



Workshop Agenda

eLux Topics

The Basics

What is eLux?
First steps to get Thin Client working
Configuring user settings
Configuring network settings
Defining applications

Additional Topics

ELIAS
Updating firmware
Printer settings

The Basics

What is eLux?

- ~ overview of eLux software, its advantages
- ~ outline of the process – setting user configuration/hardware settings eLux (Setup tab), defining applications (Configuration tab), starting applications (Applications tab)

Getting started: How to unpack a factory-delivered Thin Client and get it working in minutes

- ~ setting up the hardware, turning on
- ~ troubleshooting: how to update to a new license when old software not eLux
- ~ introduction to the eLux starter, the three tabs
- ~ setting eLux starter to German

Configuring user settings

- ~ configuring keyboard, mouse and language settings (Screen, Multimedia, Desktop, Mouse / Keyboard tabs)
- ~ setting Thin Client time to UTC
- ~ mapping drives
- ~ changing RAM disk size

Configuring network settings

- ~ how to configure hardware, set hardware profiles (Hardware tab)
- ~ how to set an IP address using BOOTP, DHCP or a fixed IP address
- ~ troubleshooting

Defining applications

- ~ package installation and the Applications tab
- ~ how to define an application
- ~ general application settings (application restart, start automatically)
- ~ specific application features (ICA, RDP, browser, local, emulation, etc.)

Additional Topics

Using the eLux Image Builder program (ELIAS) to create firmware

- ~ overview of the container method
- ~ introduction to EPMS, FPMs, image definition files
- ~ ELIAS requirements
- ~ introduction to the ELIAS GUI
- ~ ELIAS keyboard commands
- ~ importing and exporting packages in a container
- ~ downloading new package releases from www.mylux.com
- ~ using ELIAS to create an image definition file
- ~ saving an image file for an update (on Web server, in container directory, etc.)



eLux – Additional Topics *(continued)*

Updating firmware on the flash

- ~ brief overview of an image definition file, requirements for the update process
- ~ description of the General tab, how it displays the installed software
- ~ how to set firmware settings (Firmware tab)
- ~ troubleshooting

Printer settings

- ~ printer definition: default Ip, local printer, network printer
- ~ Thin Client as a print server
- ~ TCP direct print
- ~ printing with ICA (autocreate printer)

Scout Topics

The Basics

First steps to get Scout working
Introduction to the management tool Scout
Introduction to the licensing procedure
Thin Client roll-out

Additional Topics

Central management of Thin Clients
Real-time status monitoring
Helping the user “live”
Firmware update

The Basics

Getting started: First steps to get Scout working

- ~ how to install
- ~ mandatory components (Scout console, Scout server, ELIAS)
- ~ additional components (BOOTP server, BOOTP gateway, TFTP server, wake-on-LAN server)
- ~ main screen and its elements, easy mouse-based user interface
- ~ context menus
- ~ keyboard shortcuts

Introduction to the management tool Scout

- ~ Setup hierarchy
- ~ Lost&Found as default category
- ~ Scout as an extension of eLux – comparing similarities between configuring eLux and configuring Thin Clients using Scout

Introduction to the licensing procedure

- ~ different types of licenses
- ~ how to enter licenses in Scout
- ~ validation periods
- ~ activation periods
- ~ the Web activation procedure

Thin Client Roll-out

- ~ how to automatically enter and configure Thin Clients in management software
- ~ requirements for entering in Scout: IP address, connected to network, turned on, eLux installed, Thin Client password
- ~ client discovery
- ~ reverse discovery
- ~ manual entry
- ~ import/export feature



Scout – The Basics *(continued)*

Remote management of the Thin Client

- ~ introduction to the configuration process (automatically update Thin Client)
- ~ configuring desktop (review of Day 1)
- ~ defining applications (review of Day 1)
- ~ differences between Scout and eLux Setup and application definitions
- ~ security settings

Additional Topics

Real-time management

- ~ viewing Thin Client activity status (on, off, restarting, updating)
- ~ remote commands (on/off, restart, desktop restart)

Helping the user “live”

- ~ messaging
- ~ mirroring

Firmware update: Automatic updating of the Thin Client operating system and add-on software

- ~ introduction to the update process (automatic download and installation on Thin Client at selected time)
- ~ viewing Thin Client update status (update state)
- ~ configuring firmware settings
- ~ performing an update
- ~ scheduling an update
- ~ how to configure wake-on-LAN, perform update, switch Thin Clients off
- ~ confirming an update has been successfully performed
- ~ viewing update history

Advanced Topics

Main Topic

Recovery¹ using BOOTP server
Recovery using DHCP server

Additional Topics

eLux	Scout
Smart Card settings	Properties dialog box
Diagnostics	Setting an environment variable
Security settings	Exporting a Scout configuration file
Authorization server (Directory Services)	Setting a file list to transfer
	Troubleshooting: logs, common errors

Main Topic

BOOTP/DHCP Recovery

- ~ when to recover
- ~ description of what takes place during a recovery
- ~ introduction to the BOOTP recovery process (industry-wide standard)
- ~ introduction to the DHCP recovery process (industry-wide standard)
- ~ performing a PXE recovery with BOOTP/DHCP servers

¹ The main topic for the third day is recovery. A recovery is an important troubleshooting procedure that every administrator should know.



Advanced Topics – Additional Topics

eLux

Diagnostics

- ~ overview of the Diagnostics tab
- ~ how to set log settings
- ~ how to easily view preset log files
- ~ how to easily view individual log files
- ~ how to easily export system files using FTP (one step)

Smart Card settings

- ~ overview of how Smart Cards can be used
- ~ how to set card reader hardware settings
- ~ how to set Smart Card software settings for operating system (Smart Card security for eLux)
- ~ how to set Smart Card software settings for other applications (Smart Card security for ICA sessions, etc.)

Security settings

- ~ LocalLogin: the eLux administrator (local)
- ~ authorization hotkey
- ~ changing the Thin Client password
- ~ blending out the Setup and Configuration tabs
- ~ setting eLux user rights
- ~ BIOS security
- ~ screen saver as security feature
- ~ limiting access to applications

Authorization server (Directory Services)

- ~ Configuring eLux security settings for an authentication server
- ~ The authentication servers eLux supports: LDAP, ADS, Windows domain
- ~ Explication of standard user variables
- ~ How to set your own user variables
- ~ Advantages of using user variables in Scout with examples

Scout

Advanced topics

- ~ properties dialog box: the different settings
- ~ how to set an environment variable
- ~ file export: export a Scout configuration for easy entry in another Scout server
- ~ file list: conveniently transfer multiple configuration files to the Thin Client simultaneously

Troubleshooting

- ~ diagnostics: how to set log settings
- ~ update errors
- ~ common errors