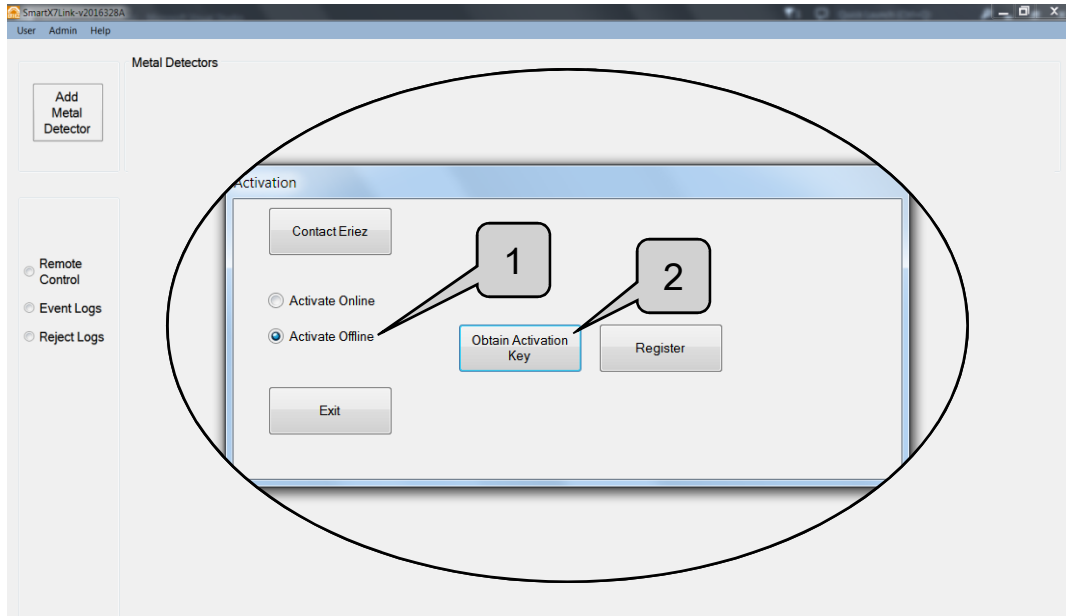
1. Open the license key file from the Eriez provided USB drive. The file is located in the SmartX7Link folder. The title of file will begin with “license_key_”. Copy and paste this number into the “License Key” field shown in the previous step.
2. The user will be alerted when the activation is complete.
3. Left click the “OK” button to close the Activation window.



SOFTWARE ACTIVATION

Trial Registration - Offline

(1 of 2)



1. Select “Activate Offline”.
2. Left click on the “Obtain Activation Key” button.
3. Follow the instructions provided in the pop-up window to contact Eriez in order to obtain an activation code. For a Trial Activation, you will NOT need to provide a License Key.
4. Left click “OK” to close the activation key instructions.

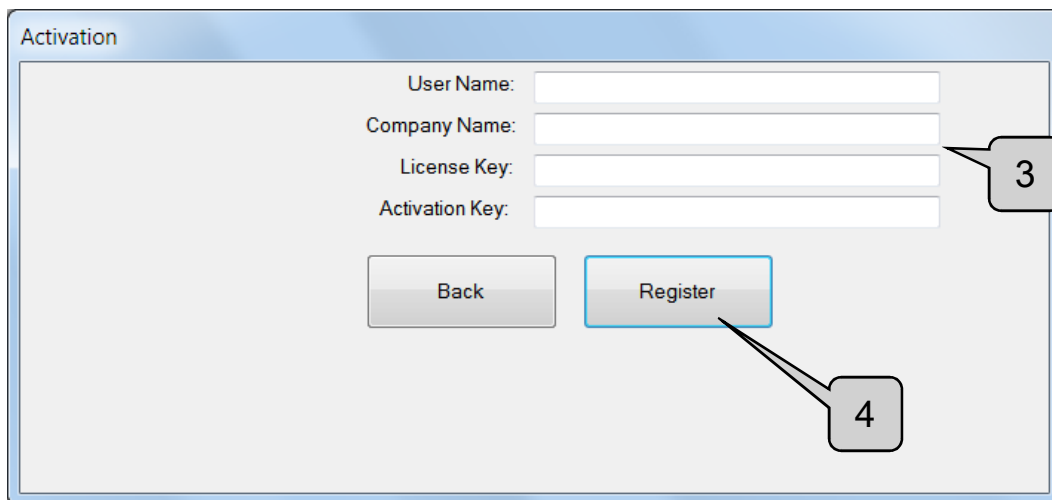
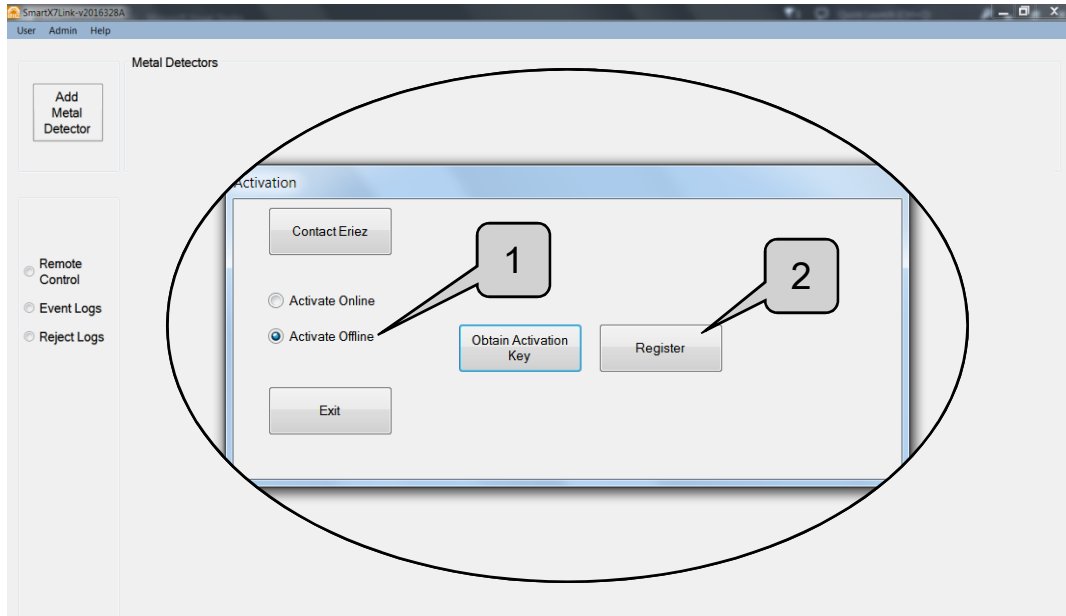




SOFTWARE ACTIVATION

Trial Registration - Offline

(2 of 2)



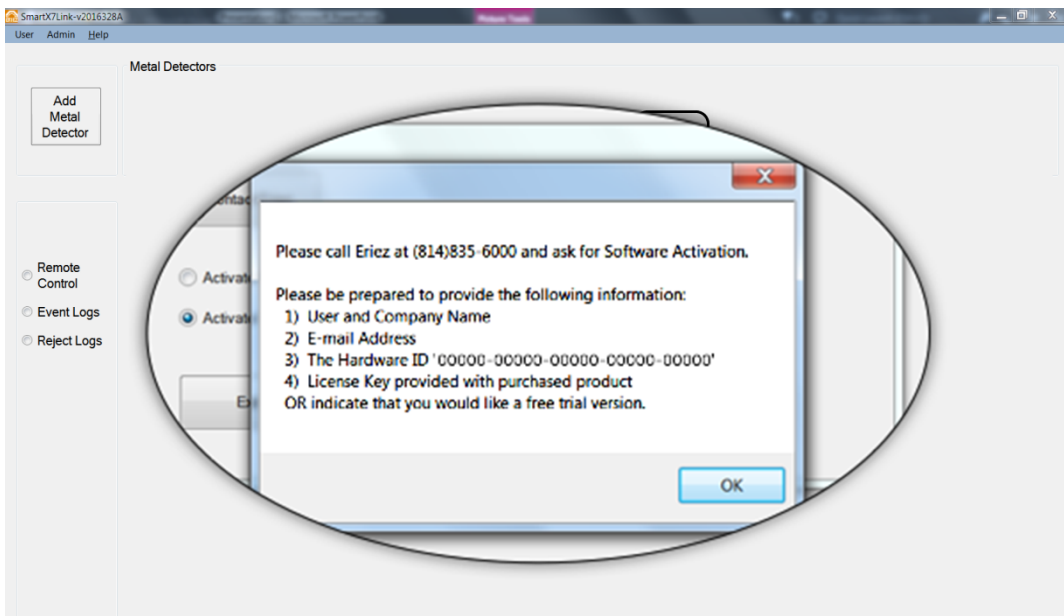
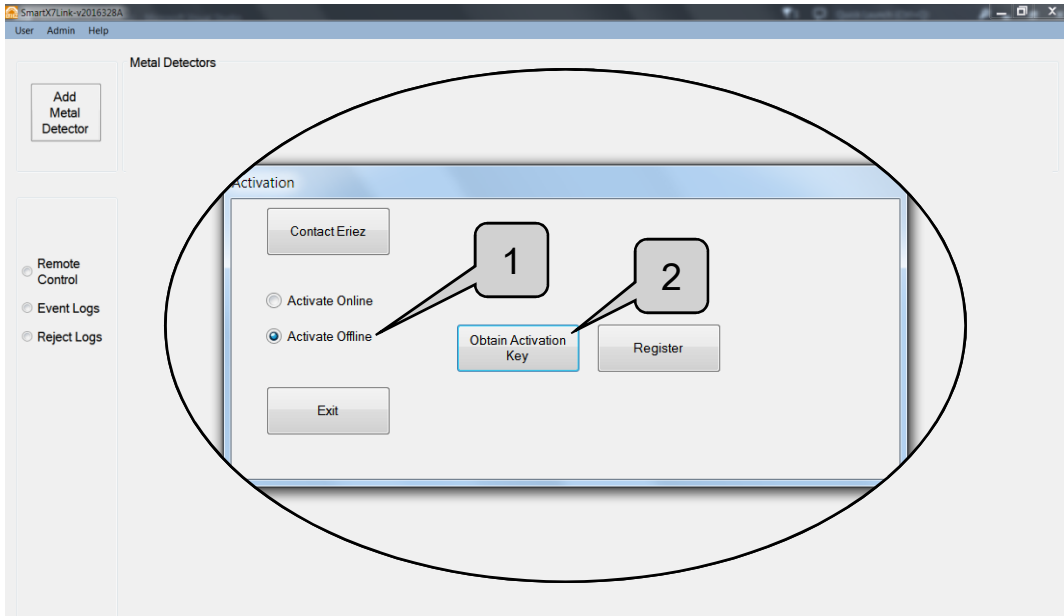
1. After following the steps on the previous page, you will have the necessary information to complete the registration. Make sure the “Activate Offline” option is still selected.
2. Left click the “Register” button.
3. Enter the “User Name”, “Company Name”, “License Key”, and “Activation Key” information obtained in the previous steps.
4. Left click “Register” to complete the Trial Registration.



SOFTWARE ACTIVATION

Full Registration - Offline

(1 of 3)



1. Select “Activate Offline”.
2. Left click on the “Obtain Activation Key” button.
3. Follow the instructions provided in the pop-up window to contact Eriez in order to obtain an activation code (see the next page for instructions on obtaining the license key)
4. Left click “OK” to close the activation key instructions.

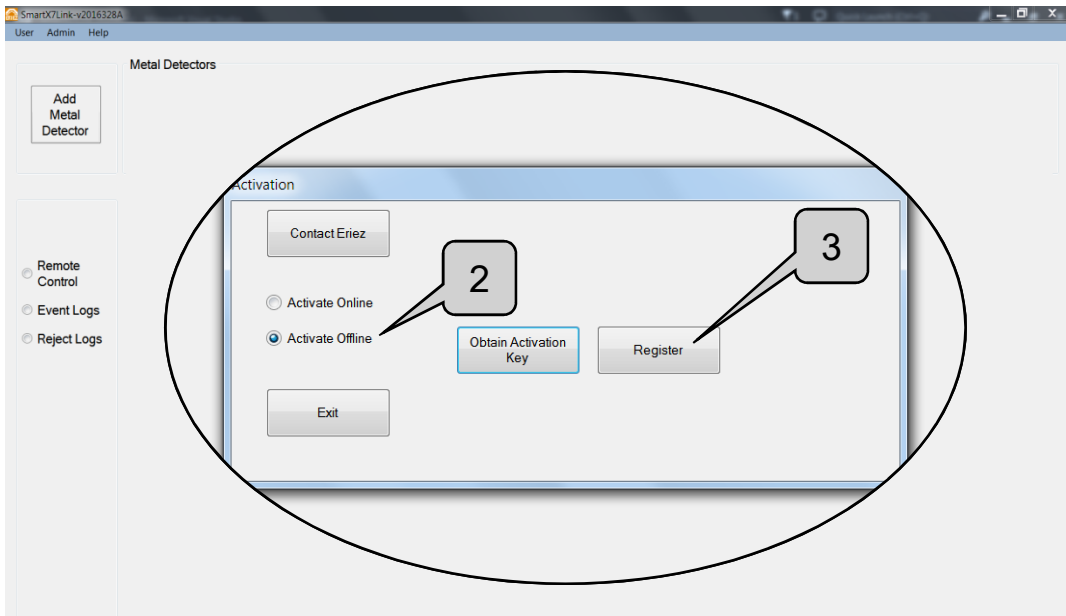
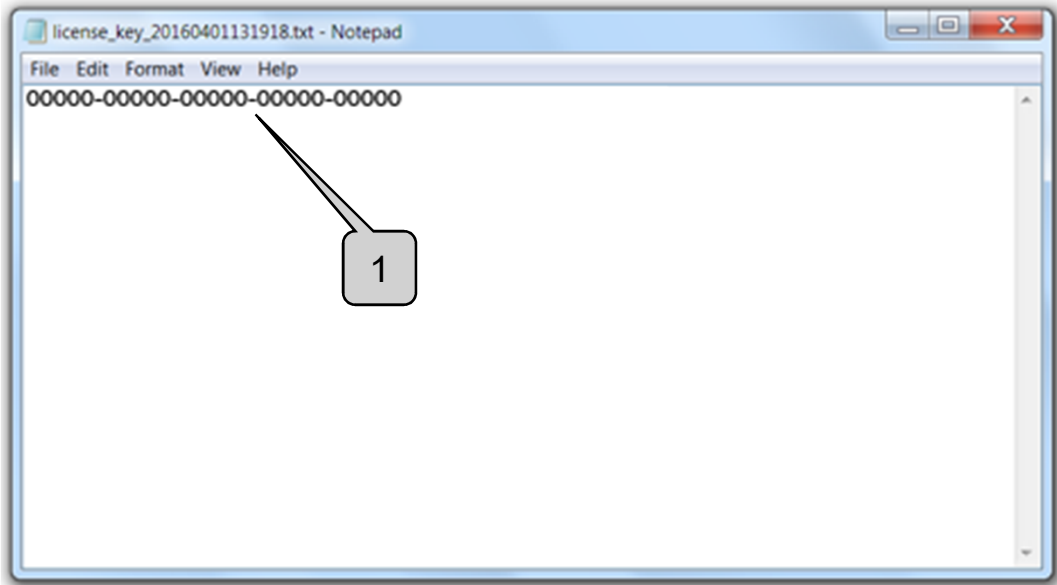




SOFTWARE ACTIVATION

Full Registration - Offline

(2 of 3)



1. Open the license key file from the Eriez provided USB drive. The file is located in the SmartX7Link folder. The title of file will begin with “license_key_”. You will need the license number inside the file when you call Eriez to activate your product.
2. After following the previous steps, you will have the necessary information to complete the registration. Make sure the “Activate Offline” option is still selected.
3. Left click the “Register” button.





SOFTWARE ACTIVATION

Full Registration - Offline
(3 of 3)



Activation

User Name:

Company Name:

License Key:

Activation Key:

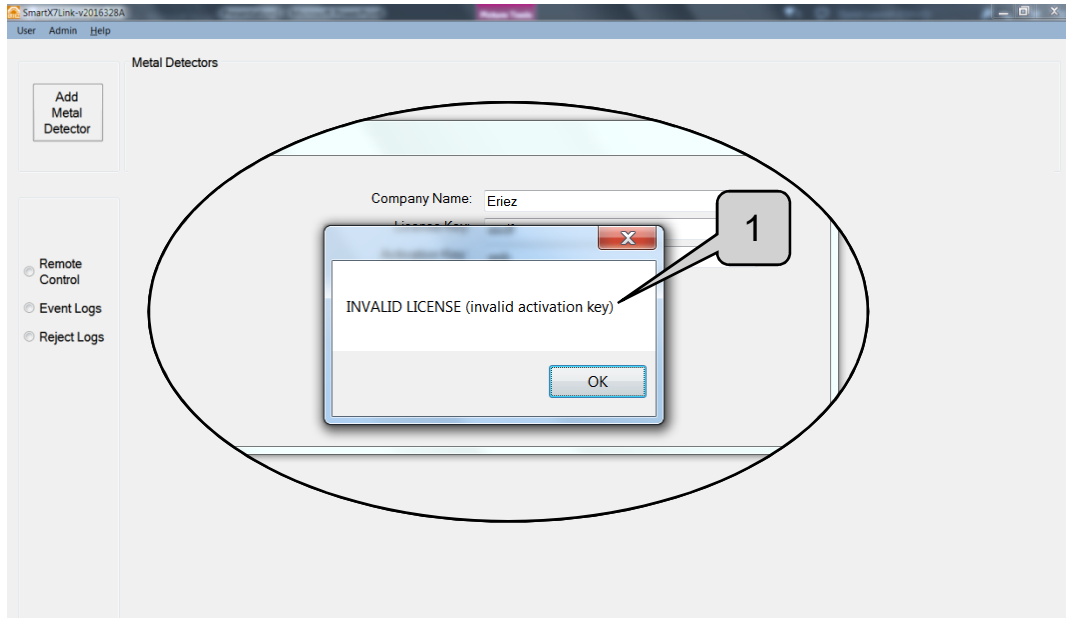
Back Register

1. Enter the “User Name”, “Company Name”, “License Key”, and “Activation Key” information obtained in the previous steps.
2. Left click “Register” to complete the Full Registration.



SOFTWARE ACTIVATION

Invalid Registration Key

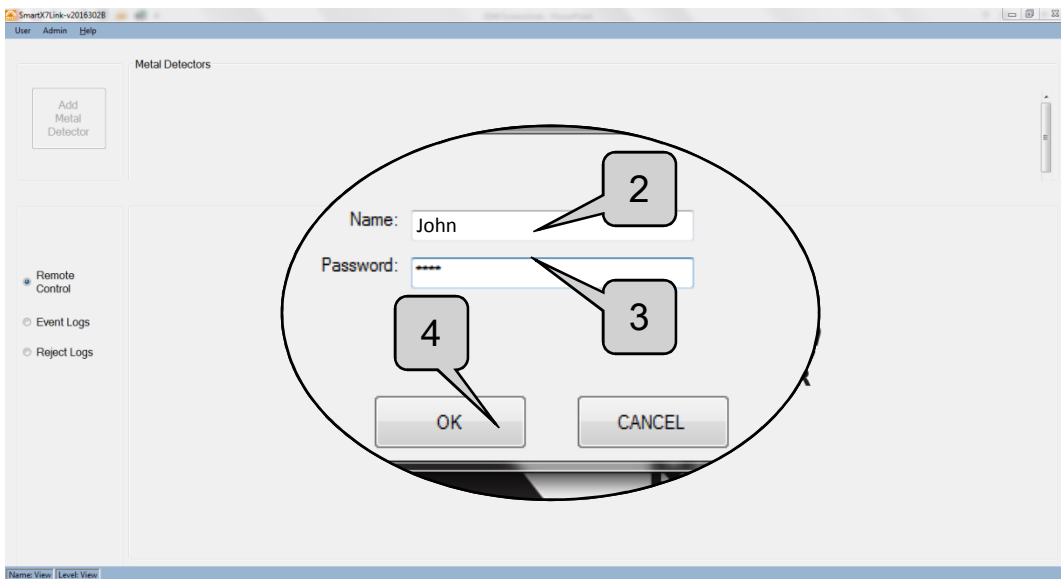
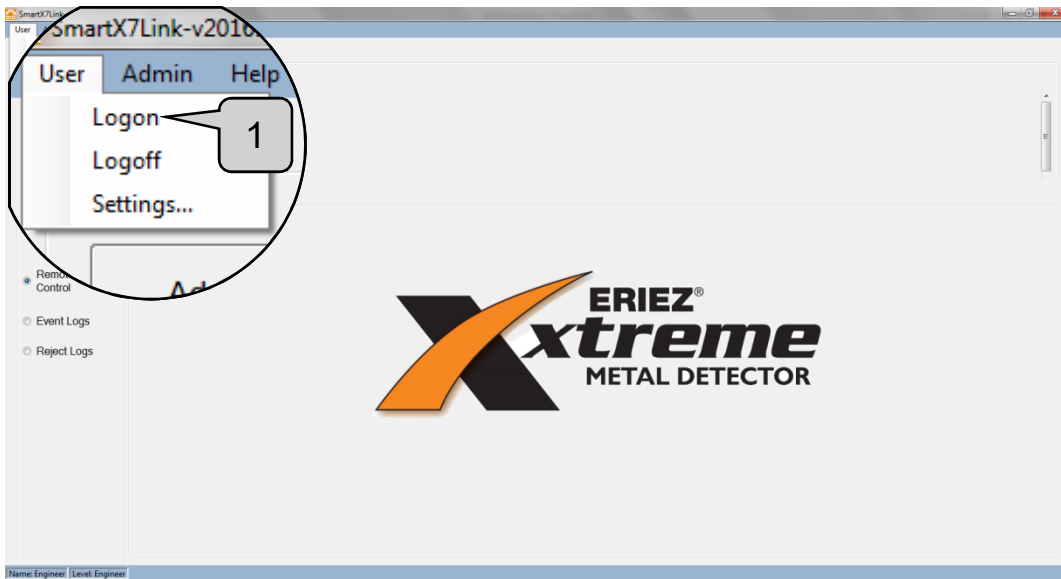


1. The user will be alerted if an invalid registration key is entered. Please double-check the registration information and try the registration again. If registration is still unsuccessful, contact Eriez to resolve the issue.



LOGON TO THE SYSTEM

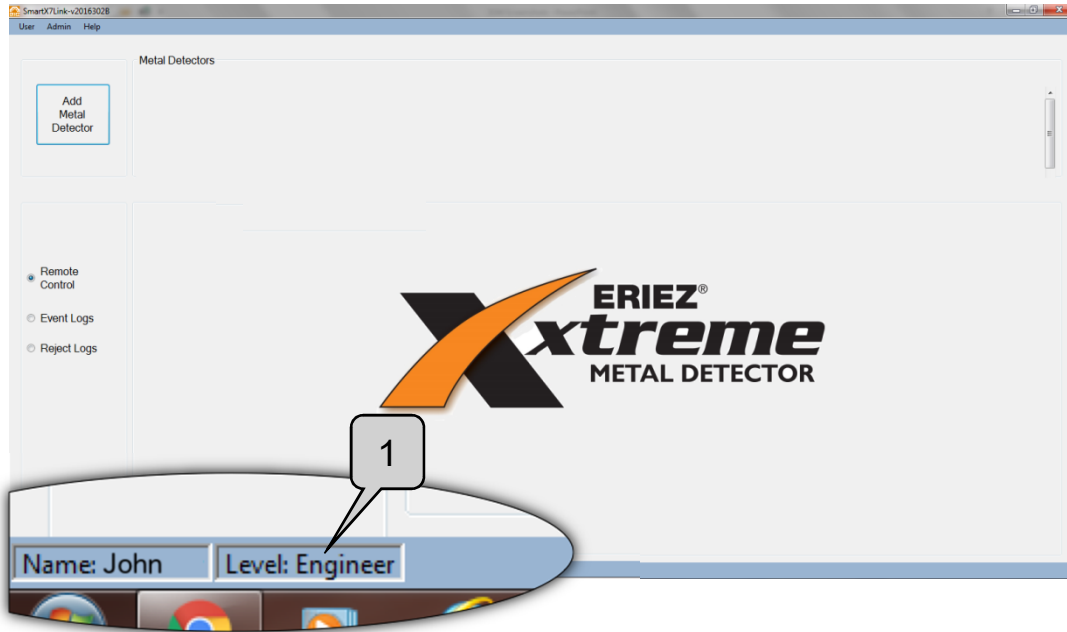
(1 OF 2)



1. To logon, select the “User” menu button and then select the Logon option. This will open the Logon window.
2. Enter the desired logon Name.
3. Enter the Password associated with the Name entered in the previous step.
4. Left click OK to logon or CANCEL to abort the logon.



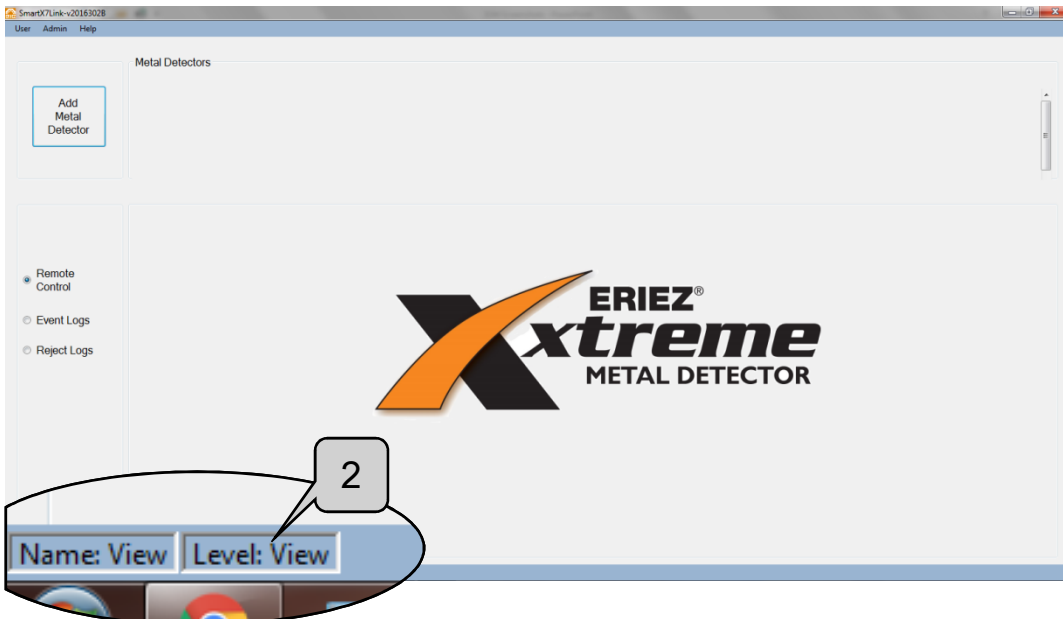
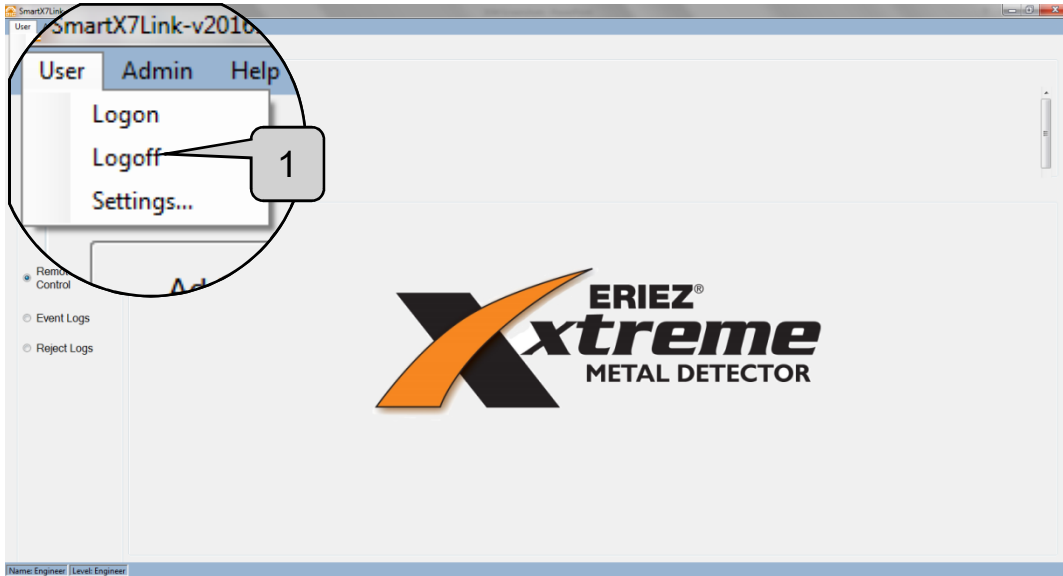
LOGON TO THE SYSTEM (2 OF 2)



1. The new user logon can be verified by looking at the Name and Level presented in the status bar.



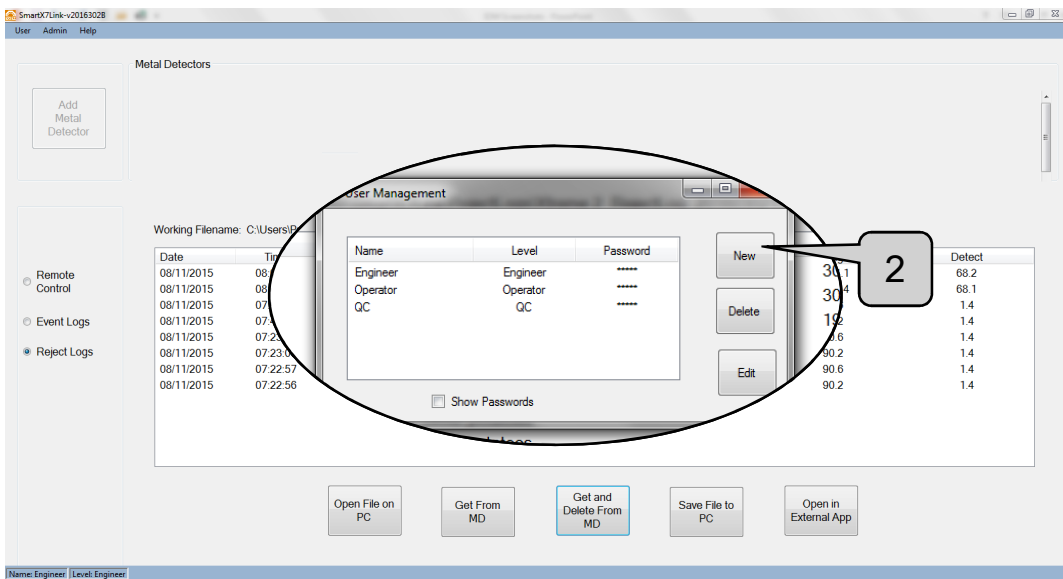
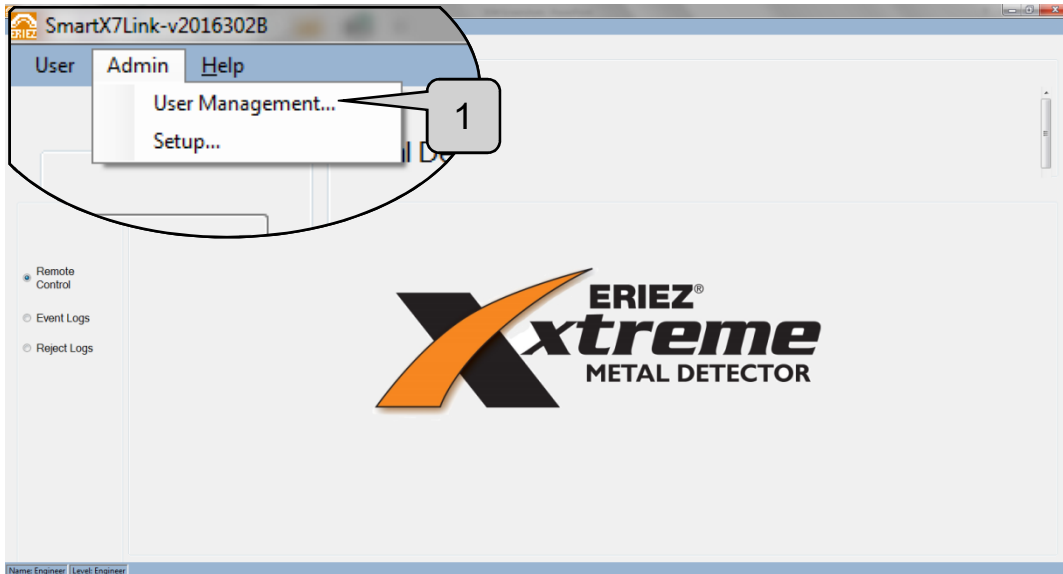
LOGOFF THE SYSTEM



1. To logoff the system, select the User menu and then select the Logoff option.
2. Verify that the logoff was successful by referring to the status bar and ensuring that the Name and Level are both set to "View".



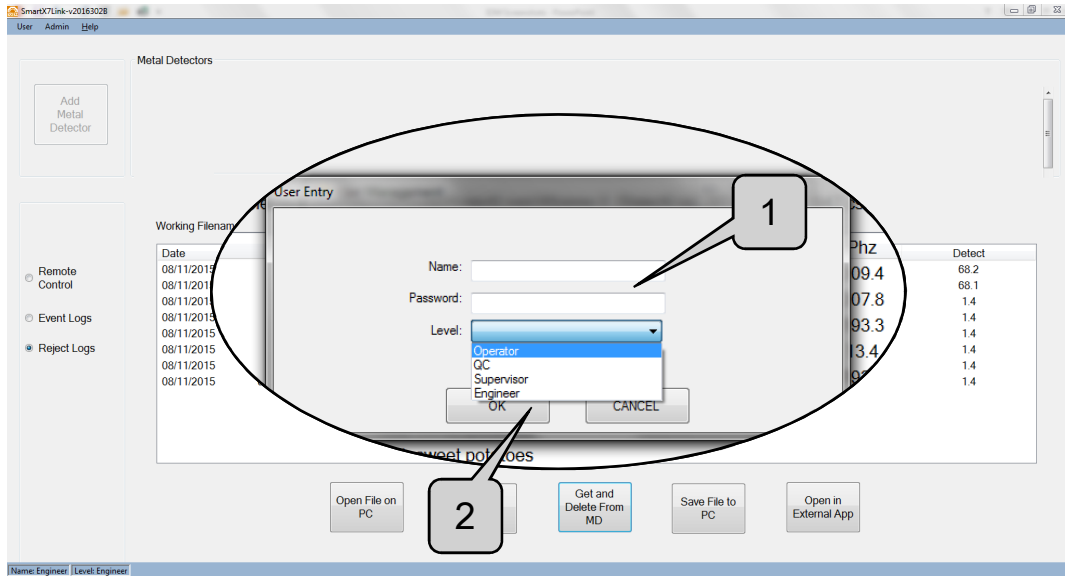
ADD NEW USER (1 of 2)



1. Left click the Admin option from the top menu bar and then select “User Management”.
2. A new window will open showing the current users. Left click the “New” button to open the New User dialog.



ADD NEW USER (2 of 2)

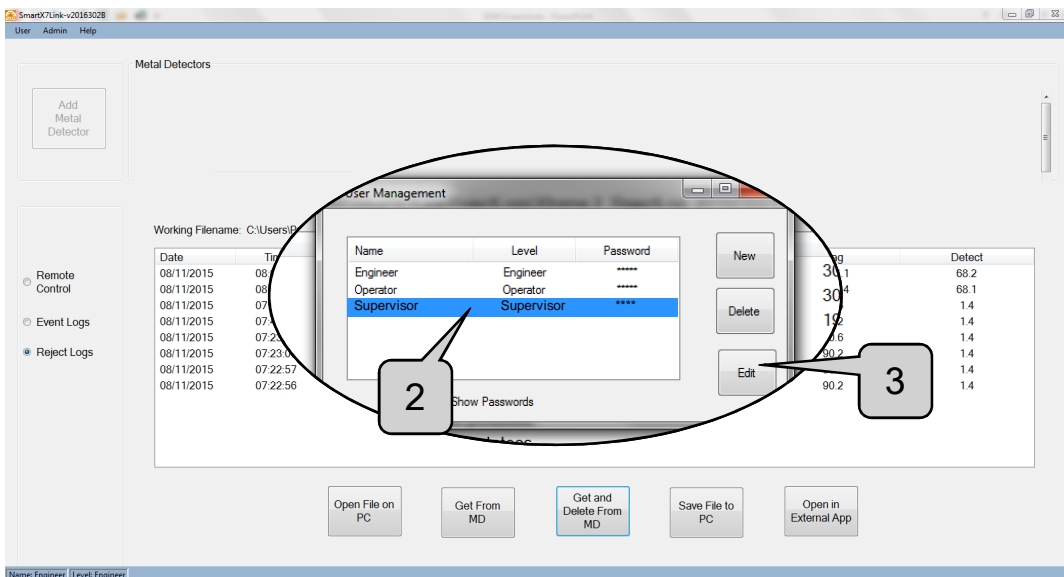
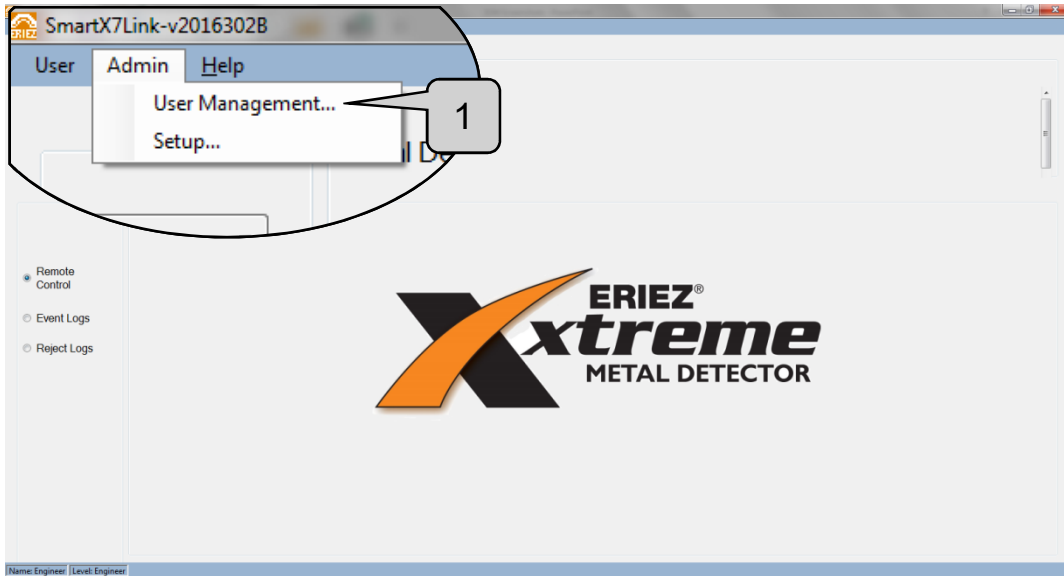


1. Enter the information for the new user - including Name, Password and Level.
2. Left click the OK button to accept the settings and create the new user. Left click the CANCEL button to abort the creation of the new user and return to the main screen.

* All users above the Operator level can create another user at or below their access level.



EDIT USER (1 of 2)



1. Left click the Admin option from the top menu bar and then select “User Management”.
2. A new window will open showing the current users. Select the user that you would like to edit.
3. Left click the “Edit” button to open the Edit User dialog.



EDIT USER (2 of 2)

Q

User Entry

Name: Supervisor

Password: 3333

Level: Supervisor

OK CANCEL

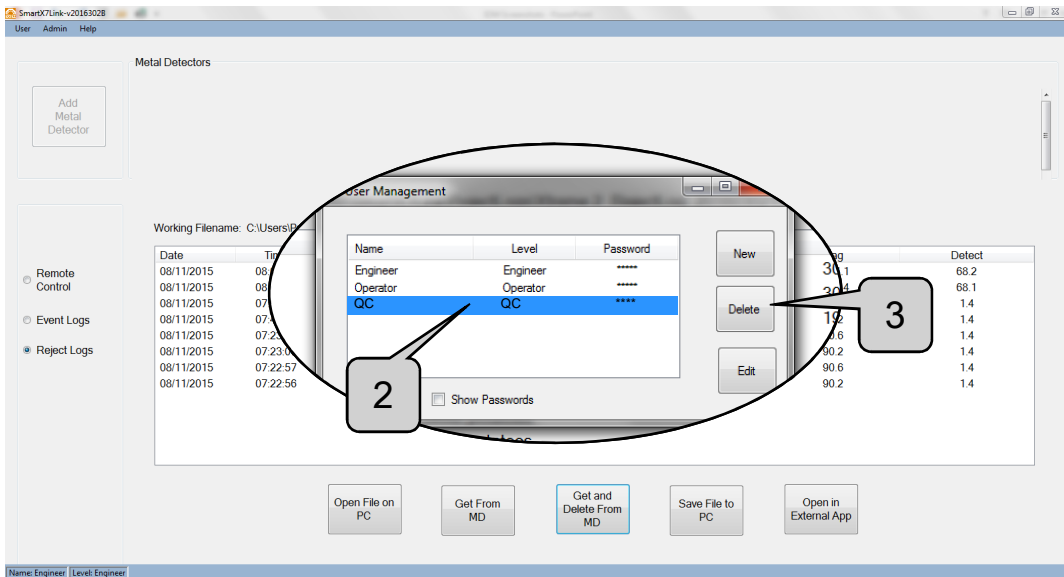
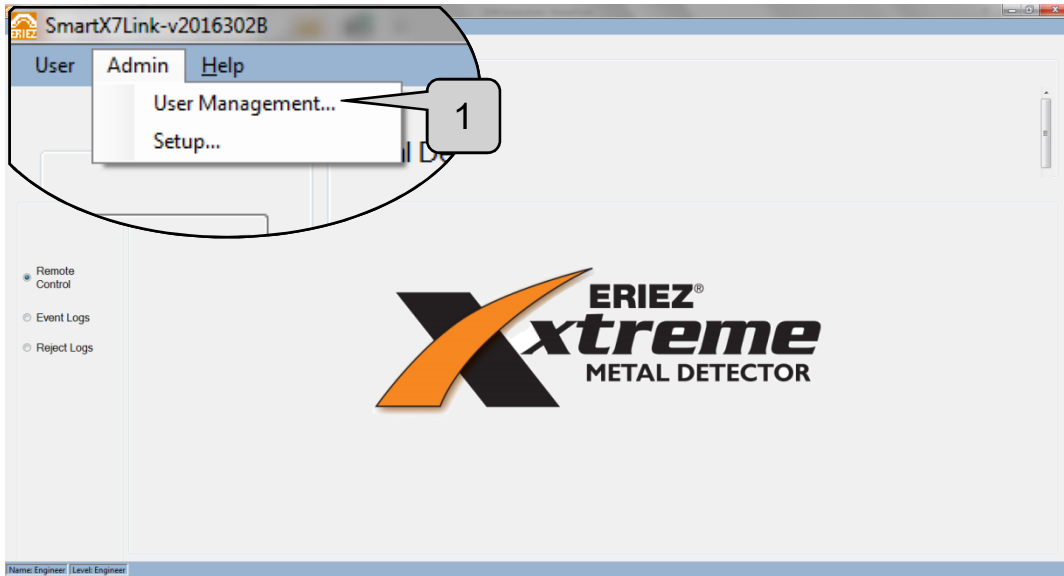
1. Edit the appropriate user information. Note that the user's name cannot be edited.
2. Left click the OK button to accept the edited settings. Left click the CANCEL button to abort the user editing process and return to the main screen.

* All users above the Operator level can edit any user below their access level.



DELETE USER

Q

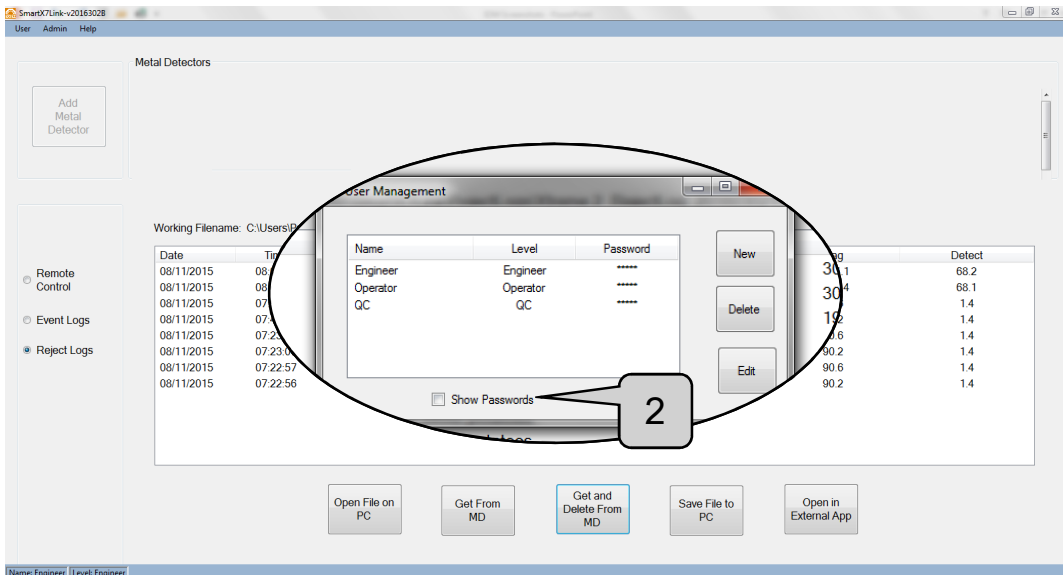
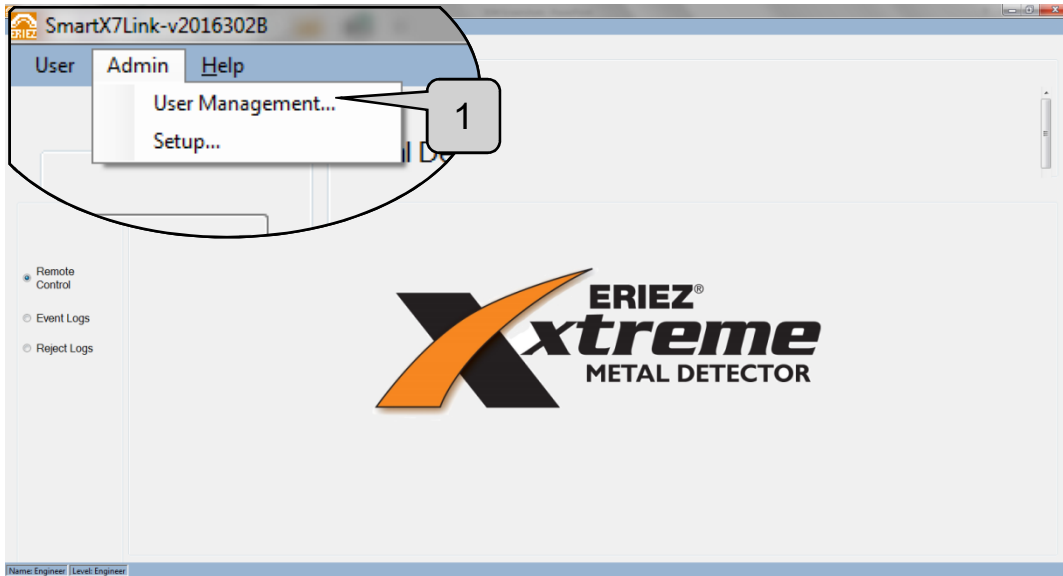


1. Left click the Admin option from the top menu bar and then select “User Management”.
2. A new window will open showing the current users. Select the user that you would like to delete.
3. Left click the “Delete” button to delete the selected user.

* All users above the Operator level can delete any user at or below their level.



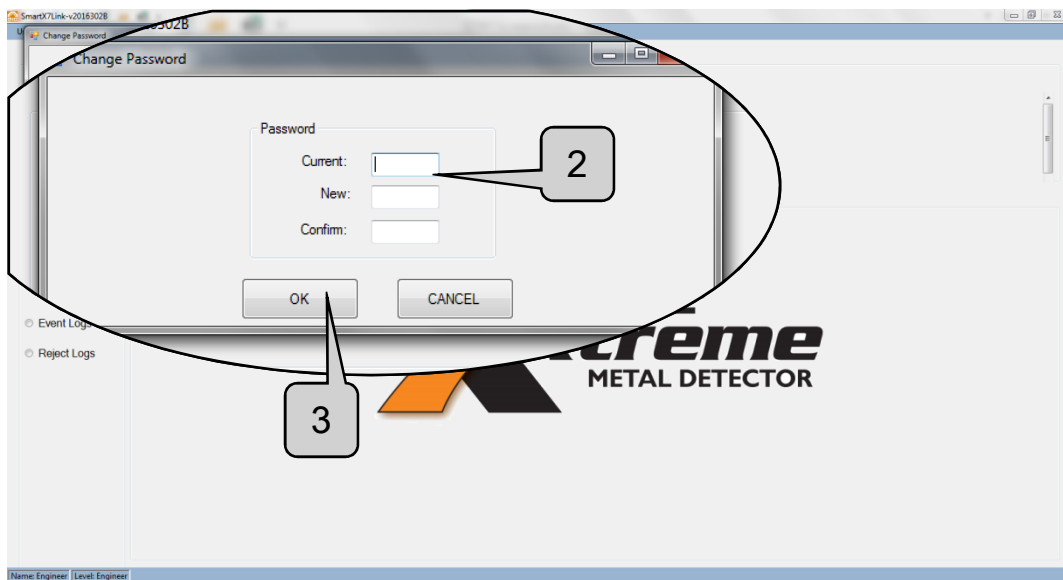
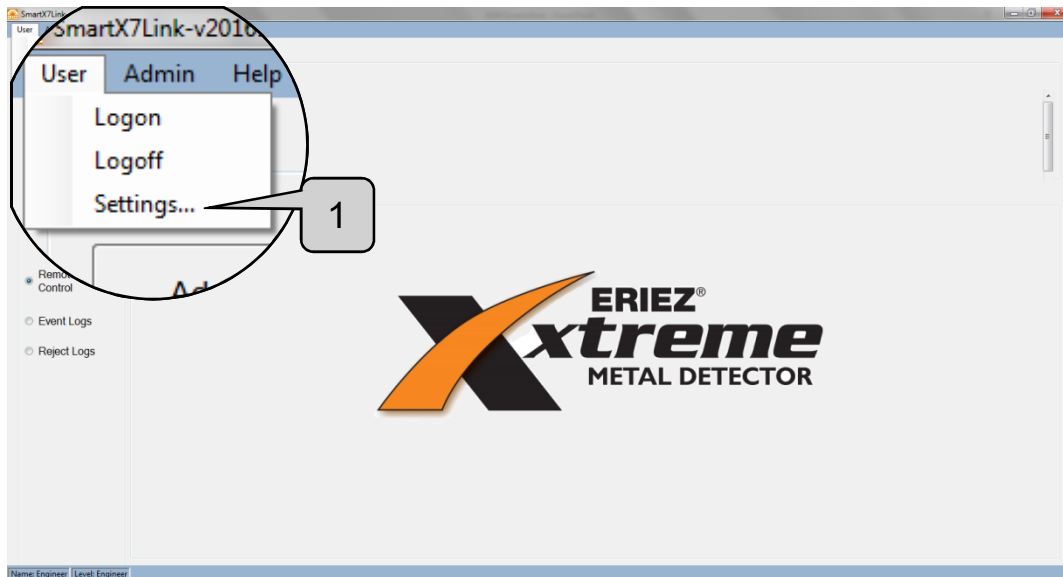
SHOW PASSWORD



1. Left click the Admin option from the top menu bar and then select “User Management”.
2. Left click the “Show Passwords” checkbox to show all users’ passwords that are below the current user’s access level, including the current user’s password.



CHANGE PASSWORD

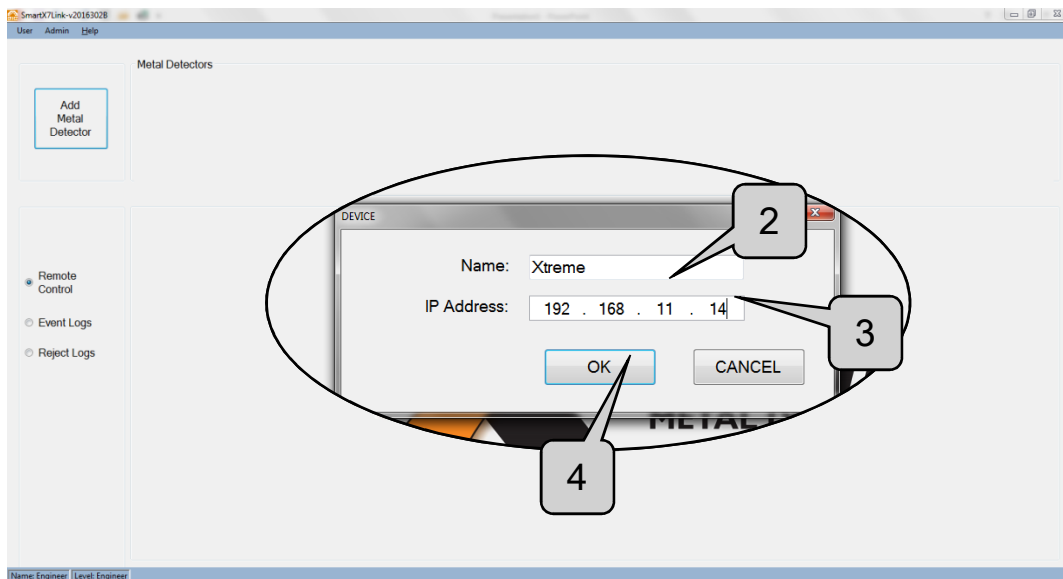
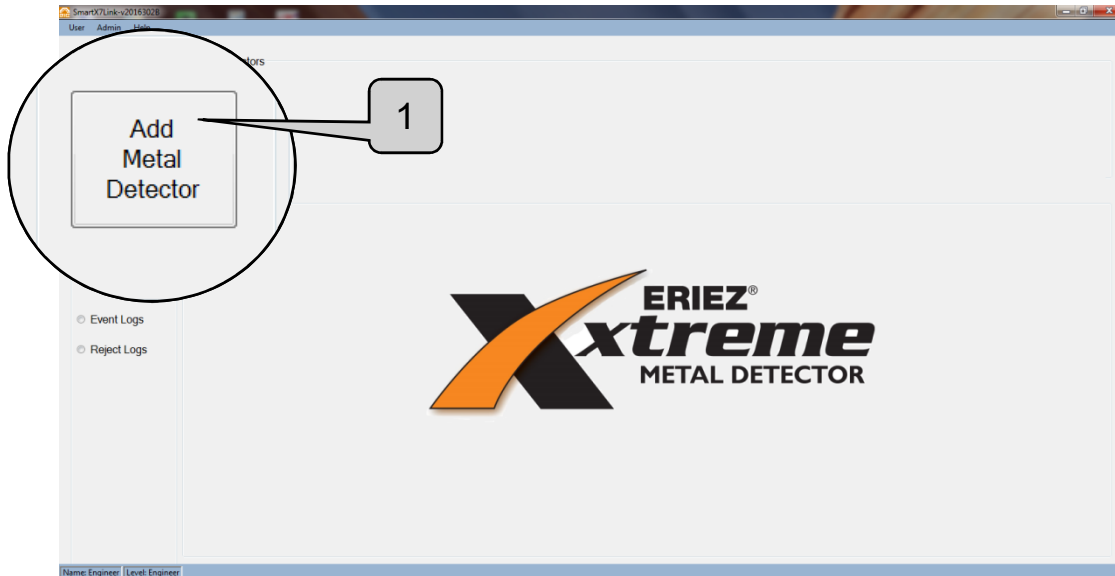


1. Left click the User option from the top menu bar and then select “Settings”.
2. To change the current user’s password enter the current password and the desired new password. Finally, enter the new password again to confirm it.
3. Left click the “OK” button to update the password. Left click the “CANCEL” button to exit the Change Password dialog and revert back to the current password.



ADD A NEW METAL DETECTOR

(1 of 2)



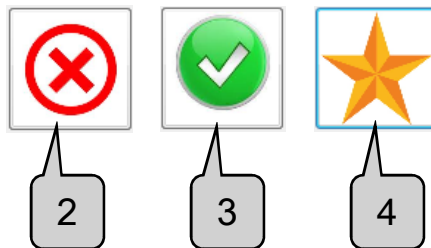
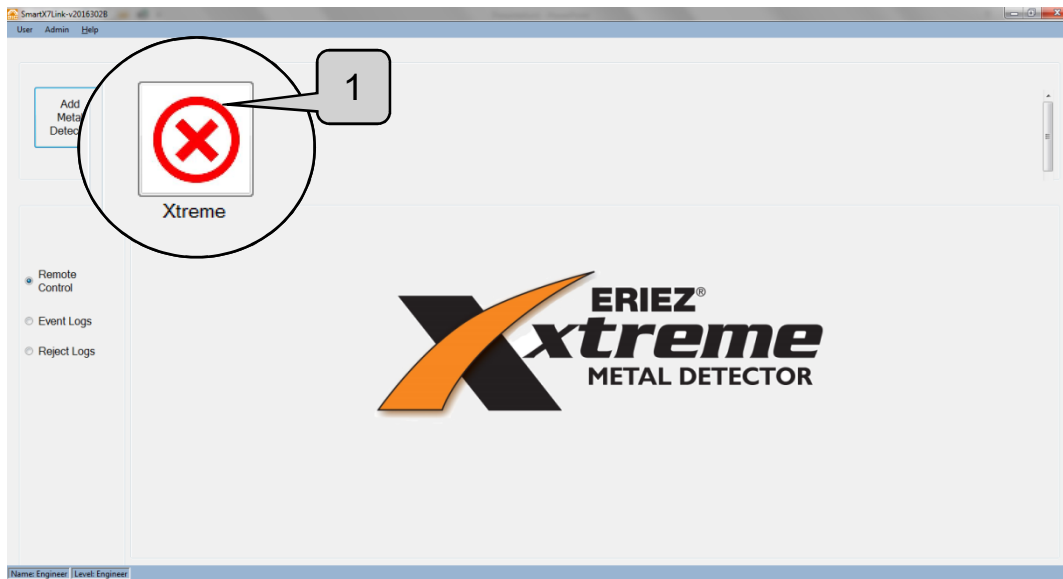
1. Left click on the “Add Metal Detector” button to open the Device window.
2. Enter a name for the metal detector. This name is used to identify the metal detector in the list of detectors.
3. Enter the IP Address of the metal detector that you are trying to connect to. (See the “Network Configuration” section of the Xtreme Reference Guide to set the IP address on the metal detector)
4. Left click OK to accept the settings or CANCEL to abort the new metal detector setup.

* A user cannot add a metal detector if ANY metal detector is currently connected (indicated by a gold star). To allow the addition of a metal detector, disconnect from the connected metal detector by left clicking on the gold star icon.





ADD A NEW METAL DETECTOR (2 of 2)

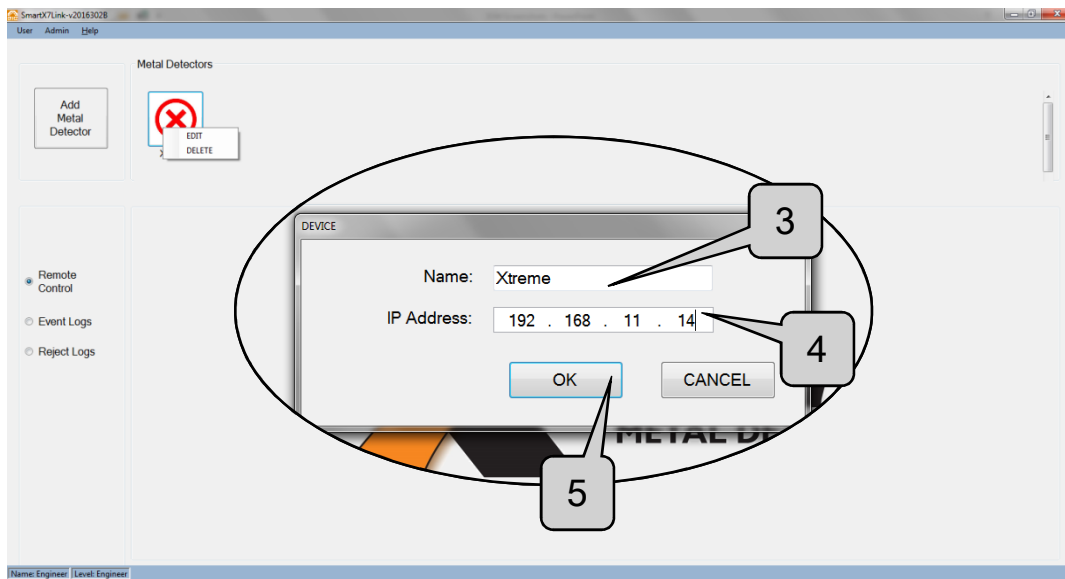
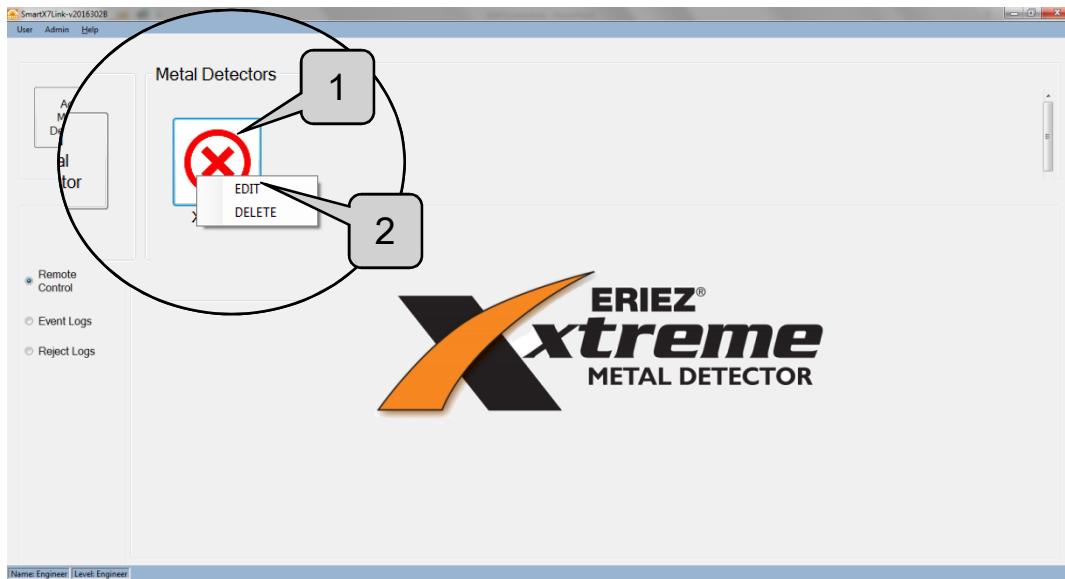


1. If you accept the new metal detector settings in the previous step, you will see the new metal detector indicator on the main screen.
2. The red X icon indicates that the Xtreme SmartX7Link is unable to communicate with the metal detector.
3. The green check mark indicates that the Xtreme SmartX7Link is able to communicate with the metal detector, but is not connected to it.
4. The gold star indicates that the Xtreme SmartX7Link is able to communicate to the metal detector and is currently connected to it.



EDITING AN EXISTING METAL DETECTOR

E

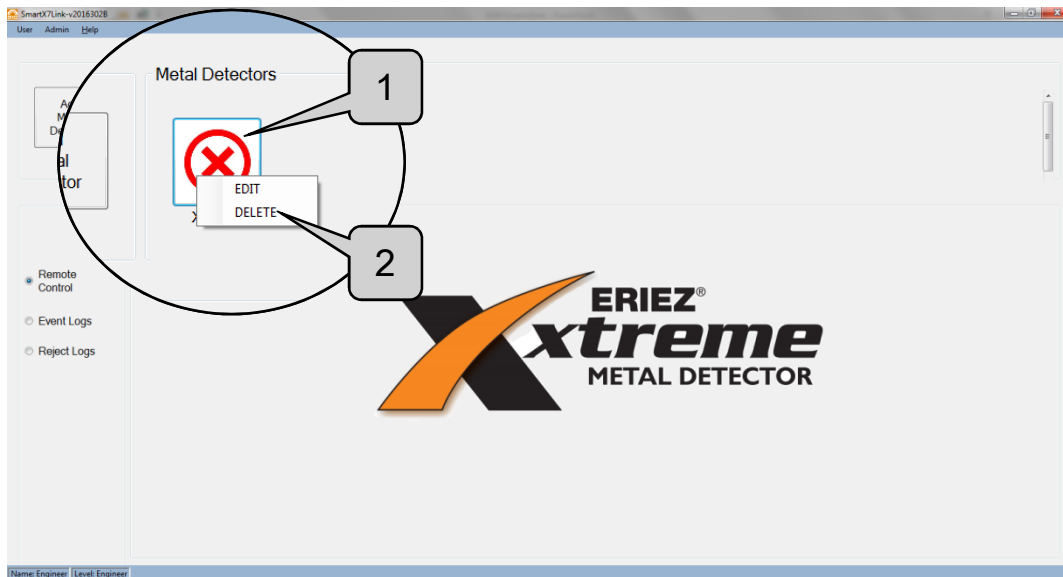


1. Right click on the icon of the detector that you want to edit. This right click will open a dialog that allows you to EDIT or DELETE the detector.
2. Left click on EDIT to modify the detector's settings.
3. Edit the name for the existing metal detector.
4. Edit the IP Address of the existing metal detector.
5. Left click OK to accept the settings or CANCEL to revert to the current settings.

* A user cannot edit a metal detector if ANY metal detector is currently connected (indicated by a gold star). To allow editing, disconnect from the connected metal detector by left clicking on the gold star icon.



DELETE METAL DETECTOR

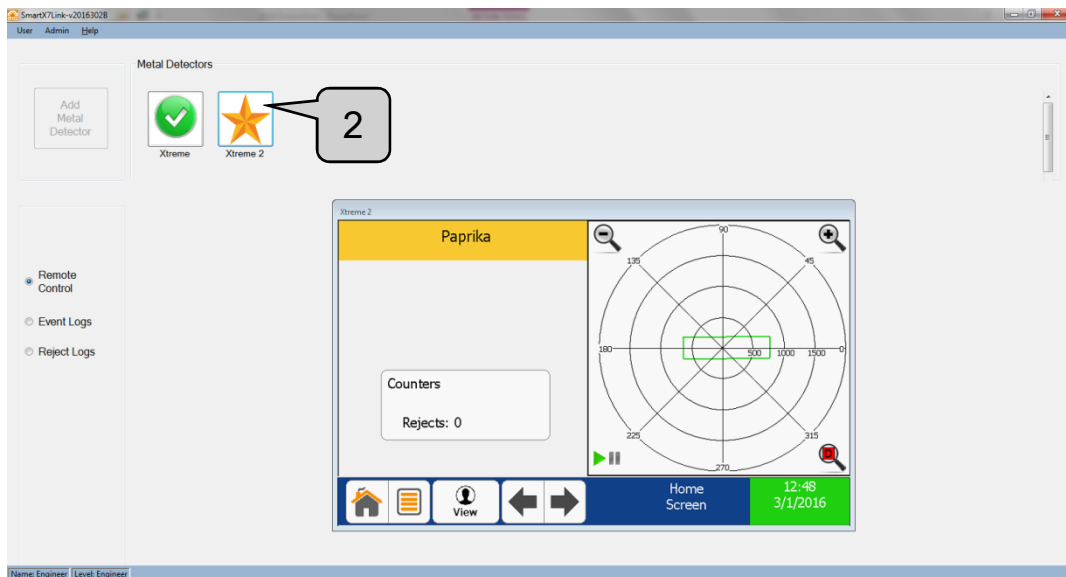
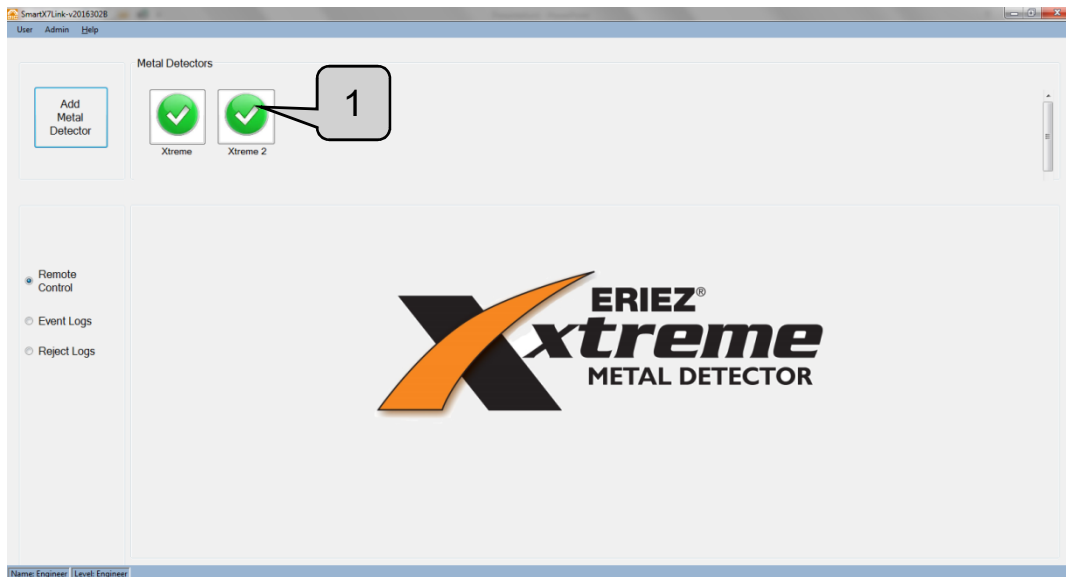


1. Right click on the icon of the detector that you want to delete. This right click will open a dialog that allows you to EDIT or DELETE the detector.
2. Left click on DELETE to remove the desired metal detector.

* A user cannot delete a metal detector if ANY metal detector is currently connected (indicated by a gold star). To allow deletion, disconnect from the connected metal detector by left clicking on the gold star icon.



CONNECT TO A METAL DETECTOR



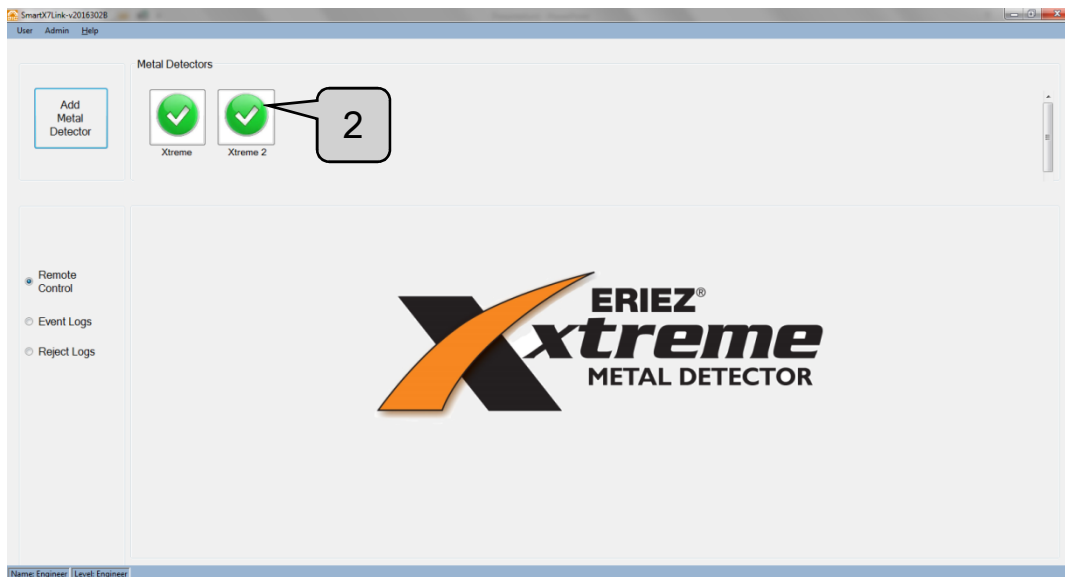
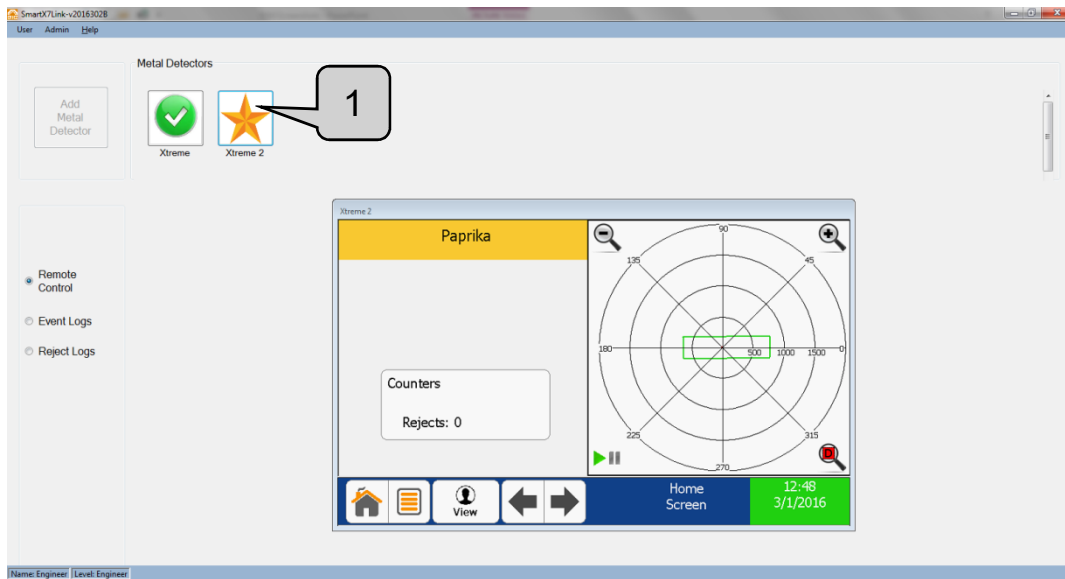
1. Left click on the metal detector that you wish to connect to. The available detectors are those with a green check mark indicator.
2. If the connection is successful, the metal detector indicator will change from a green checkmark to a gold star.

NOTE: If no user is logged into the Xtreme SmartX7Link software (i.e., the system is at the “View” level), a user can remotely access the Metal Detector, but will not be able to interact or control the Metal Detector remotely.



DISCONNECT FROM A METAL DETECTOR

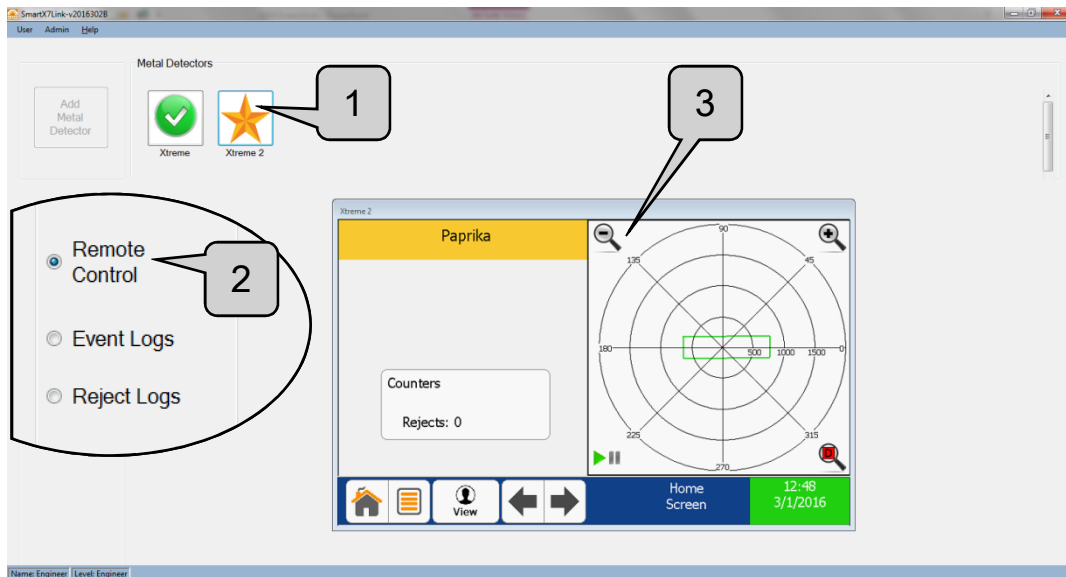
V



1. If a metal detector is currently connected, the gold star icon will be displayed. Left clicking on the gold star will disconnect from the metal detector.
2. The icon will change from the gold star to the green check mark icon indicating that the metal detector can communicate with the Xtreme SmartX7Link, but is currently disconnected.



REMOTELY CONTROL METAL DETECTOR

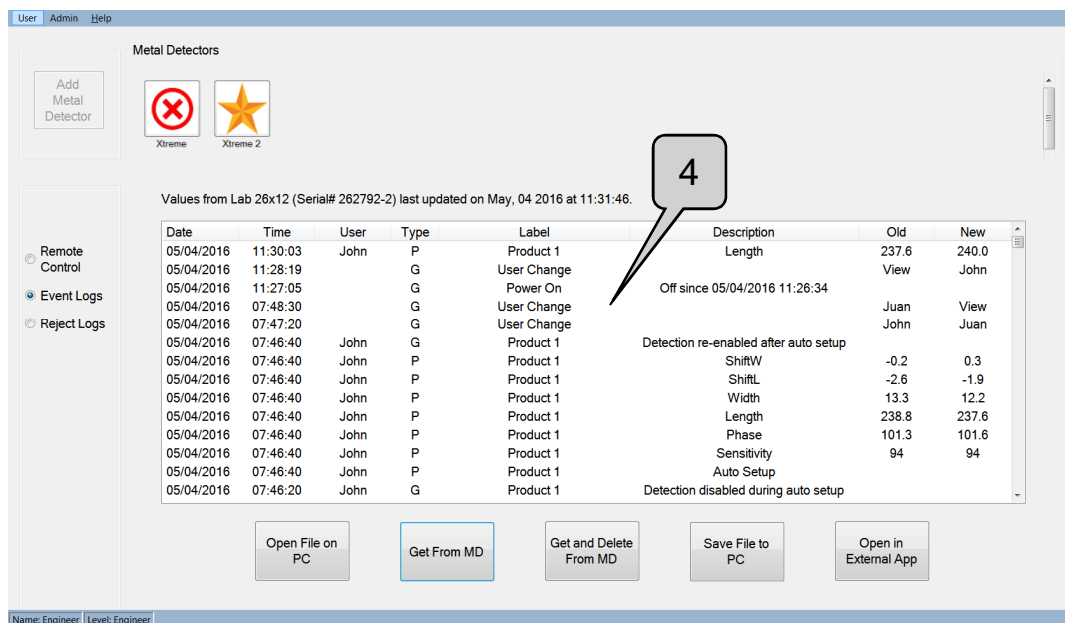
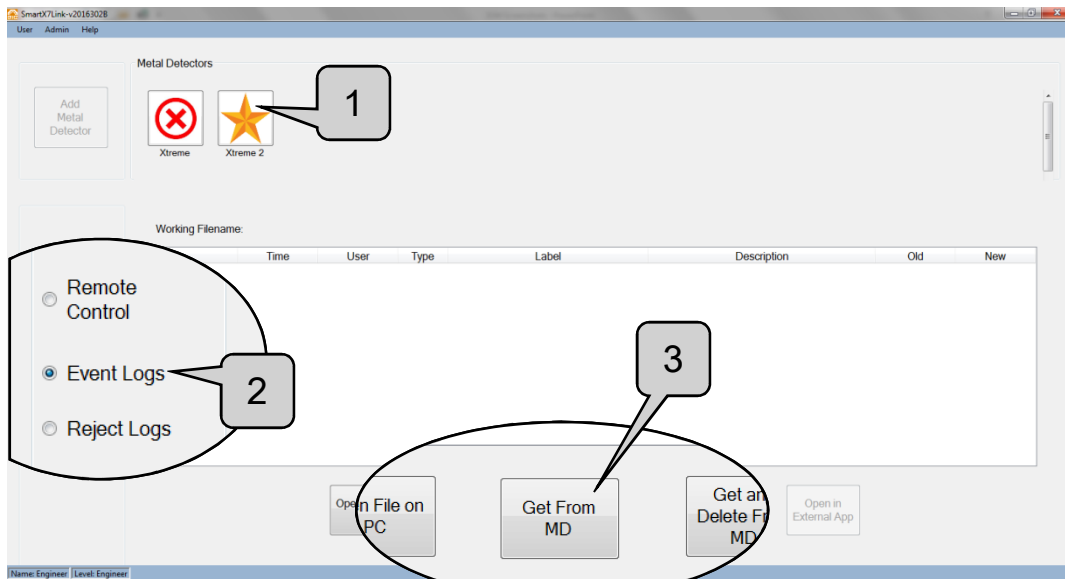


1. If a metal detector is not connected, first see the section of this document titled [“CONNECT TO A METAL DETECTOR”](#).
2. Select the “Remote Control” radio button.
3. The metal detector remote control interface will be displayed. This interface works exactly as if using the metal detector interface directly on the machine itself. See the Xtreme Reference Guide for assistance in using the Xtreme Metal Detector interface.

***NOTE:** If the system is at the view level, the metal detector can only be viewed, not controlled.



DOWNLOADING LOGS FROM METAL DETECTOR

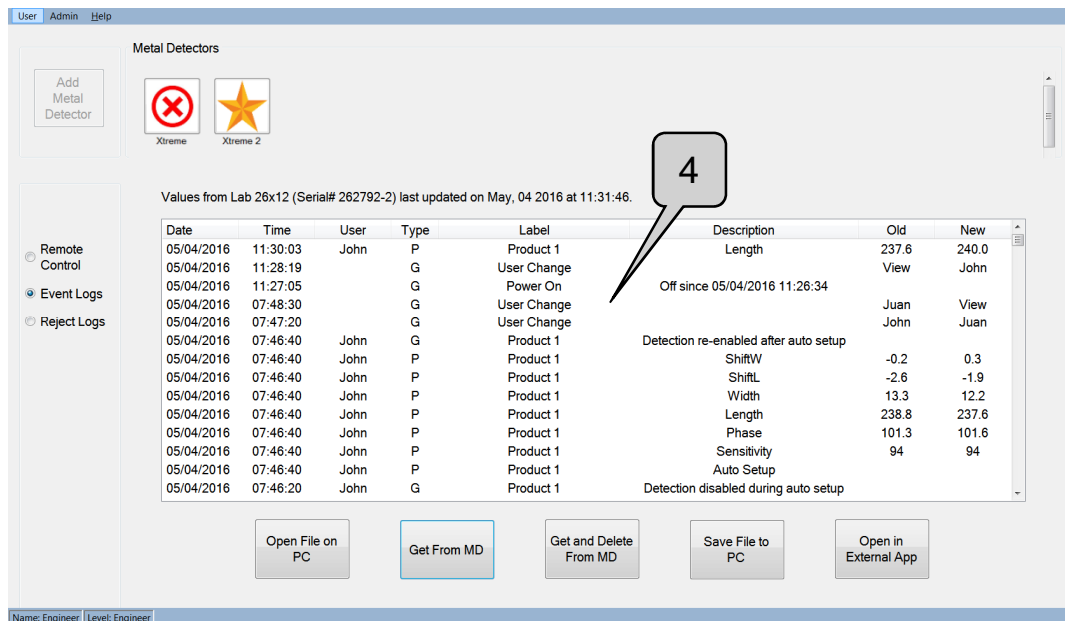
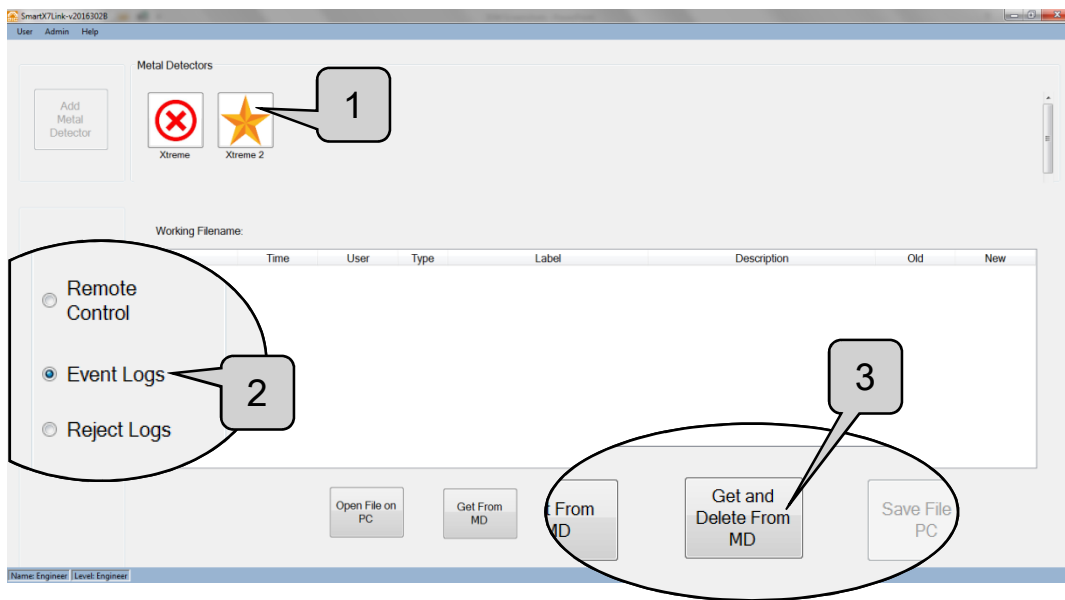


1. If a metal detector is not connected, first see the section of this document titled [“CONNECT TO A METAL DETECTOR”](#).
2. Select the “Event Logs” or “Reject Logs” radio button.
3. To download the corresponding log from the metal detector, left click the “Get From MD” button.
4. The log will be downloaded and displayed in the log panel.

NOTE: This method does NOT affect the log that is on the metal detector. It merely downloads a copy and displays it on the screen.



DOWNLOADING LOGS FROM METAL DETECTOR AND DELETING THE LOG FROM THE DETECTOR



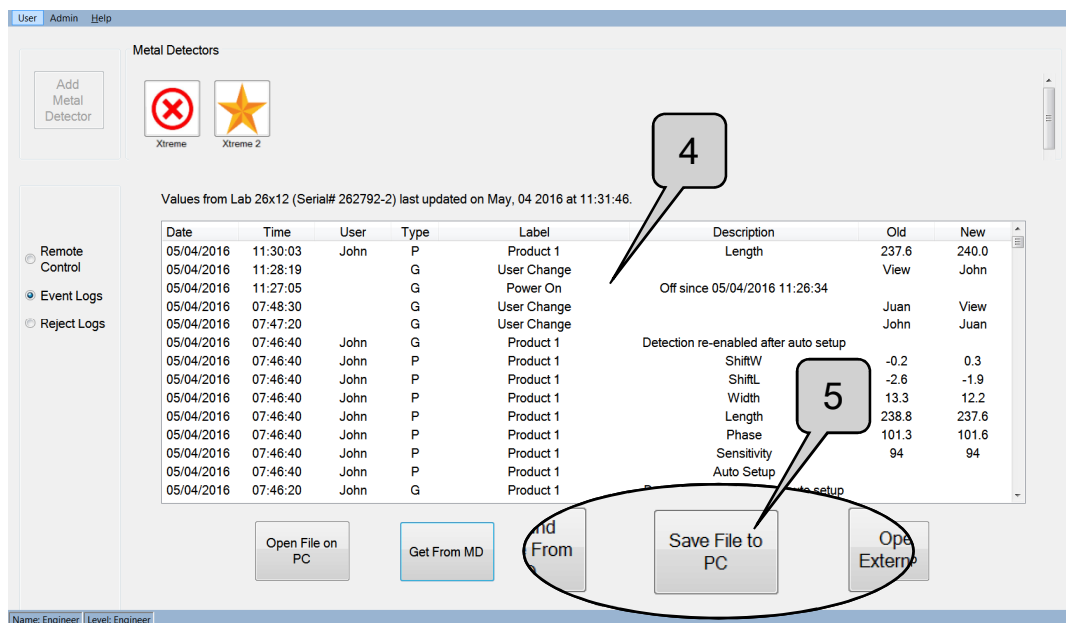
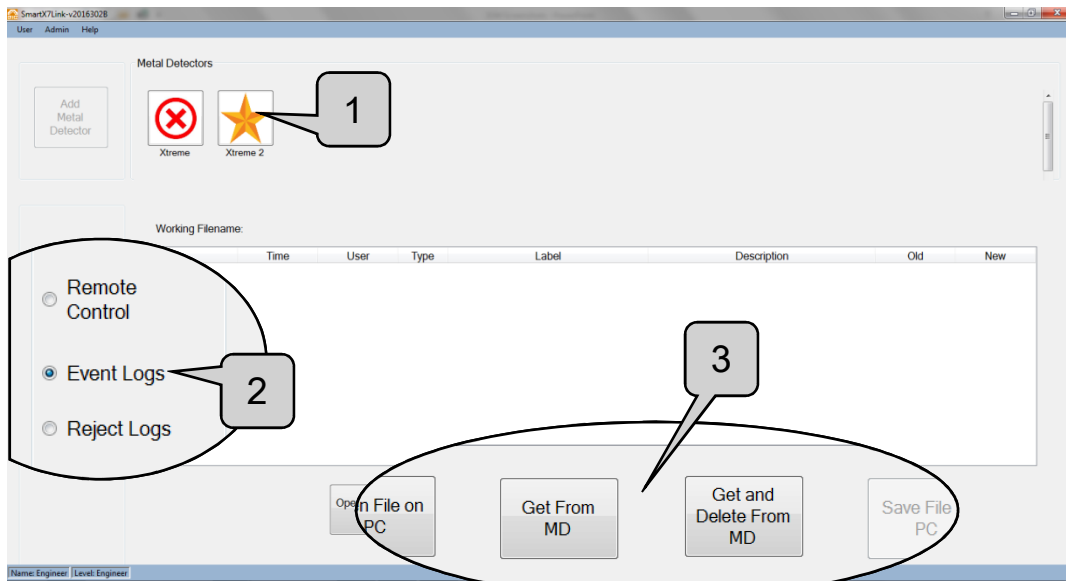
1. If a metal detector is not connected, first see the section of this document titled [“CONNECT TO A METAL DETECTOR”](#).
2. Select the “Event Logs” or “Reject Logs” radio button.
3. To download the corresponding log from the metal detector, left click the “Get and Delete From MD” button.
4. The log will be downloaded from the metal detector, deleted from the metal detector, and displayed in the log panel.

NOTE: This method DELETES the log that is on the metal detector. This method is useful if you want to save the logs locally and prevent duplicate entries in the log. A log event is placed into the Metal Detector event log indicating that the log file was remotely deleted.





SAVE LOGS TO LOCAL PC



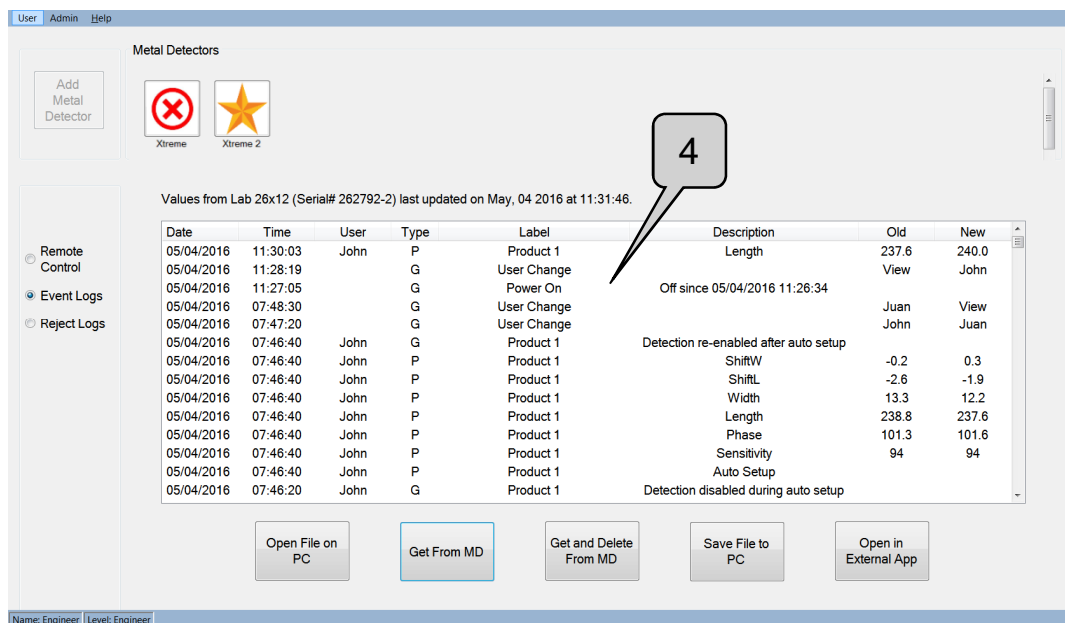
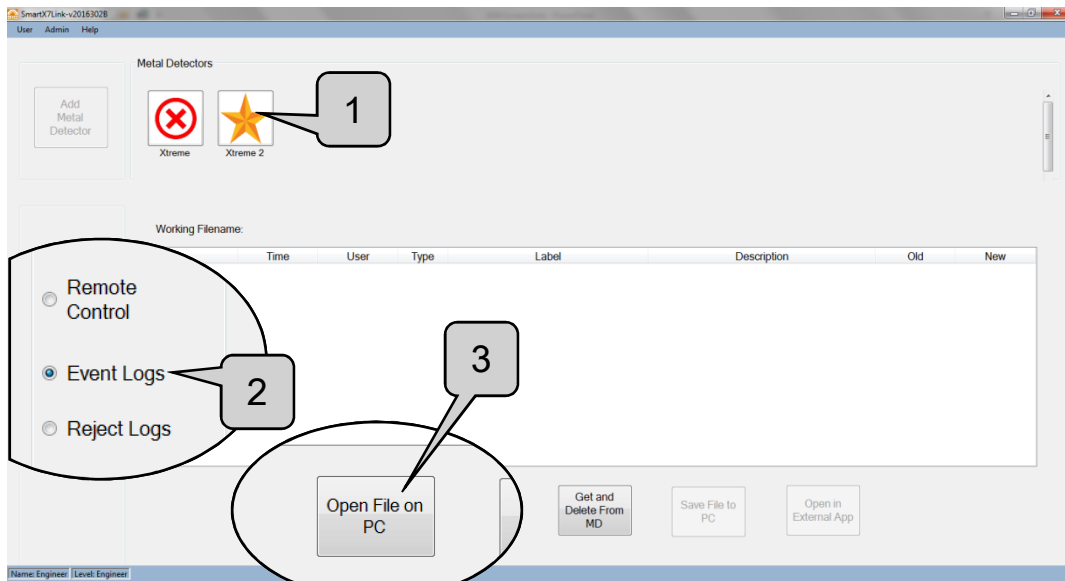
1. If a metal detector is not connected, first see the section of this document titled [“CONNECT TO A METAL DETECTOR”](#).
2. Select the “Event Logs” or “Reject Logs” radio button.
3. To download the corresponding log from the metal detector, left click the “Get From MD” or “Get and Delete From MD” button.
4. The log will be downloaded and displayed in the log panel.
5. Left click the “Save File to PC” button to be prompted to save the file.

NOTE: By default, log files are opened from and saved in the “Public Documents” folder. Any time a file is opened from or saved in a different folder, that folder becomes the new default folder for opening and saving files.





OPENING AN EXISTING LOG FROM THE PC



1. Opening a log from the local PC can be done regardless if the Xtreme SmartX7Link is connected to a metal detector or not.
2. Select the “Event Logs” or “Reject Logs” radio button.
3. Left click the “Open File on PC” button to be prompted to navigate to the file to open.
4. The log will be opened and displayed in the log panel.

NOTE: By default, log files are opened from and saved in the “Public Documents” folder. Any time a file is opened from or saved in a different folder, that folder becomes the new default folder for opening and saving files.





OPENING LOGS IN EXTERNAL PROGRAM



Metal Detectors

Add Metal Detector

Xtreme Xtreme 2

Values from Lab 26x12 (Serial# 262792-2) last updated on May, 04 2016 at 11:31:46.

Date	Time	User	Type	Label	Description	Old	New
05/04/2016	11:30:03	John	P	Product 1	Length	237.6	240.0
05/04/2016	11:28:19		G	User Change		View	John
05/04/2016	11:27:05		G	Power On	Off since 05/04/2016 11:26:34		
05/04/2016	07:48:30		G	User Change		Juan	View
05/04/2016	07:47:20		G	User Change		John	Juan
05/04/2016	07:46:40	John	G	Product 1	Detection re-enabled after auto setup		
05/04/2016	07:46:40	John	P	Product 1	ShiftW	-0.2	0.3
05/04/2016	07:46:40	John	P	Product 1	ShiftL	-2.6	-1.9
05/04/2016	07:46:40	John	P	Product 1	Width	13.3	
05/04/2016	07:46:40	John	P	Product 1	Length	238.8	
05/04/2016	07:46:40	John	P	Product 1	Phase	101.3	
05/04/2016	07:46:40	John	P	Product 1	Sensitivity	94	
05/04/2016	07:46:40	John	P	Product 1	Auto Setup		
05/04/2016	07:46:20	John	G	Product 1	Detection disabled		

Open File on PC Get From MD Get and Delete From MD File to C Open in External App

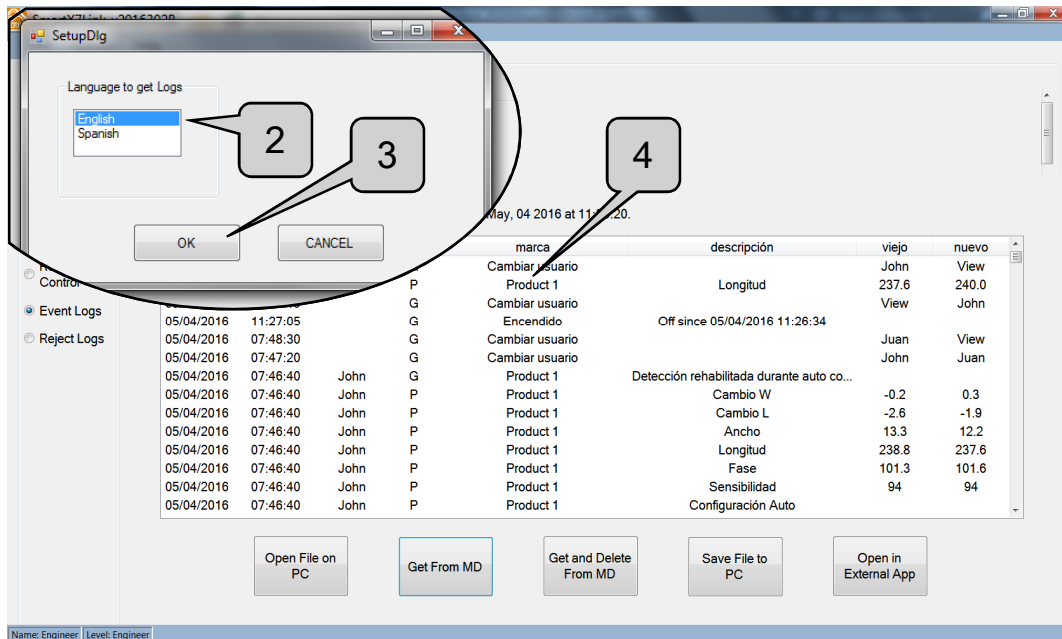
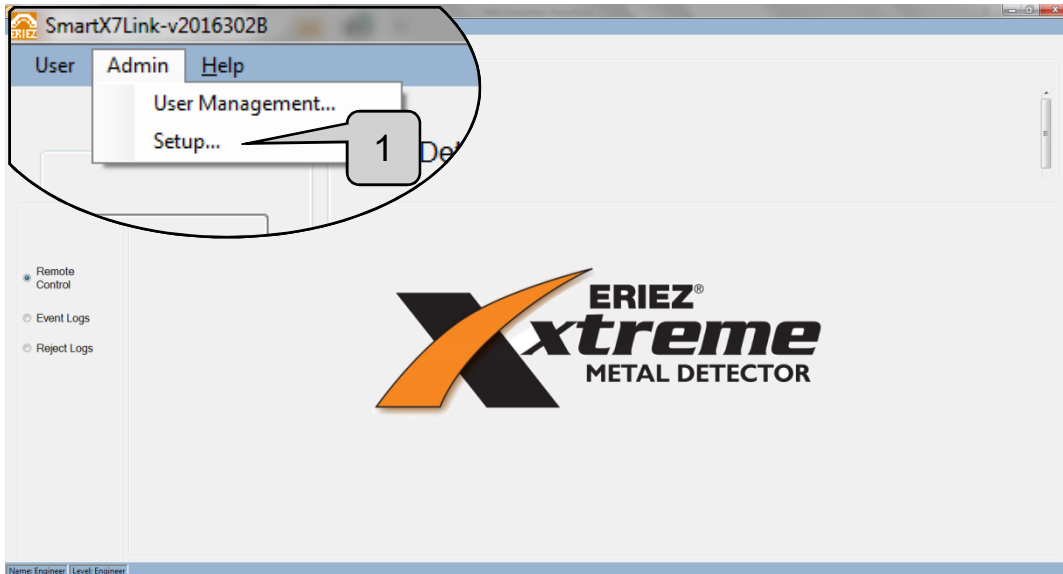
Lab 26x12_EventLog_20160504113744.csv - Microsoft Excel

Label	Description	Old	New
User Change		John	View
Product 1	Length	237.6	240
Product 1	Off since 05/04/2016 11:26:34	View	John
Product 1	User Change	Juan	View
Product 1	User Change	John	Juan
Product 1	Detection re-enabled after auto setup		
Product 1	ShiftW	-0.2	0.3
Product 1	ShiftL	-2.6	-1.9
Product 1	Width	13.3	12.2
Product 1	Length	238.8	237.6
Product 1	Phase	101.3	101.6
Product 1	Sensitivity	94	94
Product 1	Auto Setup		
Product 1	Detection disabled during auto setup		
User Change		Factory	John
Product 1	Detection re-enabled after auto setup		
Product 1	ShiftW	-0.5	-0.2
Product 1	ShiftL	-2.2	-2.6
Product 1	Width	11.9	13.3
Product 1	Length	238.1	238.8
Product 1	Phase	101	101.3
Product 1	Sensitivity	94	94
Product 1	Auto Setup		
Product 1	Detection disabled during auto setup		
Product 1	Detection re-enabled after auto setup		
Product 1	Detection disabled during auto setup		
Product 1	Detection re-enabled after auto setup		
Product 1	ShiftW	13	0.5

1. The prerequisite for opening a file in an external program is that a log is already loaded in the log display panel.
2. Left click the “Open in External App” button.
3. The log file will be opened in the default program for .CSV files for that PC. In the example above, Microsoft Excel was used to open the log file. This feature is useful for sorting and filtering your log data for deeper analysis.



CHANGING LANGUAGE OF LOGS



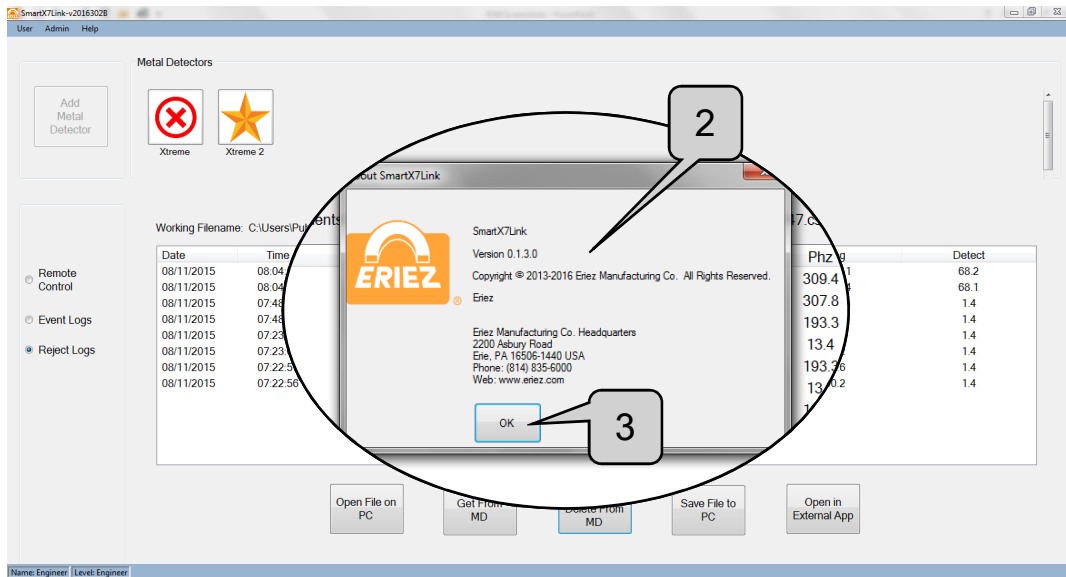
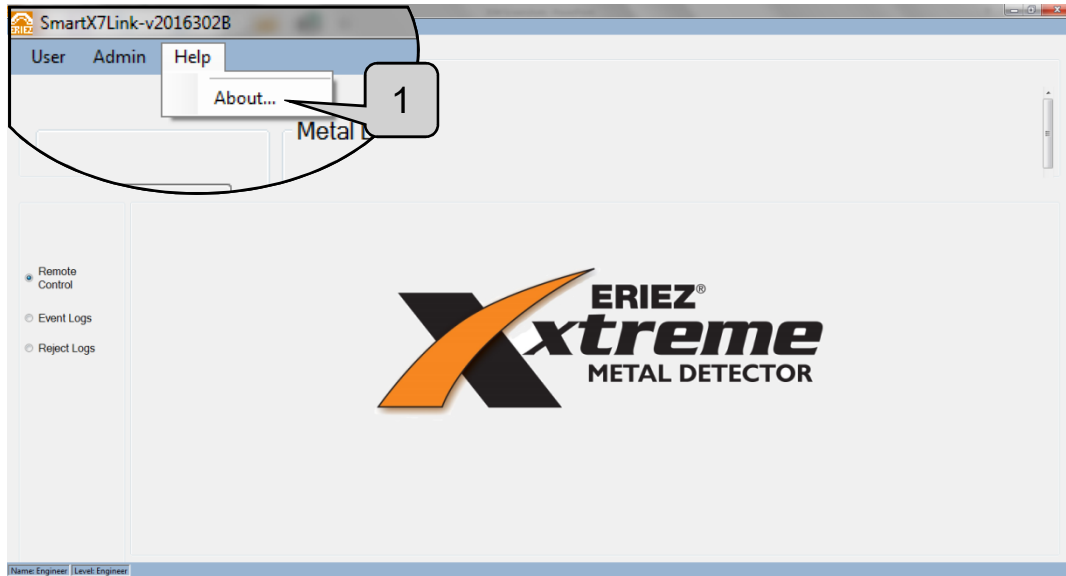
1. Left click the Admin option from the top menu bar and then select “Setup”.
2. A new window will open showing the language options for the log files. Select the desired language.
3. Left click the “OK” button to accept the changes. Left click the “CANCEL” button to revert back to the current language.
4. The logs will then be translated before they are downloaded from the metal detector.

NOTE: Changing this setting does not affect logs loaded from the PC or any previously downloaded logs.





VIEWING SOFTWARE VERSION INFORMATION



1. Left click the Help option from the top menu bar and then select "About".
2. A new window will open showing the About SmartX7Link information.
3. Left click the "OK" button to close the dialog.





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Authority in Separation Technologies

Headquarters: 2200 Asbury Road, Erie, PA 16506-1402 U.S.A.

Telephone: 814/835-6000 • 800/345-4946 • Fax: 814/838-4960 • International Fax: 814/833-3348

Web Site: <http://www.eriez.com> Email: eriez@eriez.com



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