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# Network Version Software - Remote Deployment

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## 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 3<sup>rd</sup> party deployment software<sup>i</sup>.

## 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](mailto: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 Substitute 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

<b>Program</b>	<b>Version</b>	<b>ProgramID</b>	<b>AppVerMajor</b>	<b>AppVerMinor</b>
<b>AGi32</b>	v2.30	101	2	30
	v2.3x	101	2	3x
	v14.1	102	14	1
	v14.x	102	14	x
	v15.x	102	15	x
	v16.x	102	16	x
	v17.x	102	17	x
<b>Toolbox</b>	v1.84	201	1	84
	v1.8x	201	1	8x
	v1.9x	201	1	9x
<b>ElumTools</b>	v2012.2	501	12	2
	v2012.x	501	12	x
	v2013.1	501	13	1
	v2014.x	501	14	x
	v2015.x	501	15	x
	v2016.x	501	16	x
	v2017.x	501	17	x

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<sup>i</sup> Use of 3<sup>rd</sup> party tools is unsupported by Lighting Analysts.