

General information

- Management of clients running **eLux®**, Windows Embedded Standard 7, Windows 7 and later, Windows 10 IoT Enterprise
- Modular firmware customizing with easy-to-use software
- Operation on Windows platforms starting with Windows Server 2008 R2 and later
- Multi-user and terminal server support
- Enterprise functionalities – **scalable and high available**

Firmware customizing

- Individual firmware customizing with ELIAS (integrated in Scout Enterprise)
- High flexibility and modularity, enable/disable software components
- No Linux skills required – ELIAS secures that the resulting image can be installed and used
- Automatic check for package dependencies, package compatibility and signatures of packages
- Software signatures with X.509 certificates
- High security level through **certificate-based signing** of the image definition files within ELIAS
- Creating USB recovery sticks with individual image definition files
- Create your own software packages with the eLux SDK (available for free by contacting us)

Firmware update

- Modular / **incremental firmware updates** in compressed format, only differing parts of the image are transferred (no complete image transfer needed)
- Software deployment and installation can be performed either in one or in two steps (deliver the software packages in advance)
- Firmware update protocols: HTTP/HTTPS, FTP/FTPS
- **Signature check** of the software packages and image definition file before the installation process
- Bandwidth management for firmware updates
- Static or **dynamic proxy** to reduce network load
- Update schedule is configurable: during start or shutdown of the client, immediately or time-controlled

Multi-administrator policy

- Individual access rights for different levels, menu entries, objects, commands
- Pass-through authentication for Active Directory users

Device configuration

- Hierarchical representation of the administrative structure
- Inheritance of configurations
- Custom configurations for individual devices or groups of devices possible
- Application definitions for device groups including inheritance / the administrator can select the applications that have to be inherited
- Transmission of any configuration files and parameters of a configuration file
- Offline Configuration Editor

On-boarding of clients to the management system

- Automatic staging procedures via DHCP scope options or DNS Alias
- Import of device lists
- **OU filter**: Clients can be assigned to OUs by subnet address or by user-defined criteria
- Optional security level: Only “known” clients are allowed to connect the Scout Enterprise server successfully
- Simplified procedure for the **relocation of clients** to another Scout Enterprise server including license management. Optional ‘offline’ mode to prepare devices for foreign environment (staging process)
- Configurable load balancing between multiple Scout Enterprise servers (connected to one database)

Unified communication

- Citrix HDX Real-time Media Engine to support **Skype-For-Business**
- **Avaya** VDI communicator
- **Cisco VXME** client (Cisco Jabber)
- EKIGA softphone client
- Possible to add all three UC solutions in one image for UC PoC

Inventory Management

- Device serial numbers, serial numbers of the connected monitors, serial numbers of the connected USB devices, BIOS version, customer asset information, Flash memory size, memory, CPU speed, network speed, monitor settings, monitor information

Scout API

- Use the **Scout API** to include certain server functionalities into self-build solutions

Report Generator

- Creating individual reports based on devices, applications and organization units of the Scout Enterprise database
- Results of device reports can be exported into the Scout Enterprise console as **dynamic client groups** in order to perform OU-independent commands on a group of clients

Online commands

- Switch on / switch off
- Restart device / restart desktop
- Send messages / mirror thin clients
- Perform firmware update or deliver software for firmware update
- Refresh device status / factory reset
- User-defined online commands (e.g. for remote **BIOS updates**)

Help-Desk / Support

- Switch on/off thin clients remotely
- Wake-On-Lan support
- Desktop mirroring, encrypted and logged
- Request diagnostic files from the clients via console
- Configurable keep-alive mechanism in order to get periodic keep-alive messages from the clients