

eLux/Scout License Concept

White Paper

Edition: March 2010

Build # 2

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1 eLux/Scout License Concept

Starting with Scout Enterprise Version 11 and eLux NG / eLux RL Version 2 there is no differentiation between eLux NG and eLux RL licenses.

1.1 License Types

The operation of a Thin Client infrastructure with eLux/Scout 4 license types are relevant:

- Client operating license ⇒ using eLux at the client
- Scout management license ⇒ management of the eLux clients via Scout Enterprise
- eLux/Scout subscription license ⇒ to update the eLux client with new software packages
- Client application license ⇒ optional – in case of applications which need a separate license

1.1.1 Client Operating License

The operation of client hardware with the eLux operating system needs to be licensed. There are 2 types of operating licenses: eLux NG/eLux RL and eLux Lite ¹⁾. The client operating licenses are always stored on the client.

Clients with Windows CE and Windows XP embedded ²⁾ can also be managed by Scout Enterprise. The licensing of the Windows operating system is provided by the hardware manufacturer and is not subject to the licensing procedure of eLux/Scout.

Licensing procedure:

Licensing by....	Description
integrated eLux license ex-factory	By some hardware manufacturers (OEM partners) the clients can be equipped with an eLux license ex factory. In this case no further action is required to license the eLux operating system.
new eLux license locally at the client	A new eLux license is locally entered into the license dialog at the client.
new eLux license via Scout	New eLux licenses are entered into the license dialog of the Scout console. These licenses are automatically distributed to all those unlicensed eLux clients which contact the Scout server.
released / restored eLux license via Scout	By deleting a client in the Scout console the eLux license of the deleted client is given back to the Scout server, so that this license is free for distribution. It will be deployed automatically to all those unlicensed eLux clients which contact the Scout server. (Example: Replacing Thin Client-Hardware, Migration of a PC to a Thin Client).

¹⁾ With eLux Lite there is one and only firmware image provided by the hardware manufacturer. It cannot be modified by ELIAS.

²⁾ Only in the bundle (Hardware, Windows operating system and Scout-Agent) provided by Fujitsu Technology Solutions.

1.1.2 Scout Management License

This license type is required for the management of Thin Clients with eLux, eLux Lite, WinCE und WinXPe via Scout Enterprise. Each client needs one Scout management license ³⁾. The license is stored on the Scout server.

Also, some hardware manufacturers (OEM partners) can deliver the clients equipped with an eLux license and a Scout management license ex factory. We speak of a so-called integrated license "eLux with Scout-builtin".

This type of Scout management license is stored at the client, so that no further server-stored management license is required to manage the client with Scout.

Licensing Procedure:

Licensing by ...	Description
integrated Scout management license ex-factory	By some hardware manufacturers (OEM partners) the clients can be equipped with an eLux license <u>and</u> a Scout license ex factory. In this case no further licensing action is required.
new Scout management license via Scout	New Scout management licenses are entered into the license dialog of the Scout console.
released Scout management license via Scout	By removing a client from the Scout console the Scout management license of the removed client is available again.

1.1.3 eLux/Scout Subscription License

The update of eLux Thin Clients with the latest eLux software packages requires a valid so-called subscription license. For more information on Subscription please consult chapter 13.3 in this manual.

A new eLux license includes subscription (i.e. software service) for a 24 months period. By purchasing extra subscription licenses the software service (= validity of subscription) can be extended by 12 months.

The Scout Enterprise server manages the subscription either in device or enterprise mode. If clients are not managed by Scout, the subscription period is calculated locally at the client.

The eLux/Scout Subscription licenses are stored at the Scout Server.

Licensing Procedure:

Licensing by....	Description
Assigning subscription in the subscription pool of the Scout Server	Initial situation: The Thin Clients are managed by Scout Enterprise and the subscription mode is „Enterprise“. New eLux/Scout subscription licenses are entered into the license dialog of the Scout console thus extending the subscription for all clients.
manual assignment for individual clients	Initial situation: The Thin Clients are managed by Scout Enterprise verwaltet and the subscription mode is „devices“. New eLux/Scout subscription licenses are entered into the license dialog of the Scout console. The subscription is distributed manually to individual clients by the administrator via the Scout console.
manual request of subscription from the client	Initial situation: The Thin Clients are not managed by Scout Enterprise. The subscription for a client <u>must</u> be distributed via a Scout server. The Scout server which provides the subscription for the client must be entered in the license dialog of the client. This Scout server may, however, serve just as a license server without managing clients.

1.1.4 Client Application License

This refers to using applications requiring separate licenses, such as the PowerTerm terminal emulation.

These application licenses are stored on the client only.

Licensing procedure:

Licensing by....	Description
new application license locally at the client	The new application license is manually entered into the license dialog of the client.
new application license via Scout	New application licenses are entered into the license dialog at the Scout console.
released / restored application license via Scout	By removing a client from the Scout console the Scout management license of the removed client is restored to the Scout server and thus made available.







1.2 Examples

Description of the Icons

 Client Operating License	 eLux/Scout Subscription License
 Scout Management License	 Client Application License







Integrated eLux license incl. Scout-builtin ex- factory

During the first contact to the Scout server the Thin Client transmits the license information of its stored eLux and Scout license.

Thin Client 		Scout Enterprise 
 	Transfer license information ⇄	 ✓  ✓








New eLux license locally at the Client and Scout license via Scout

Having entered a new eLux license locally at the Thin Client, the client transfers the license information during first contact to the Scout server.

Thin Client 		Scout Enterprise 
  manually	Transfer license information ⇄	 ✓
	⇄ Distribution Scout license	 ✓














New eLux and Scout license via Scout

The Thin Client contacts the Scout Server and requests an eLux and a Scout license. The Scout server transfers the eLux license to the client and distributes a Scout license to the client.

Thin Client 		Scout Enterprise 
unlicenses	License request ⇄	 
	⇄ Transfer license information ⇄ Distribution Scout license	 ✓  ✓





















New application license via Scout

A licensed Thin Client (integrated eLux license with Scout-builtin) contacts the Scout Server and requests an application license. The Scout Server transfers the application license to the client.

Thin Client 		Scout Enterprise 
 	License request ⇄	  ✓  ✓
  	⇄ Transfer application license	 ✓  ✓  ✓

Released eLux and Scout license via Scout

Removing a Thin Client in the Scout console results in releasing its license/-s and restoring it/them to the Scout server. An unlicensed client can request these licenses.

Thin Client 		Scout Enterprise 
	Version 1: an integrated eLux license with Scout builtin is stored at the client	 ✓  ✓
✗ Removal client	Release of licenses ⇄	
unlicensed	License request ⇄	
	⇐ Transfer eLux license ⇐ Distribution Scout license	 ✓  ✓
Thin Client 		Scout Enterprise 
	Version 2: an eLux license stored on the client via Scout	 ✓  ✓
✗ removal client	Release of licenses ⇄	
unlicensed	License request ⇄	
	⇐ Transfer eLux license ⇐ Distribution Scout license	 ✓  ✓

Entering Subscription to the Subscription-Pool of the Scout Server

Initial situation: The Thin Clients are managed by Scout Enterprise and the subscription mode is "Enterprise".

Entering new eLux/Scout Subscription licenses to the Scout Server extends the subscription pool of the Scout server. Thus the subscription validity is extended for all clients.

Example:

Situation: Enterprise subscription for 1,000 devices, valid until 2/2010

Action: Entry of 2,000 eLux/Scout subscription licences at the Scout Server

Result: Enterprise subscription für 1,000 devices, valid until 2/2012

Manual distribution of Subscription to individual clients

Initial situation: The Thin Clients are managed by Scout Enterprise and the subscription mode is "Devices".

New eLux/Scout subscription licenses are entered into the license dialog of the Scout console. The subscription is assigned to individual clients manually by the administrator of the Scout console.

For any further questions please contact
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