

# Mac-Lab<sup>™</sup> | CardioLab<sup>™</sup> | AltiX Edition

Cybersecurity



Power Up Workflows. Lock Down Data.

# Secure.

Secure means secure. Period. Data privacy and cyber security are non-negotiable, no matter how many users, points of data entry, or care pathways.

**Heighten data privacy and security** across the IT environment through **data encryption** and a more **secure log in** process while introducing a more flexible approach to **addressing security needs.** 

#### **Upgraded login authentication**

heightens and simplifies data security, the system defines administrative rights at the windows level for optimal ease and outcomes. The **updated antivirus/antimalware** security provides you control of your own data and system security, with the flexibility to work with your preferred software.

This advanced model can **encrypt data**, whether at rest on your system or in motion across networks, protecting clinical data privacy for cybersecurity across network interfaces.



Mac-Lab | CardioLab AltiX is built on the foundation of **Microsoft's Windows 10 Secure Baseline.** 



## **Turn-Key Software Versions**

#### **Current Versions Supported**

- Anti-virus: McAfee VirusScan Enterprise 8.8 Patch 12, Symantec EndPoint Protection 14.0.1, McAfee ePolicy Orchestrator 5.9 with McAfee VirusScan Enterprise 8.8 Patch 12, Trend Micro OfficeScan XG SP1. Windows Defender
- Microsoft Internet Explorer 11
- Microsoft SQL Server 2017
- Windows Server 2016 (Required OS to install INW Server)
- Windows 10 64-bit LTSB (Acquisition and Clients)
- Microsoft Office 2016 (Acquisition, Clients, Software Only Client) / Office 365 (Software Only Client)
- Windows 7 64-bit (Software Only Client)



- Monthly Security patches analysis
- Microsoft rollups and other applicable patch qualification three times per year
- Critical vulnerabilities qualified sooner (e.g. Wannacry/Petya)



Please reference the GE Security Website for additional information

www.gehealthcare.co.uk/products/ cybersecurity

### Flexible Antivirus / Antimalware Solutions

Mac-Lab | CardioLab AltiX allows for a user-driven checkout procedure and provides a more flexible approach to antivirus/antimalware installation.

# A true differentiator that gives you the flexibility to chose the software best for your facility

\*All benefits may not be available at installation



## Antivirus/Antimalware installation guidance on MLCL security website

- Use the software of your choice within the guidance rules of checkout procedure
- Either antivirus/antimalware or Whitelisting acceptable if configured to guidance
- Checkout procedure performed by service to ensure MLCL functionality stays intact

### Turn-key Antivirus/Antimalware Solutions Instructions on MLCL Security Web

- Detailed install/config instructions provided for most popular AV (same AV as previous versions)
- Microsoft Device Guard whitelisting detailed config instructions provided for MLCL Acquisition systems

# Increased Security – Data Encryption in motion and at rest

**Keeping patient data secure,** Mac-Lab | CardioLab AltiX provides data encryption both in motion and at rest.

#### **Data Encryption In Motion**

Any data in motion across the network can be encrypted (DICOM, HL7, SQL and Study Data)

• DICOM and HL7 data encryption is configurable

#### **Data Encryption At Rest**

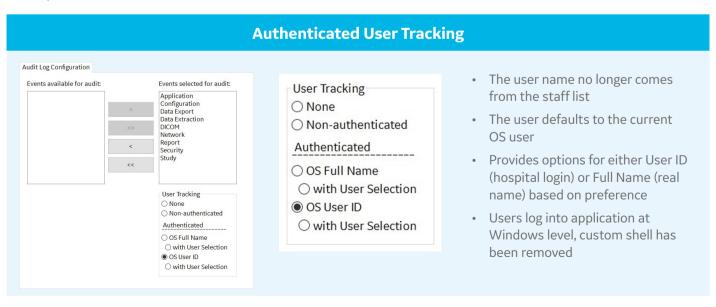
Any data that remains on the hard disk can be encrypted

- Acquisition hard drive is also separately encrypted
- · Applies to study data on both the acquisition and INW server



# Increased Security – User Log in and User Tracking

**Keeping security one of our main priorities,** Mac-Lab | CardioLab AltiX provides new authenticated user tracking on all systems.





#### **Data Encryption At Rest**

Securely store, print and display any medical data on the hard disk, acquisition drive and the INW server.



#### Antivirus / Antimalware Solutions

Mac-Lab | CardioLab AltiX provides a more flexible approach to antivirus/antimalware installation.

A true differentiator that will give you the flexibility to chose the software best for your facility

# User Tracking None Non-authenticated Authenticated OS Full Name with User Selection OS User ID with User Selection

#### User Log in and User Tracking

Keeping security one of our main priorities, Mac-Lab | CardioLab AltiX provides new authenticated user tracking on all systems.

Users log in at the windows level, customized with established hospital logins



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