ADFExport for OpenLab

Notices

Document Information

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Copyright

Software Revision

This guide is valid for version 1.4 of ADFExport for OpenLab.

Product No: M8480AA

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.

In this Guide …

This guide describes the requirements and installation of Revision 1.4 of ADFExport for OpenLab.

ADFExport for OpenLab was designed to work with the Agilent Chromatography Data System **OpenLab CDS**.

Table 1   Terms and abbreviations

Term	Description
CDS	Chromatography Data System
Content Management	Data storage component provided as part of the OpenLab system
OpenLab CDS	Agilent OpenLab Chromatography Data System
Control Panel	Control Panel for Agilent OpenLab software
Microsoft Control Panel	Part of the Microsoft Windows operating system
AIC	Agilent's Analytical Instrument Controller

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1 Introduction

ADFExport for OpenLab is an Add-on that offers the possibility to export results to the Allotrope Data Format (ADF). A detailed description of the Allotrope Data Format and its structure is available on the Allotrope Foundation web site (https://www.allotrope.org).

ADF File Content

In the current revision of the ADFExport Add-on, the following content is written into the ADF file (for detailed information see ADFExport_ADFContentDescription.pdf available in the download package in SubscribeNet).

- ADF data description

  The data description contains an initial set of metadata about the single run or the entire sequence. The metadata includes information about the run, such as the system (instrument, including module and column information), the submitter, the sample, the injection, and the sequence. Furthermore, information on chromatograms and UV spectra as well as acquisition and processing method names and peak results are stored.

- ADF data cube

  The data cube contains exported raw data (chromatograms and spectra).

- ADF data package

  The data package contains a subfolder with the original OpenLab CDS files.

For more information about the ADF file content, see the ADFExport for OpenLab online help.

2 Licensing

At least one ADFExport license is required for each chromatography data system to run with an ADFExport Add-on. Each time the ADFExport Add-on is used, it checks the licensing server for an available license and uses it during its operation. If the ADFExport Add-on is stopped or fails, the license is released again.

The number of licenses depends on the number of ADFExport instances you want to use at the same time.

For information on the License terms, see "Appendix: License Terms" on page 12.

Available Products

Table 2   Available Products for ADFExport for OpenLab

Product number	Product name	Description
M8480AA	ADFExport for OpenLab rev. 1.4	Supports one software instance (1 instrument)

Get a License

Log in to SubscribeNet to generate a license. During this process you will have to enter the MAC address of your license server. For client/server systems, this is the server. Download your license file. For version 1.4, use ADFExport for OpenLab License version 1.3.

For more details, please refer to the *OpenLab CDS Clients and Instrument Controllers* guide (CDS_ClientAIC.pdf).

Install Your License

1 In the OpenLab Control Panel under **Administration**, select **Licenses** and click **Add License**.

2 Choose to install the license by:

- Using the license file option to browse to and open the license file (.lic) saved from the license generation process in SubscribeNet.
- Selecting the License Text option and copying the license text from a text file received into the provided field.

3 Click **OK**.

The Administration interface in the Control Panel will now display the status of installed licenses.

3 OpenLab CDS

Requirements

ADFExport for OpenLab, rev. 1.4, is compatible with revision 2.8 of OpenLab CDS.

The product is supported for use on English, Chinese, and Japanese versions of OpenLab CDS v2.8.

Signals from Agilent OpenLab CDS LC (SFC or HPLC) instrument runs acquired with DAD, VWD or MWD can be exported.

ADFExport does not support to export CDS data acquired from hybrid SFC/HPLC systems nor from third-party vendor LC, LC/MS, GC/MS, nor GC signals.

Installation

Get Installation Package

Download the **ADFExport for OpenLab** installation package from SubscribeNet and extract the files to a local folder or to a network drive.

Prepare Network Drives

If you will use the ADFExport installation package from a network drive, you must prepare the network drive to make it accessible by the wizard. Without this preparation, Windows security prevents the wizard from accessing those drives.

1   Map the drive to a letter.

For example, map the drive as **Z:**
using the shared path "\\<machine-name>\OpenLabCDS".

This maps the drive for the logged-in user.

2   Open the command prompt in elevated mode (run as administrator) and map the drive using the net use command.

For example,
```
net use Z: "\\<machine-name>\OpenLabCDS"
```

This maps the drive for the local administrator account. The mapped drive is now visible to both logged-in user and administrator and can be selected in the wizard.

Install ADFExport for OpenLab

Install the software on the PC on which your instruments are configured. In Client/Server systems, install it on the Analytical Instrument Controller (AIC) and on all relevant clients.

1   Run **Agilent.OpenLab.CDS.ADFExport.msi** as an administrator.

2   Follow the wizard.

3   Install the required license (see "Install Your License" on page 7).

Software Verification Tool

To qualify the ADFExport for OpenLab installation, launch the Agilent Software Verification Tool (from Agilent Technologies/Software Verification Tool).

The SVT report informs you about successful integration into the existing OpenLab CDS system. The SVT report includes the files installed by the ADFExport Add-on.

Verify Network Access Privileges

If ADF files shall be exported to a network share, users need sufficient privileges to access the share. In a Distributed System, these privileges must be granted to the AIC Instrument user.

NOTE   To prevent unauthorized read and write access, apply restricted Windows Access Control Lists on the ADFExport target folders to authorize only a limited group of trusted users for read or write access.

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Uninstallation

1   Log in as an administrator.
2   In the Windows settings, open **Apps > Apps & features**.
3   Select **ADFExport for OpenLab** and confirm to uninstall it.
4   Reboot.

Appendix: License Terms

AGILENT TECHNOLOGIES, INC. SOFTWARE LICENSE TERMS FOR Agilent OpenLAB Software

For AGILENT TECHNOLOGIES,INC. SOFTWARE LICENSE TERMS FOR Agilent OpenLab Software read OpenLab_LicenseTerms.pdf provided with installation.

Allotrope Foundation ADF license information

ADFExport software makes use of and incorporates Allotrope Foundation ADF framework. Please read Allotrope_ADFLicenseInformation.pdf provided with installation.

In This Book

This manual describes revision 1.4 of
ADFExport for OpenLab CDS

- Licensing
- Requirements
- Installation
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