cloud™
SOFTWARE GROUP

Unicon - How to Start
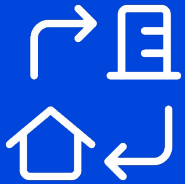
How to start

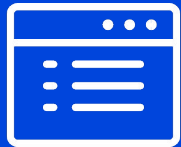First steps

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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

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How to start

additional information

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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

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Requirements

Hard-and software requirements for our products

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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](#)

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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

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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

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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

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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

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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

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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

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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

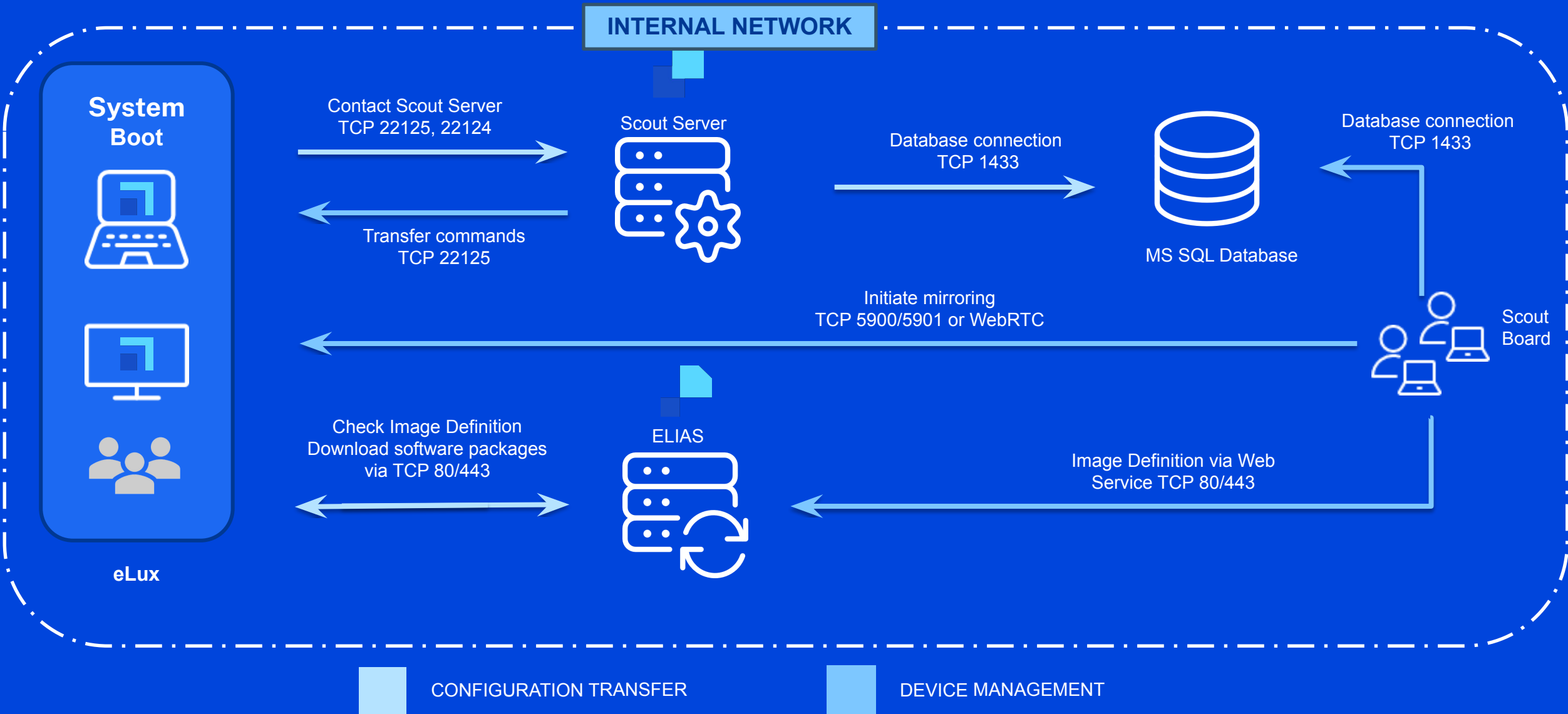citrix

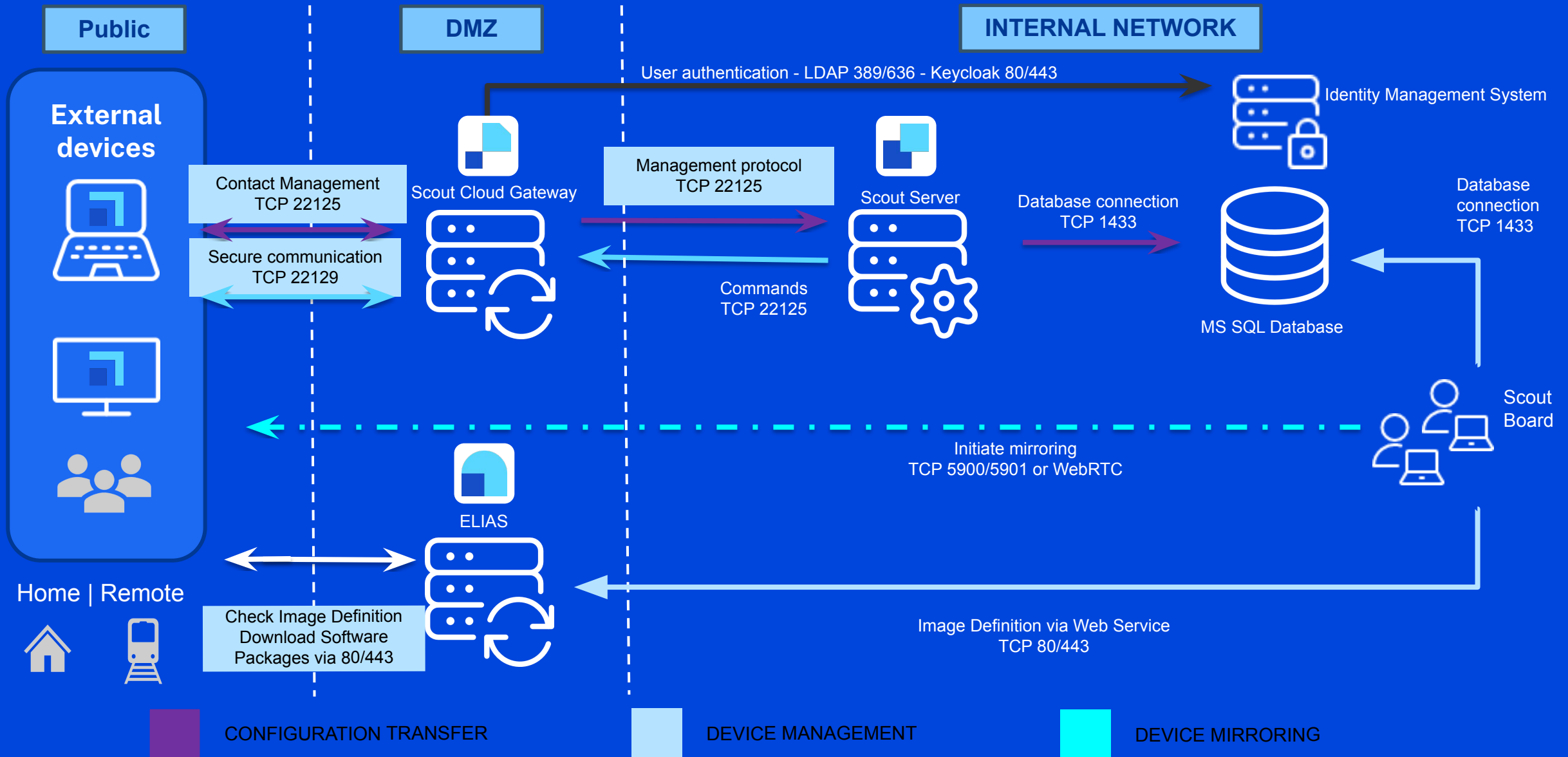# eLux & Scout | High Level Architecture

System Boot

eLux

Devices connect to check license and configuration →

← Device Management Application definition and session mirroring

SQL DB

SCOUT Endpoint Management

Scout Board
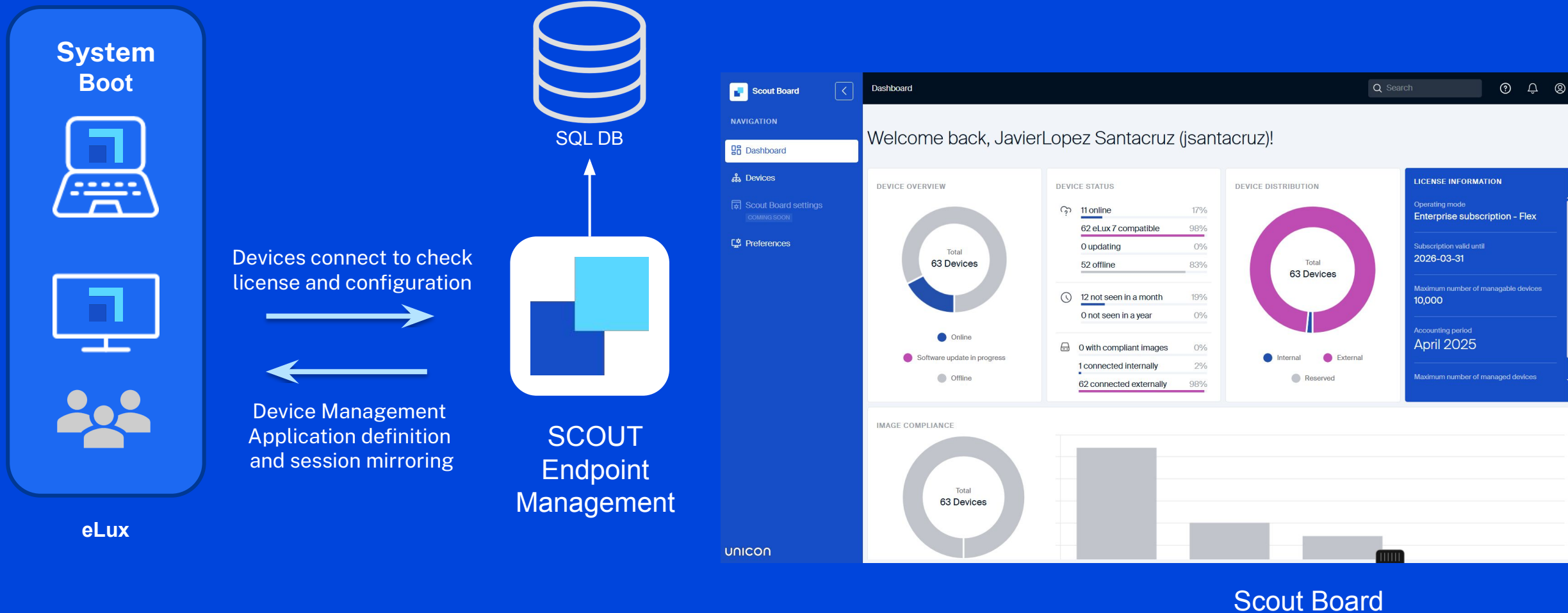
eLux & Scout Management Secured Architecture

Public

DMZ

INTERNAL NETWORK

External devices

User authentication - LDAP 389/636 - Keycloak 80/443

Identity Management System

Contact Management
TCP 22125

Scout Cloud Gateway

Management protocol
TCP 22125

Scout Server

Database connection
TCP 1433

Database connection
TCP 1433

Secure communication
TCP 22129

Commands
TCP 22125

MS SQL Database

Scout Board

Initiate mirroring
TCP 5900/5901 or WebRTC

ELIAS

Home | Remote

Check Image Definition
Download Software
Packages via 80/443

Image Definition via Web Service
TCP 80/443

CONFIGURATION TRANSFER

DEVICE MANAGEMENT

DEVICE MIRRORING

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