Global System Requirements

LUMEDX Corporation
555 12th Street
Suite 2060
Oakland, California 94607 USA

Tel 800.966.0699

www.lumedx.com

REVISION HISTORY		
Revision	**Date**	**Description**
103-00994-029	1/18/2021	Updated .NET Framework requirements for HVA Integration Runtime, added HealthView Analytics – On-Premises Deployment section.
103-00994-028	10/7/2020	Changed layout, format, and content. Modified to include requirements for hosted SaaS systems and removed server specifications for CVIS solution. All CVIS system requirements are customized per site and included in the Solution Plan document provided to the customer.
103-00994-027	07/23/2020	Updated Visual Studio requirements, added SSL certificate to Medical Copilot requirements, updated COMPACS requirements.
103-00994-026	03/05/2020	Removed support for Windows Server 2008 R2.
103-00994-025	01/31/2020	Added support for Windows Server 2019, SQL Server 2019. Reinstated the requirement for .NET 3.0 and 2.0 for the Interface and HealthView servers. Updated UPS requirement for HealthView CardioPACS Enterprise Server.

REVISION HISTORY		
Revision	**Date**	**Description**
103-00994-024	08/28/2019	Removed SQL Server 2008 R2, added support for Windows Server 2016 for ComPACS, updated the Integration Runtime Server to require 16 GB RAM.
103-00994-023	03/27/2019	Added support for Windows Server 2016 and Office 2016 to the Citrix Server, Visual Studio 2017, Office 365, updated HealthView CardioPACS and ECG Manager requirement for .NET, added Medical Copilot requirement to the Web Server.
103-00994-022	11/29/2018	Updated Visual Studio and .NET requirements for the client workstations using Report Editors LXDocumentView Control.
103-00994-021	10/25/2018	HealthView Analytics removed from the SQL Reporting Server, updated Migration Server requirements for .NET, Visual Studio, and SQL Server.

Contents

> **Caution: possible delays in therapy.**
>
> - The Client is expected to:
>   - Ensure that at least two persons at the Client facility are knowledgeable LUMEDX System Administrators.
>   - Have at least two LUMEDX workstations onsite that meet the minimum system requirements in this document. This redundancy allows users to immediately move to another workstation if workstation problems are encountered.
> - If this system is considered mission-critical by the Client, provision of a redundant Internet infrastructure to reduce the risk of loss of connectivity is highly recommended.

HEALTHVIEW ANALYTICS – LUMEDX HOSTED

HealthView Analytics Integration Runtime Server

Requirements:

- Microsoft Windows Server 2019 or Windows 10

- 2 GHz 4 cores

- 16 GB RAM

- 100 GB HDD

- Microsoft .NET Framework 4.7.2 or later

- Microsoft Integration Runtime server

- **Application software installed:** LUMEDX HealthView Analytics configuration utility, LUMEDX TCPIP Receive Client when HL7 data is consumed

For additional technical information about network and open port requirements, see [Create and configure a self-hosted integration runtime](). For details about single sign-on (SSO) support and configuration, refer to the *HealthView Analytics Customer Active Directory Configuration Guide.*

HealthView Analytics – Client

Requirements:

- Any computing device that can run the Microsoft Edge, Google Chrome

- **Application software installed:** none

HealthView Analytics Developer Workstation

A HealthView Analytics developer workstation is only needed for users who want to modify or develop HealthView Analytics dashboards.

Requirements:

- Microsoft Windows 10, 64-bit

- Dual cores

- 32 GB RAM

- 100 GB HDD

- **Application software installed:** Microsoft Edge, Google Chrome, Microsoft Power BI Desktop. To learn more about Power BI Desktop, see What is Power BI Desktop?

HEALTHVIEW REGISTRIES – LUMEDX HOSTED

HealthView Secure Transport Server

Requirements:

- Microsoft Windows Server 2019

- 2 GHz, 4 cores

- 16 GB RAM

- 200 GB HDD partition for LUMEDX applications

- Microsoft .NET Framework 3.0 and 2.0

- Server should be able to connect to remote hosts on ports 80 and 443

- An internet connection with a download speed of at least 25 Mbps

- **Application software installed:** LUMEDX Transport Client, LUMEDX TCPIP Receive Client

Integration Runtime Server

Requirements:

- Microsoft Windows Server 2019 or Windows 10

- 2 GHz, 4 cores

- 16 GB RAM

- 100 GB HDD

- Microsoft .NET 4.6.1 or later

- Microsoft Integration Runtime

- **Application software installed:** LUMEDX TCPIP Receive Client when HL7 data is consumed

For additional technical information about network and open port requirements, see Create and configure a self-hosted integration runtime. For details about single sign-on (SSO) support and configuration, refer to the *HealthView Analytics Customer Active Directory Configuration Guide.*

HealthView Registries – Client

Requirements:

- Microsoft Windows 10, 64-bit

- Dual cores

- 8 GB RAM

- 100 GB HDD

- Microsoft .NET Framework 4.6.1

- Microsoft Internet Explorer 11

- Citrix Receiver client

- Client should be able to connect to remote hosts on ports 80 and 443

- An internet connection with a download speed of at least 25 Mbps

- **Application software installed:** LUMEDX HealthView plug-ins

HEALTHVIEW REGISTRIES – ON-PREMISES DEPLOYMENT

Apollo Database Server

Requirements:

- Microsoft Windows Server 2019

- 2 GHz, 4-8 cores

- 16-64 GB RAM

- 500 GB HDD partition for LUMEDX Apollo database

- Microsoft SQL Server 2019 standard edition: Database Engine, Integration Services, Workstation components

- **Application software installed:** LUMEDX Apollo database

Web Server

Requirements:

- Microsoft Windows Server 2019

- 2GHz, 4 cores

- 32 GB RAM

- 200 GB HDD partition for LUMEDX applications

- Microsoft Internet Information Services (IIS) 7.5 or later

- Microsoft .NET Core 2.2 Runtime and Hosting bundle

- **Application software installed:** HealthView Registries Platform

Interface Server

Requirements:

- Microsoft Windows Server 2019

- 2 GHz, 4 cores

- 32 GB RAM

- 500 GB HDD partition for LUMEDX applications

- Microsoft .NET Framework 3.0 and 2.0

- Microsoft Office 2016 32-bit with Access, Excel, Word, and Tools components

- Microsoft SQL Server Workstation Components with the same Service Pack as the HealthView Database Server

- Microsoft Distributed Transaction Coordinator (MSDTC) service *must be disabled*

- **Application software installed:** LUMEDX HIE platform and interfaces, LUMEDX AIE platform and interfaces; maximum of 10 interfaces per server

Integration Runtime Server

Requirements:

- Microsoft Windows Server 2019 or Windows 10

- 2 GHz, 4 cores

- 16 GB RAM

- 100 GB HDD

- Microsoft .NET Framework 4.6.1 or later

- Microsoft Integration Runtime

- **Application software installed:** LUMEDX TCPIP Receive Client when HL7 data is consumed

For additional technical information about network and open port requirements, see [Create and configure a self-hosted integration runtime](#). For details about single sign-on (SSO) support and configuration, refer to the *HealthView Analytics Customer Active Directory Configuration Guide.*

Please contact your Solution Architect for final specifications, and to determine if a high-availability configuration, such as SQL clustering, is needed.

HealthView Registries – Client

Requirements:

- Microsoft Windows 10, 64-bit

- Dual cores

- 8 GB RAM

- 100 GB HDD

- Microsoft .NET Framework 4.6.1

- Microsoft Internet Explorer 11

- **Application software installed:** LUMEDX HealthView plug-ins, Citrix Receiver

HealthView Registries Admin Workstation

Requirements:

- Microsoft Windows 10, 64-bit

- Dual cores

- 8 GB RAM

- 200 GB HDD

- Microsoft .NET Framework 4.6.1, 4.0, and 3.5

- Microsoft Office 2016 32-bit with Access, Excel, Word, and Tools components

- Microsoft Visual Studio 2017 for users who want to build custom forms

- All servers and clients connected on a 100 Mbps to 1 Gbps network

- **Application software installed:** LUMEDX Apollo Advance with Toolkit enabled, LUMEDX ApolloLX, LUMEDX Toolkit

HEALTHVIEW ANALYTICS – ON-PREMISES DEPLOYMENT

HealthView Analytics Integration Runtime Server

Requirements:

- Microsoft Windows Server 2019 or Windows 10

- 2 GHz 4 cores

- 16 GB RAM

- 100 GB HDD

- Microsoft .NET Framework 4.7.2 or later

- Microsoft Integration Runtime server

- **Application software installed:** LUMEDX HealthView Analytics configuration utility, LUMEDX TCPIP Receive Client when HL7 data is consumed

For additional technical information about network and open port requirements, see Create and configure a self-hosted integration runtime. For details about single sign-on (SSO) support and configuration, refer to the *HealthView Analytics Customer Active Directory Configuration Guide.*

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- **Application software installed:** none

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Requirements:

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- Dual cores

- 32 GB RAM

- 100 GB HDD

- **Application software installed:** Microsoft Edge, Google Chrome, Microsoft Power BI Desktop. To learn more about Power BI Desktop, see What is Power BI Desktop?

HEALTHVIEW CVIS – ON-PREMISES DEPLOYMENT

System requirements for LUMEDX HealthView CVIS solutions are customized for each site. Please contact your LUMEDX Solution Architect or refer to the Solution Plan provided for the system requirements for your HealthView CVIS solution.