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Unicon - How to Start

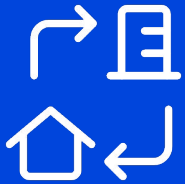


How to start

First steps

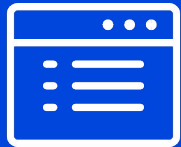


How to start - first steps



Citrix Product documentation

Section “Unicon eLux Scout” | <https://docs.citrix.com/en-us/unicon-elux-scout>



Register and download resources from myelux

<https://myelux.unicon.com/>



Request a Unicon specialist through your Citrix ATS

We're more than glad to help & support you on your journey with eLux & Scout

How to start

additional information



How to start - additional information



Requirements

Hard-and software requirements for Unicon products



Sources

Where and how to download the installation files



Manuals

Check out our online documentation within the Citrix Product documentation



Architecture

High level architecture overview

Requirements

Hard- and software requirements for our products



Requirements - Overview



Documentation

- ❑ [Citrix Product Documentation](#)
- ❑ [System requirements \(eLux\)](#)
- ❑ [System requirements \(Scout / ELIAS\)](#)
- ❑ [System requirements \(Scout Cloud Gateway\)](#)



Requirements (non-Unicon software)

- ❑ Windows Server 2022 or higher
- ❑ Microsoft SQL Server 2022 or higher
- ❑ Microsoft IIS including WebSocket Protocol
- ❑ Certificates (e.g. for Citrix access)



IP ports

- ❑ [Documentation: IP Ports](#)

Requirements - eLux 7



Minimum hardware requirements

- ❑ Processor: x86, 64-bit capable and powerful
- ❑ RAM: 4 GB
- ❑ HDD: 16 GB (8 GB are also supported, but only with limited functionalities)
- ❑ GPU: AMD or Intel chipset
- ❑ Network: Ethernet or WLA
- ❑ I/O ports: USB 3.0 or USB 2.0, USB boot support
- ❑ Resolution: 1920 x 1080 (Full HD)
- ❑ Boot mode: UEFI

Hardware compatibility list can be found myelux.com under each release of eLux 7

Requirements - Scout (Board)



Requirements Windows system

- ❑ Scout Server & Scout Console: Windows Server 2019 or newer
- ❑ RAM: 16 GB
- ❑ HDD: 50 GB free disk space
- ❑ MS .NET Framework 4.5.1 or later
- ❑ Suitable ODBC driver
- ❑ 600 MB hard disk space



Requirements database

- ❑ MS SQL Server 2019 or newer
- ❑ MS SQL Server Express

Requirements - ELIAS



ELIAS and MongoDB on one system

- ❑ RAM: 8 GB minimum
- ❑ HDD: 30 GB (depending on container installations)
- ❑ Microsoft Windows Server 2022 (or higher) or Linux Server Ubuntu 22.04
- ❑ Microsoft Internet Information Service (IIS) including WebSocket Protocol for automatic page refresh
- ❑ Web browser
 - ❑ Mozilla Firefox
 - ❑ Microsoft Edge
 - ❑ Google Chrome



ELIAS minimum requirements

- ❑ RAM: 6 GB minimum
- ❑ HDD: 10 GB

Requirements - Scout Cloud Gateway



System requirements

- ❑ Processor: 4 CPUs
- ❑ RAM: 8 GB RAM
- ❑ HDD: 24 GB

Virtualization platform such as VMware to install a virtual appliance via an .ova template

or

Configured Debian Linux system, Ubuntu 22.04 recommended



Network

- ❑ One IP address in the VPN address range for each connected eLux device
- ❑ Internal HTTPS access to the SCG WebAdmin interface (Interface for configuration and management)
- ❑ Bi-directional connection (via network card or firewall rules) of eLux devices to the Scout Server and of the Scout Cloud Gateway to the Identity provider

Requirements - Scout Cloud Gateway



Availability from the Internet

Management protocol between eLux and Scout Server

- ❑ For connecting the devices, the SCG server should be reachable from the Internet as FQDN. The default port for communication is 22125
- ❑ If you are running multiple SCG instances in a cluster, we recommend that you distribute the requests to the different instances via router

VPN port for connecting devices

- ❑ For cluster operation:
Each SCG instance requires a unique combination of FQDN and port for its VPN server.
- ❑ The administrator performs the configuration in the SCG WebAdmin interface, see Gateways



Internal availability

- ❑ HTTPS port **443** for connecting the WebAdmin interface (configuration, clustering, management)
- ❑ If Active Directory or Keycloak is used, the servers must be reachable
- ❑ Only virtual machines (.ova):
port 22 for access via SSH to the instance for administrative access (optional)
- ❑ **For cluster operation:**
MongoDB port 27017 for internal communication of the databases across the SCG instances

Sources

Download installation sources from myelux



Sources - Overview



myelux.com

Sign up for Unicon myelux Partner and Customer Portal <https://myelux.unicon.com/>

Download sources from Unicon App Store <https://myelux.unicon.com/downloads>



Download links are available on the next slide

Sources



Scout

<https://myelux.unicon.com/downloads/scout/detail/scout-enterprise-management-suite>

eLux

<https://myelux.unicon.com/downloads/elux-software-packages>

ELIAS

<https://myelux.unicon.com/downloads/scout/detail/scout-enterprise-elias>

eLux Software Packages

<https://myelux.unicon.com/downloads/elux-software-packages>

eLux (USB Stick Image)

<https://myelux.unicon.com/downloads/elux-usb-stick-images>

eLux (Portable)

<https://myelux.unicon.com/downloads/elux-portable>

StickWizz

<https://myelux.unicon.com/downloads/tools/detail/stickwizz>

Scout Cloud Gateway

<https://myelux.unicon.com/downloads/scg>

Citrix Documentation

Online documentation and manuals



Manuals



Scout / Scout Board

[Overview](#) | [Scout Enterprise Management Suite](#)

[Overview](#) | [Scout Board](#)

eLux

[Overview and general information](#) | [eLux 7](#)

ELIAS

[Overview](#) | [ELIAS](#)

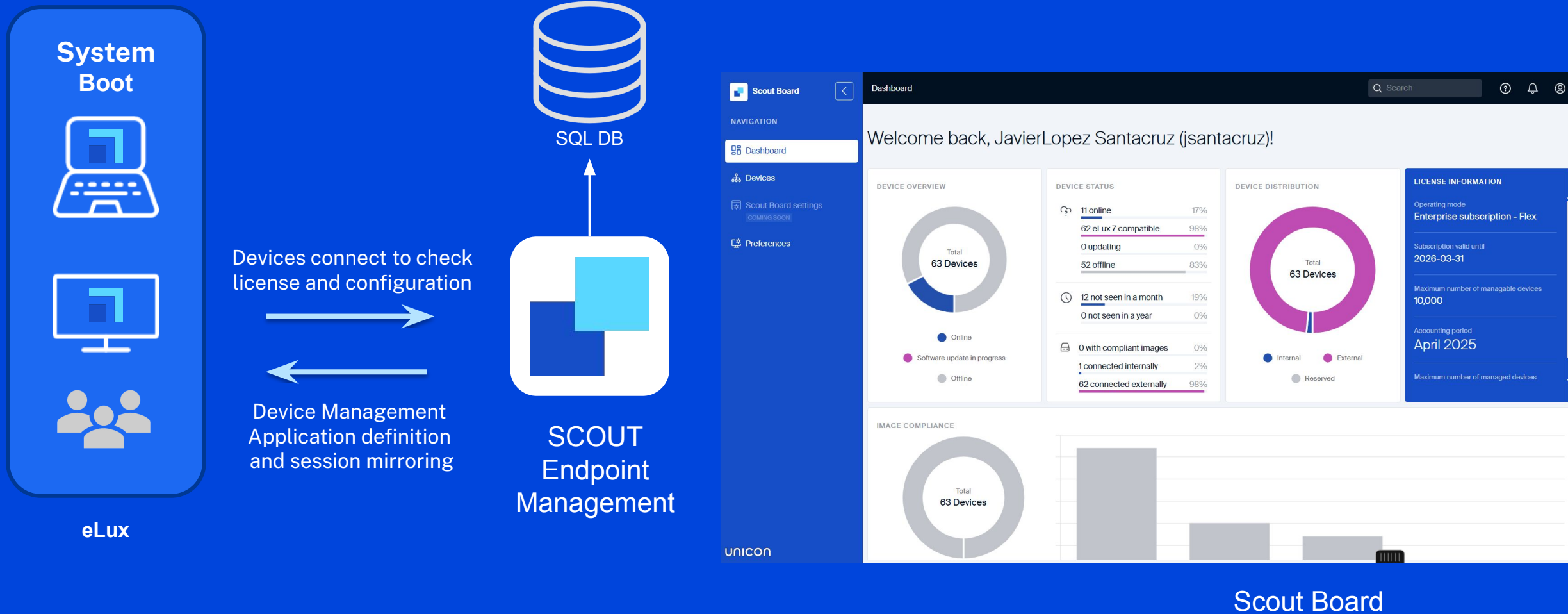
Scout Cloud Gateway

[Overview](#) | [Scout Cloud Gateway](#)

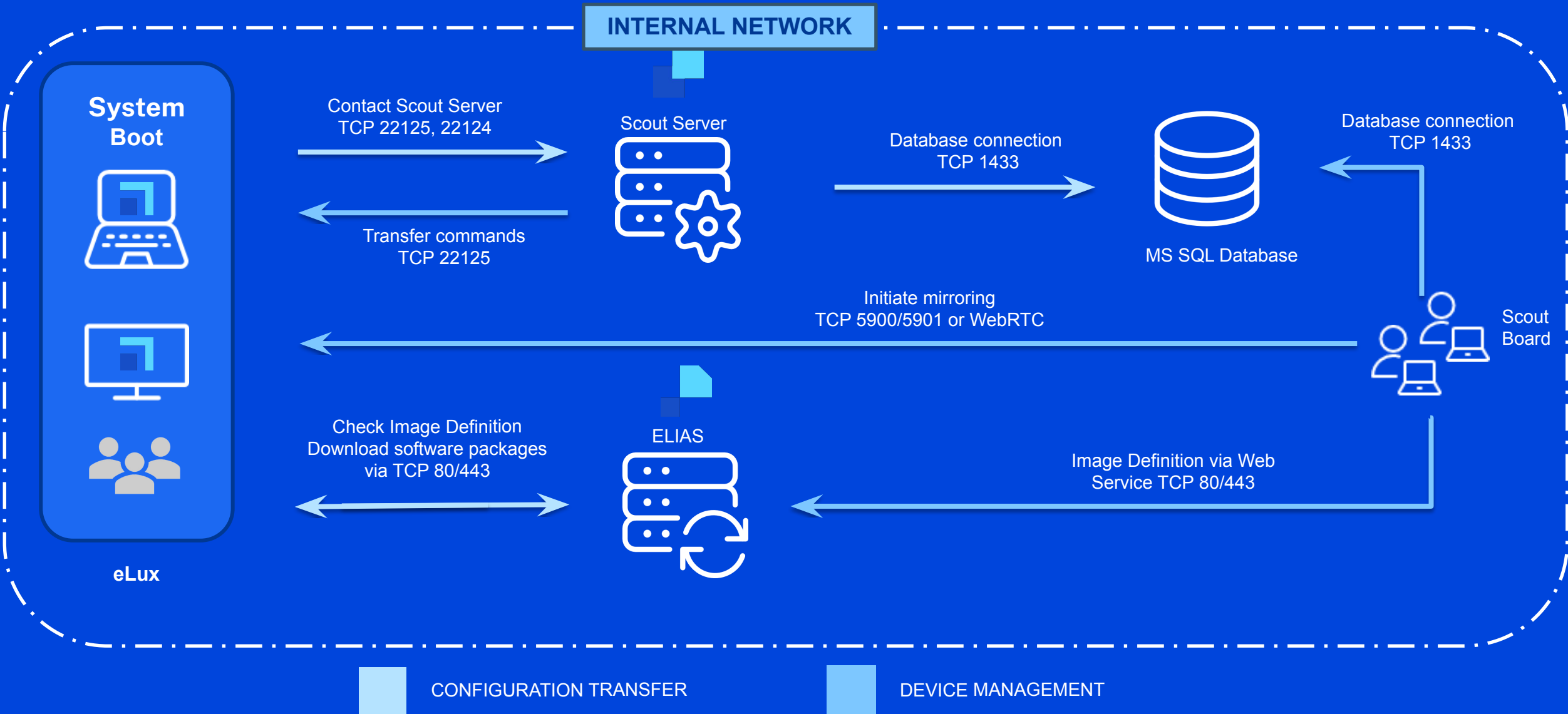
Architecture



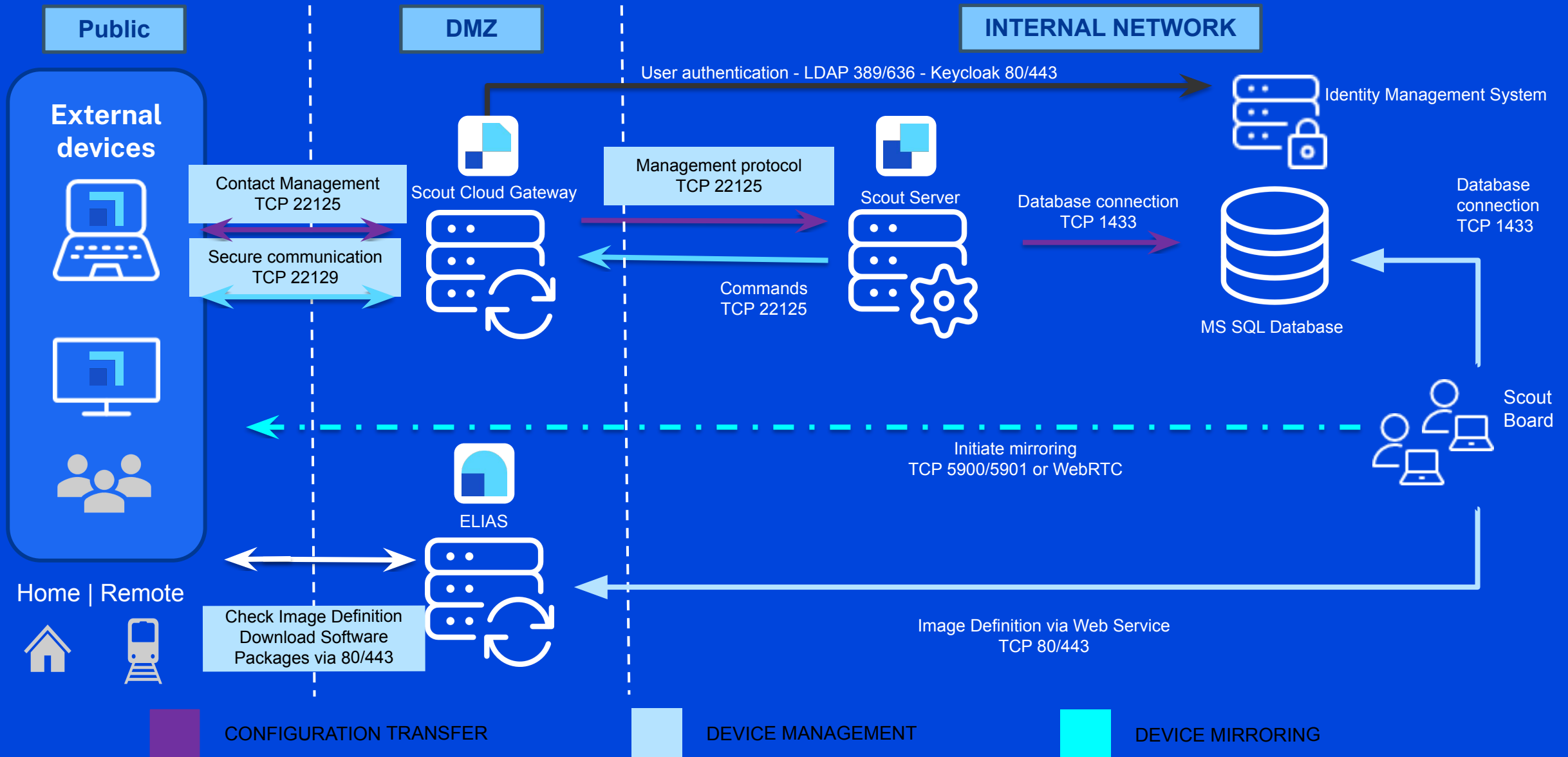
eLux & Scout | High Level Architecture



eLux & Scout Management | Technical Details



eLux & Scout Management Secured Architecture





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