



LaserscanAdapter

Manual

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Introduction

LaserscanAdapter captures point data from E57 and stores it in a file (*.upvc). This file is used as input for CAXperts **UniversalPlantViewer** to generate the UniversalPlantViewer.

Setup

Devices and operating systems

- Desktop: Windows 7 -10
- Server: Windows 2008 – 2016

Supported Formats

Laserscans

- E57
- OBJ – already meshed data
- JPG – images
- TruView folder

Licence

Site licence (local)

Domain based licences are restricted to machines within a 5 miles (8 kilometres) radius at a specific geographic location (building) for which the licence key file was issued for. There is no limitation regarding the number of users or machines.

CAXperts will need your **Current domain name** to issue a licence file (.lic).

The licence file has to be stored on a local or network location accessible by the machine running the CAXperts product; a licence server is not required.

The location of the licence file should be defined on every machine with the CAXperts product installed, which can be done

- Either by setting the environment variable
CAXPERTS_LICENSE_FILE=C:\Program Files (x86)\CAXperts\Licensing\
- Or by setting the registry key
HKEY_CURRENT_USER\Software\FLEXlm License
Manager\CAXPERTS_LICENSE_FILE=C:\Program Files (x86)\CAXperts\Licensing\

Multiple licence key file locations should be separated by semicolons (";").



If the licence key file location is not defined, "C:\Program Files (x86)\CAXperts\Licensing\" is used

The licence key file may be renamed (including the extension). The CAXperts product will check the content of all files in the licence folder(s) for valid keys.

Changes to the key path (in the environment variable or registry key) are read during the next start of the CAXperts product.

Floating (server) licence

Floating licences require a FlexNET server (Imadmin or Imgrd) accessible by the machine running the CAXperts product. The licence key file is typically located on the FlexNET server machine. The licence key file defines the maximum number of seats which can be used at the same time.

i Every running instance of the CAXperts software product will require one seat, no matter if the application is running multiple times on the same or different machine(s).

New instances can only be started as long as seats are available and the FlexNET server is accessible.

The location of the licence server must be defined on every machine with the CAXperts product installed, which can be done

- Either by setting the environment variable
CAXPERTS_LICENSE_FILE=@YourServerName
- Or by setting the registry key
HKEY_CURRENT_USER\Software\FLEXIm License
Manager\CAXPERTS_LICENSE_FILE=@YourServerName

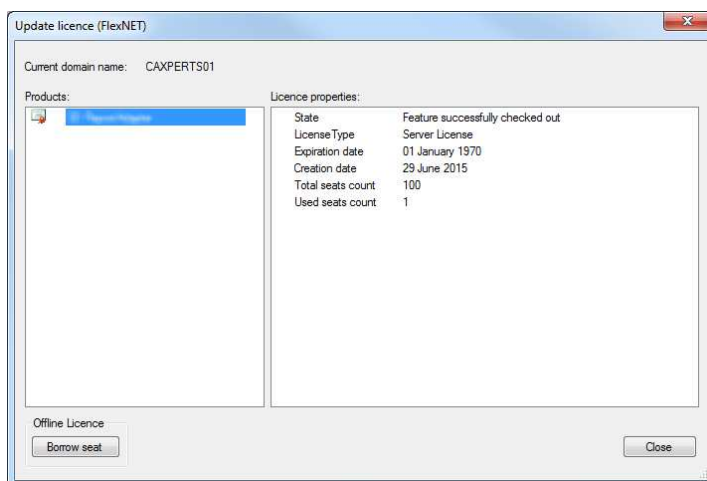
Every computer name must be preceded by the @ symbol. Multiple licence server locations should be separated by semicolons (;).

YourServerName is the Windows computer name of the machine running Imadmin (FlexNET server). If Imadmin is running on a non-default port, the port number should be defined like this: port@YourServerName.

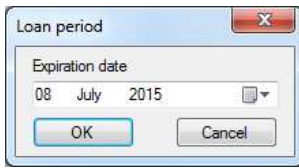
i Changes to the server path (in the environment variable or registry key) are read during the next start of the CAXperts product.

Borrowed licences

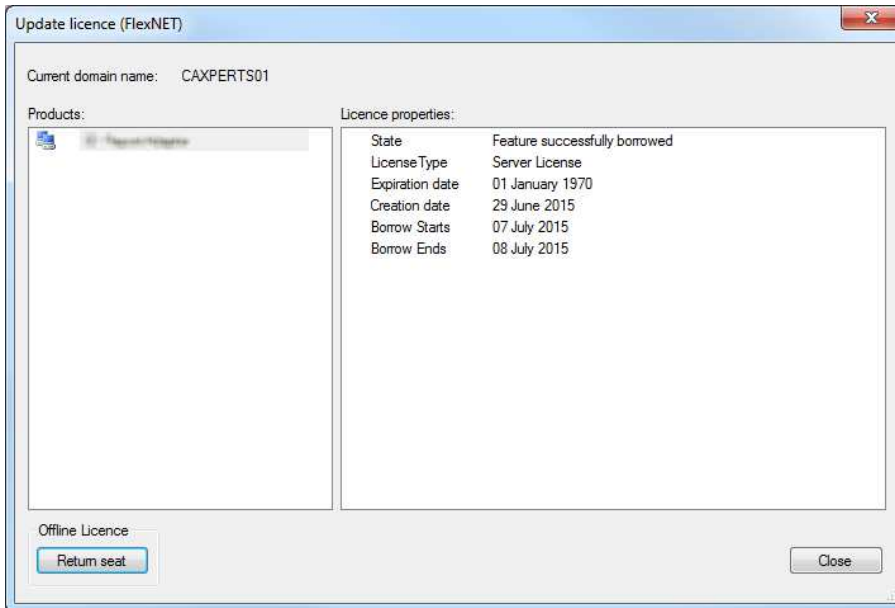
Licence seats can be borrowed for a period of time from the server and saved to the local machine. Once the seat has been borrowed the CAXperts application can be used without any connection to the FlexNET server.



To borrow a licence seat press the **Borrow seat** button, define the loan period (up to 7 days) and press OK. When the borrowed seat expires it gets automatically returned back to the FlexNET server.



The seat can be returned earlier by pressing the **Return borrowed seat** button.

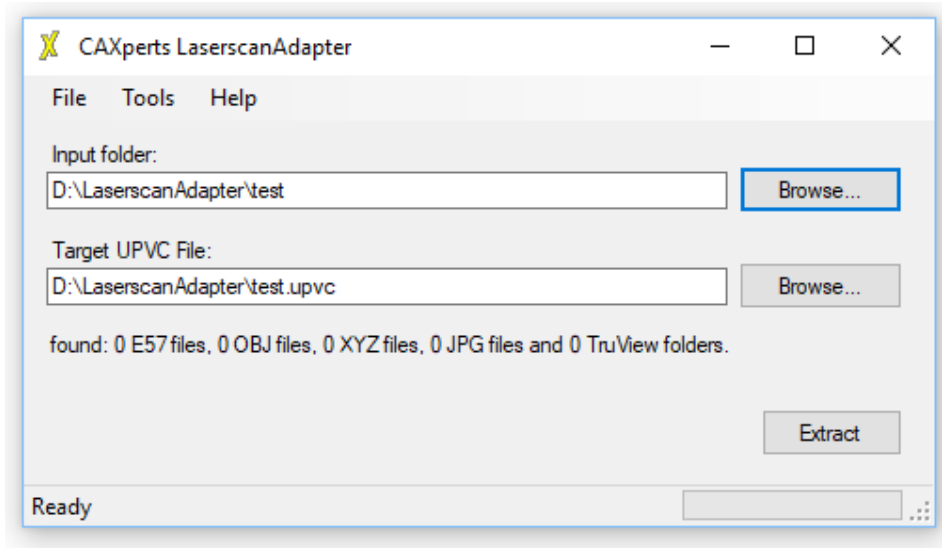


Without a valid licence file the software will run in demo mode.

Overview

This chapter provides a quick overview of LaserscanAdapter's functions. For detailed information please refer to the specific chapters.

Interface



Contact

Contact CAXperts' support by email, online, or phone:

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