Agilent OpenLAB Data Analysis Upload Download Tool

User's Guide

Agilent Technologies

Notices

Edition

Warranty

Technology Licenses

Restricted Rights Legend

Safety Notices

CAUTION

A **CAUTION** notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a **CAUTION** notice until the indicated conditions are fully understood and met.

WARNING

A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.

Disclaimer

The customization capabilities of OpenLAB Data Analysis Upload Download Tool are part of our user contributed library intended to help users of our software to develop and customize their installations to their specific needs and therefore get the best out of their investment.

Each contribution of the library is checked for functionality but does not necessarily go through a full formal testing procedure. Therefore, support by Agilent Technologies will be limited to fixing critical defects in these contributions that might be discovered in the future. Each such defect will be decided about by the product management and support team on a case to case base.

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Introduction

About the OpenLAB Data Analysis Upload Download Tool

The aim of the OpenLAB Data Analysis Upload Download tool is

- To backup Data Analysis data to the OpenLAB ECM or to the OpenLAB Data Store (Upload).

- To restore these data from the OpenLAB ECM or from the OpenLAB Data Store (Download)

The Data Analysis data will be zipped before the storage in Agilent OpenLAB ECM or in Agilent OpenLAB Data Store.

The tool is called from within the OpenLAB Data Analysis software.

| NOTE | Data Analysis data which can be backuped must contain an .ACAML file. |

Installation

This chapter describes how to install the OpenLAB Data Analysis Upload Download Tool.

Pre-requisites

- **OpenLAB ECM**

  Note that the OpenLAB ECM API must be installed on the same computer than OpenLAB Data Analysis before any use of the tool.

  The supported versions are the following

  - OpenLAB ECM version 3.4.1.485 or later
  - OpenLAB ECM API version 1.0.25.8

- **OpenLAB Data Store**

  Note that the OpenLAB Data Store API (OpenLAB Shared Services Data Store Add-in A.01.02) must be installed on the same computer than OpenLAB Data Analysis before any use of the tool.

  The supported version is OpenLAB Data Store A.02.01

  The supported authentication modes are Internal and Windows domain.

- **OpenLAB Data Analysis A.01.02**

- **The OpenLAB Data Analysis Upload Download Tool is supported on Windows 7 Operating Systems.**

Install OpenLAB Data Analysis Upload Download tool

The tool must be installed on the computer where the pre-requisites are installed.

1. Run the OpenLAB_Data_Analysis_Upload_Download_Tool.msi.

2. In the Welcome screen, click Next to proceed:
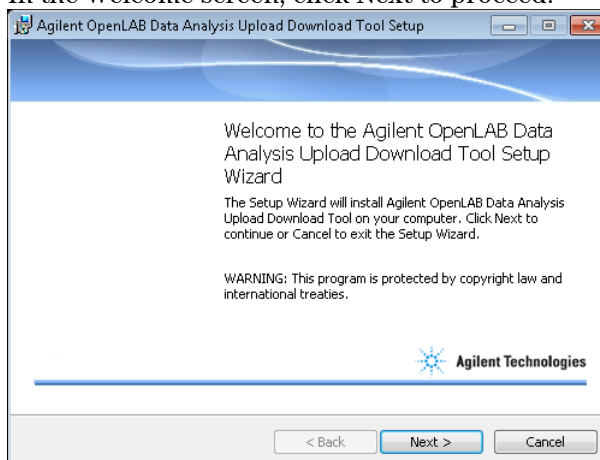
3 In the License Agreement screen, accept the license agreement then click Next:
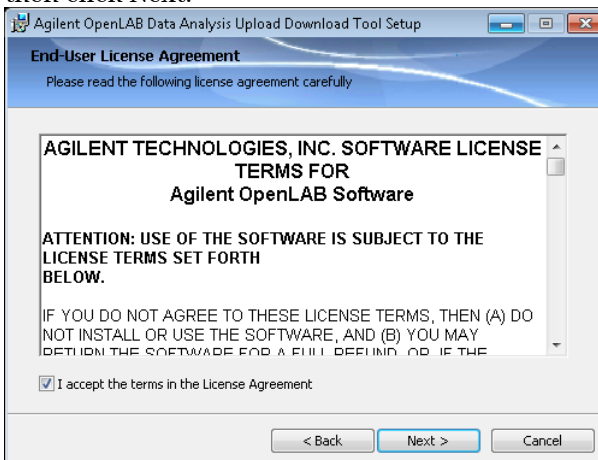
4 In the Custom Setup screen, click Next:
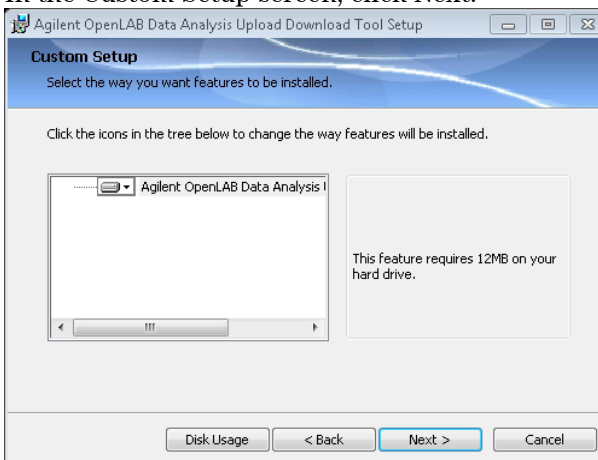
5 In the System Configuration screen, choose your storage then click Next:
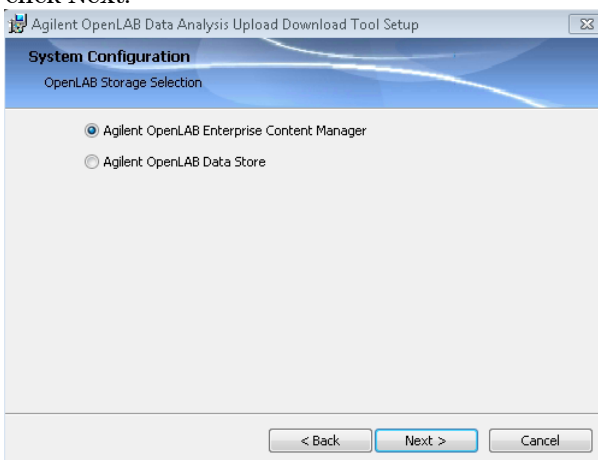
6 In the Ready to Install screen, click Install:
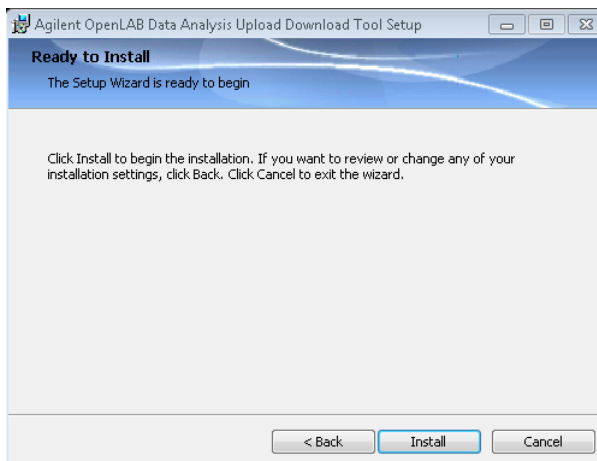
Installation Qualification

This procedure describes how to start the Installation Qualification of your installation

The installation qualification (IQ) provides documentary evidence that your system has been built and installed correctly, and that all design specifications have been met.

1 Using your Windows operating system, go to Start > All Programs > Agilent Technologies > Installation Qualification Tool.

2 Select Qualify.

The system will run the application and generate an Installation Qualification Report.

3 If the report indicates failure, verify the computer requirements and reinstall the data system.

Do not use the system until an Installation Qualification Report gives a 'pass' result.

OpenLAB Data Analysis Upload Download Tool in OpenLAB Data Analysis

After successful installation the OpenLAB Data Analysis Upload Download tool will be available in the OpenLAB Data Analysis tool Ribbon bar.

Figure 1: Upload to ECM/Download from ECM
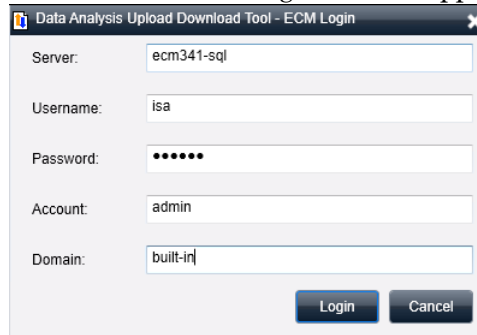
Figure 2: Upload to Data Store/Download from Data Store

Working with the Upload Download tool and Agilent OpenLAB ECM

User Management – Login/Logout/Change User

To log in to OpenLAB ECM

1 Click '**Upload to ECM**' or '**Download from ECM**' in Data Selection view. The Login box will appear.

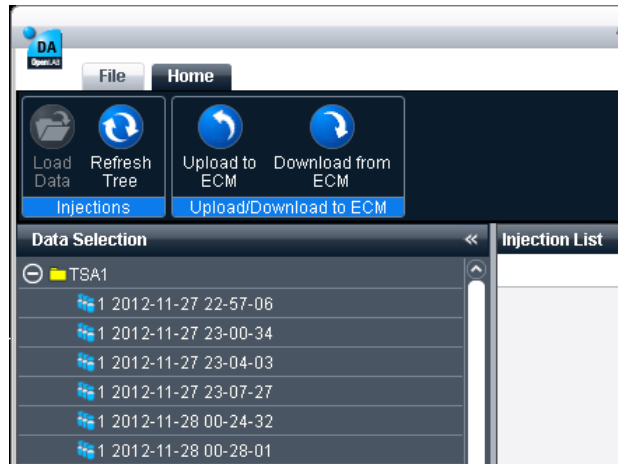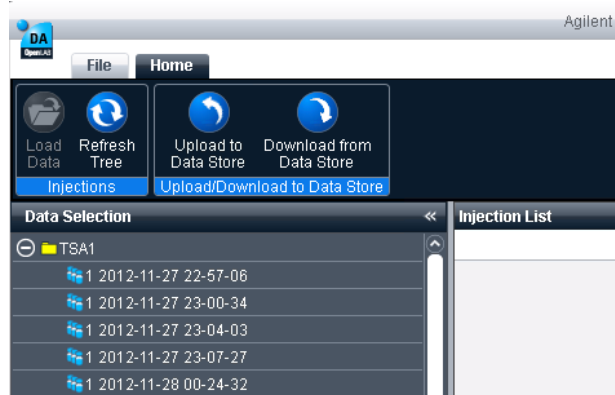| Data Analysis Upload Download Tool - ECM Login	
Server:	ecm341-sql
Username:	isa
Password:	••••••
Account:	admin
Domain:	built-in
	Login Cancel

2 In the Login box, enter the URL of the ECM server, ECM username and password, ECM Account and Domain names.

3 Click on '**Login**' button.

You can see the connected user and the connection information (ECM server name) in the Upload Download tool.

The next time you click Upload to ECM or Download from ECM, the Login box will not appear as the login information is cached until the user logs out.

To log out of OpenLAB ECM

1 Click and then click on ' **Logout'.**

Logout
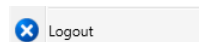
To change user

1 Click and then click on '**Change User**'

Change User
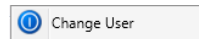
Uploading files to Agilent OpenLAB ECM

The Upload Download tool will first zip the content of the user selected folder then send this zipped file to the Agilent OpenLAB ECM.

The upload is performed if the source folder is a Data Analysis sequence or a project folder (contains an ACAML file) and if no ZIP files with the same name and revision exist in the ECM destination folder. If a file with the same name exists in the Agilent OpenLAB ECM folder, but the revision is not the same, the upload is performed and a new revision is created.

1 Click Upload to ECM
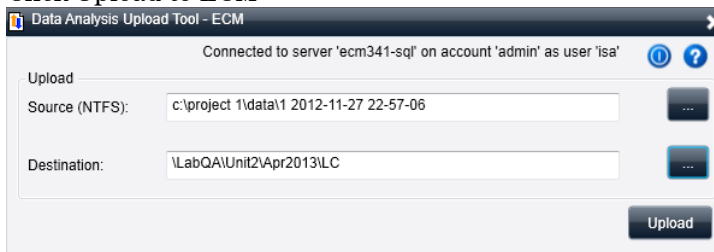
2 In the Upload Source section, click the Browse icon and navigate to the source folder you want to upload. By default the sequence or project selected in the Data Selection view is proposed.

3 In the Destination section, click the Browse icon and navigate to the ECM Location/Cabinet/Drawer/Folder where you want to upload files to.

4 Click on '**Upload**' button.

5 A Status screen appears with a summary of the current upload: The name of the folder which will be zipped and uploaded, the source and the destination folders, the upload date, the status of the upload (Uploading, Successful, Error) and details concerning the upload process are displayed.
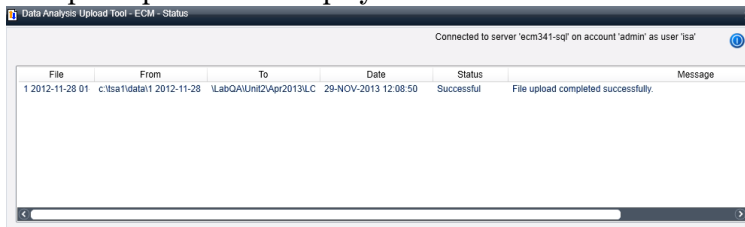
6 When the upload is complete, you can quit the tool by clicking **the cross** in the top right corner of the status screen.

> **NOTE** All the actions are logged in a txt file (Agilent.OpenLAB.FileUploadDownloadTool.log) located in C:\ProgramData\Agilent Technologies\OpenLAB File Upload Download Tool.

Downloading files from Agilent OpenLAB ECM

The Upload Download tool will first download the zipped file(s) in the local destination folder and then unzip this (these) file(s).

The download is performed if the destination folder is not a result set folder. If the downloaded files already exist in the local destination folders, you are proposed for each file separately with the option to overwrite or to not overwrite the local files with the ones from ECM.

1 Click Download from ECM
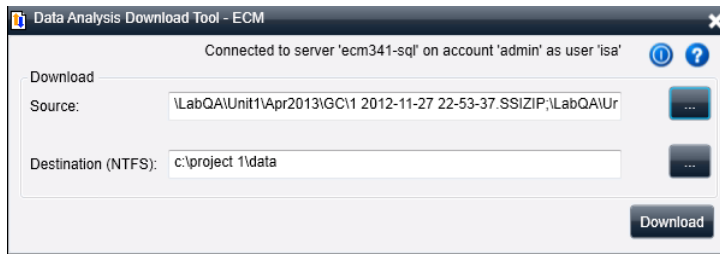
2 In the Download source section, click the Browse button and navigate to the Agilent OpenLAB ECM folder. You can choose several zipped files located in same or different Location/Cabinet/Drawer/Folder.

3 In the Destination folder section, click the Browse button and navigate to the local destination folder where you want to download files.

4 Click Download.

5 A Status screen appears with a summary of the downloads: The name of the zipped files and their ECM source folder, the destination folder, the download date, the status of the download (Downloading , Successful, Error) and details concerning the download process are displayed.

6 When the download is complete, you can quit the tool by clicking **the cross** in the top right corner of the status screen.

> **NOTE** All the actions are logged in a txt file (Agilent.OpenLAB.FileUploadDownloadTool.log) located in C:\ProgramData\Agilent Technologies\OpenLAB File Upload Download Tool.
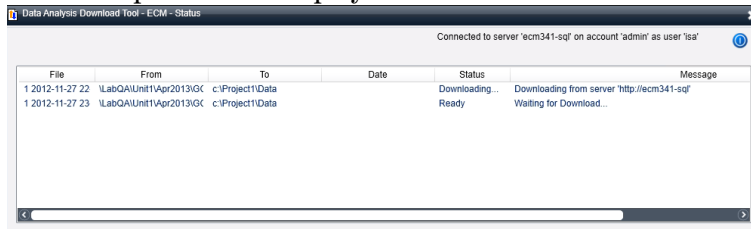
Working with the Upload Download tool and Agilent OpenLAB Data Store

Note that the upload is performed if the source folder is a Data Analysis sequence or a project folder (contains an ACAML file).

User Management – Login/Logout/Change User

To log in to OpenLAB Data Store

1 Click '**Upload to Data Store**' or '**Download from Data Store**' in the ribbon, in the Data Selection view. Login box will appear.

2 In the Login box, enter the URL of the Data Store server, Data Store username and password and Data Store Domain names.

3 Click on '**Login**' button.

You can see the connected user and the connection information (Data Store name) in the Upload Download tool.

The next time you click Upload to Data Store or Download from Data Store, the Login box will not appear as the login information is cached until the user logs out.

To log out from OpenLAB Data Store

1 Click and then click on '**Logout'.**
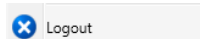
To change user
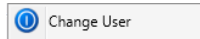
1 Click and then click on '**Change User**'

Uploading files to Agilent OpenLAB Data Store

The Upload Download tool will first zip the content of the user selected folder, then send this zipped file to Agilent OpenLAB Data Store.

The upload is performed if the source folder is a Data Analysis sequence or a project folder (contains an ACAML file).

1 Click Upload to Data Store

2 In the Upload Source section, click the Browse icon and navigate to the source folder you want to upload. By default the sequence or project selected in the Data Selection view is proposed.

3 In the Destination section, click the Browse icon and navigate to the Data Store folder where you want to upload files.

4 Click Upload

5 A Status screen appears with a summary of the current upload: The name of the folder which will be zipped and uploaded, the source and the destination folders, the upload date, the status of the upload (Uploading, Successful, Error) and details concerning the upload process.
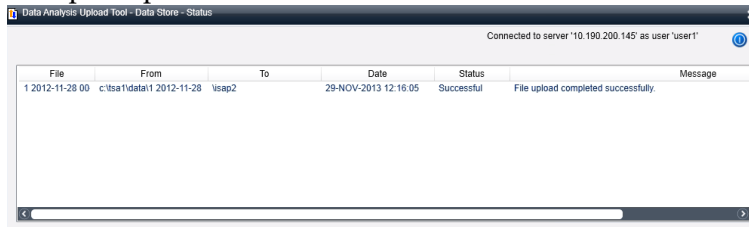

6 When the upload is complete, you can quit the tool by clicking **the cross** in the top right corner of the status screen.

| NOTE | All the actions are logged in a txt file (Agilent.OpenLAB.FileUploadDownloadTool.log) located in C:\ProgramData\Agilent Technologies\OpenLAB File Upload Download Tool. |

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Downloading files from Agilent OpenLAB Data Store

The Upload Download tool will first download the zipped file(s) in the local destination folder and then unzip this (these) file(s).

The download is performed if the destination folder is not a result set folder. If the downloaded files already exist in the local destination folders, you are proposed for each file separately to overwrite or to not overwrite the local files with the ones from the Data Store.

1 Click Download from Data Store
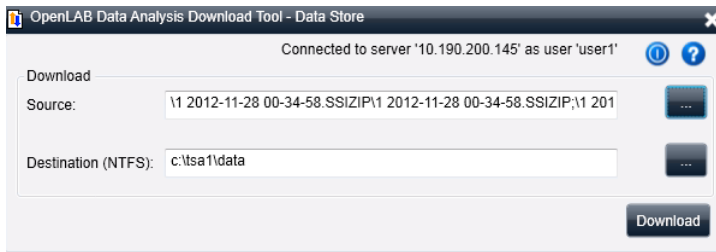
2 In the Download source section, click the Browse button and navigate to the Agilent OpenLAB Data Store folder. You can choose several zipped files located in same or different folders.

3 In the Destination folder section, click the Browse button and navigate to the local destination folder where you want to download files.

4 Click Download

5 A Status screen appears with a summary of the downloads: The name of the zipped files and their Data Store source folder, the destination folder, the download date, the status of the download (Downloading , Successful, Error) and details concerning the download process are displayed.
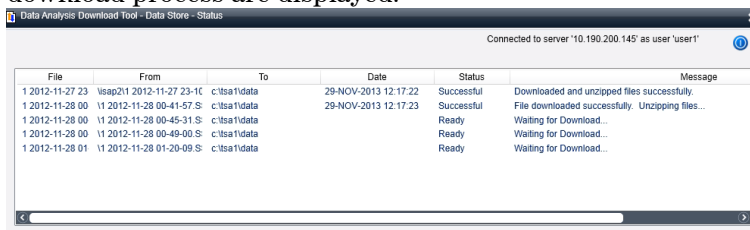
6 When the download is complete, you can quit the tool by clicking **the cross** in the top right corner of the status screen.

| NOTE | All the actions are logged in a txt file (Agilent.OpenLAB.FileUploadDownloadTool.log) located in C:\ProgramData\Agilent Technologies\OpenLAB File Upload Download Tool. |

Error messages and how to solve problems

Error	How to solve the problem
File already exists.	Upload in the ECM is not performed as the file is already backuped in the ECM Folder.
File does not exist on server.	The file which is planned for download does not exist anymore on the server.
File upload/download failed. The ECM server might be unavailable.	Check the availability of the ECM server.
File upload/download failed. OpenLAB Data Store server is not unavailable.	Check the availability of the Data Store server.
SSIZIP creation failed. Zip operation failed for creating the zip file.	Check if the source folder still exists. A file or a folder might have been removed from the folder planned to be uploaded.
File upload failed. Selected source folder no longer exists.	Check if the chosen source still exists.
File upload failed. Selected destination folder no longer exists.	Check if the chosen destination still exists.
File download failed. File does not exist on server.	Check if the file chosen for download still exists on the server.
File upload failed. No CDS data file found in the folder or its subfolder.	The file selected for upload does not contain .ACAML file.
Destination folder is a result set.	The download is not done as the destination folder is a result set folder. Choose another destination.
Unknown error	When Uploading to/Downloading from the ECM, this error may occur when the File Transfer Server (FTS) service does not work properly. Verify that the ECM is working properly.

Table 1: Error messages