Network Version Software - Remote Deployment

04-MAY-17

1   Introduction

1.1   Remote deployment is used for the silent unattended installation of application software on network PCs without having to physically visit the client computer.

2   Overview

2.1   This document outlines the process to install AGi32, Photometric Toolbox and/or ElumTools remotely over a network. Remote deployment can be done using; Windows-Run, a batch file or via 3rd party deployment software[i].

3   Requirements

3.1   LAI Network Service v6.0 (or greater)

3.2   One of more of the following products:AGi32 v2.30 (or greater), Toolbox v1.84 (or greater), ElumTools v2012.2 (or greater)

4   Install and Activate the LAI Network Service

4.1   Download and install the LAI Network Service on the designated server

4.2   Follow the instructions in the LAI Network Service Installation Guide to register, start and activate the service

4.3   Record the Server IP address

5   Obtaining a Network Access Key

5.1   Automated Method - Install software AGi32, Toolbox and/or ElumTools ('the program') on the server or one of the client computers. Start the program and select Network License. Click on the [Request Network Access Key](#) link and follow the instructions to obtain a Network Access Key.

5.2   Manual Method - Contact Lighting Analysts (info@agi2.com)

6   New Install and/or Major Release Update Deployment

6.1   Deploying a new and/or major installation is a three step process; in addition to the program setup file, the Automated Network Access application needs to be deployed (installed and then executed). This application is used to license the installation (a command line string is required). ILMAutoNetAccess-Setup.exe can be found in the folder where the LAI Network Service was installed.

6.2   Process

6.2.1   Execute the setup file (silent installation):

Syntax for EXE file: <SetupFile> /s /v/qn (note: there is a space after /s)
Syntax for MSI file (ElumTools): <MSIFile> /quiet

6.2.2   Install the Automated Network Access application:

Syntax: ILMAutoNetAccess-Setup.exe /s /v/qn (note: there is a space after /s)

6.2.3   Execute the Automated Network Access application:

Syntax: ILMAutoNetAccess.exe ProgramID | AppVerMajor | AppVerMinor | ServerAddress | NetAccessKey

6.3   Examples

6.3.1   Example using Windows-Run:

"c:\temp\AGI32-16.1_Setup.exe" /s /v/qn
"c:\temp\ILMAutoNetAccess-Setup.exe" /s /v/qn
"c:\temp\ILMAutoNetAccess.exe" 102|16|1|10.10.0.24|12345-123452

Note: Assumes commands are being executed on client computer. Substitute actual file locations/names, server IP and ILMAutoNetAccess parameters as needed (see Program ID Matrix)

6.3.2   Example using a batch file:

```
REM AGi32 v16.1 - Remote Deployment Example
REM 11-APR-15
REM
REM Set folder locations
REM Substitute actual folder locations
REM    CentralFolder - Folder where setup files are located (usually on server)
REM    DestinationFolder - Temporary folder on Client CPU
REM
set CentralFolder=V:\LAI Software\Apps
set DestinationFolder=C:\Temp
REM
REM Copy applications to DestinationFolder
REM
copy "%CentralFolder%\AGI32-16.1_Setup.exe" %DestinationFolder%
copy "%CentralFolder%\ILMAutoNetAccess-Setup.exe" %DestinationFolder%
REM
REM Run setup files silently
REM
"%DestinationFolder%\AGI32-16.1_Setup.exe" /s /v/qn
"%DestinationFolder%\ILMAutoNetAccess-Setup.exe" /s /v/qn
REM
REM Activate Network License
REM For 64-bit OS, change 'Program Files" to "Program Files (x86)"
REM Substitute actual server IP and Net Access Key
REM Everything is on one line
REM
"c:\Program Files\Lighting Analysts\ILMAutoNetAccess\ILMAutoNetAccess.exe"
102^|16^|1^|192.168.55.15^|5FDBBC-D01CDE-EEDDD3-BFAC10-AC6B71
REM
REM Done!
REM

REM ElumTools 2015.1 - Remote Deployment Example - 64-Bit Client OS
REM
REM Set folders
REM Substitute actual folder locations
REM    CentralFolder - Folder where setup files are located (usually on server)
REM    DestinationFolder - Temporary folder on Client CPU
REM
set CentralFolder=V:\LAI Software Products\Apps
set DestinationFolder=C:\Temp
REM
REM Copy applications to DestinationFolder
REM
copy "%CentralFolder%\ElumTools_Setup_2015.1.0.1.msi" %DestinationFolder%
```

```
copy "%CentralFolder%\ILMAutoNetAccess-Setup.exe" %DestinationFolder%
REM
REM Run setup files silently
REM
"%DestinationFolder%\ElumTools_Setup_2015.1.0.1.msi" /quiet
"%DestinationFolder%\ILMAutoNetAccess-Setup.exe" /s /v/qn
REM
REM Activate Network License
REM Substitue actual server IP and Net Access Key
REM
"c:\Program Files (x86)\Lighting Analysts\ILMAutoNetAccess\ILMAutoNetAccess.exe"
501^|15^|1^|192.168.55.15^|112120-356510-11080F-688CD6-321177
REM
REM Done!
REM
```

Note: Assumes batch file is being executed from the client computer. Substitute actual file locations/names, server IP and ILMAutoNetAccess parameters as needed (see Program ID Matrix). Caret (^) must proceed all pipe (|) characters in a batch file

7 Minor Release Update Deployment

7.1 A minor update is a release within the same major version (e.g. 16.1 to 16.2). Unlike a major release, minor updates do not require a new Network Access Key. As such, it is only necessary to run the setup file.

7.2 Process

7.2.1 Execute the setup file (silent installation):

Syntax: <SetupFile> /s /v/qn (note: there is a space after /s)

7.3 Examples

7.3.1 Example using Windows-Run:

"c:\temp\AGI32-16.2_Setup.exe" /s /v/qn

Note: Assumes command is being executed on client computer. Substitute actual file location/name as needed.

7.3.2 Example using a batch file:

```
REM AGi32 v16.1 - Remote Deployment Example – Update Only
REM 11-APR-15
```

```
REM
REM Set folder locations
REM Substitute actual folder locations
REM    CentralFolder - Folder where setup files are located (usually on server)
REM    DestinationFolder - Temporary folder on Client CPU
REM
set CentralFolder=V:\LAI Software\Apps
set DestinationFolder=C:\Temp
REM
REM Copy applications to DestinationFolder
REM
copy "%CentralFolder%\AGI32-16.1_Setup.exe" %DestinationFolder%
REM
REM Run setup file silently
REM
"%DestinationFolder%\AGI32-16.1_Setup.exe" /s /v/qn
```

Note: Assumes batch file is being executed from the client computer. Substitute actual file location/name as needed.

8   Program ID Matrix

Program	Version	ProgramID	AppVerMajor	AppVerMinor
AGi32	v15.x	102	15	x
	v16.x	102	16	x
	v17.x	102	17	x
	v18.x	102	18	x
Toolbox	v1.9x	201	1	9x
ElumTools	v2014.x	501	14	x
	v2015.x	501	15	x
	v2016.x	501	16	x
	v2017.x	501	17	x
	v2018.x	501	18	x

Note: Only supported versions shown.

RemoteDeploymentInstructions.rtf

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[i] Use of 3rd party tools is unsupported by Lighting Analysts.