Plantweb™ Optics v1.6

System Requirements

This document contains the system requirements for Plantweb Optics, Plantweb Optics Historian, the Connector Service, the Proxy, and other specifications that include browser support.

Note
Plantweb Optics no longer supports the Internet Explorer browser. Plantweb Optics supports the current versions of Chrome and Microsoft Edge Chromium.

Plantweb Optics Server Requirements

Operating System	Windows Server 2019 Datacenter Windows Server 2019 Standard Windows Server 2016 Datacenter Windows Server 2016 Standard
CPU Architecture	64-bit
Microsoft SQL Server	MS SQL Server 2019 (recommended) MS SQL Server 2019 Express Edition (supported) MS SQL Server 2017 (supported for Tier 2 deployment) MS SQL Server 2017 Express Edition (supported for Tier 2 deployment)
Processor	3.2 GHz, 8-core processor, Intel Xeon-scalable or faster (recommended) 2.4 GHz, 4-core processor, Intel Xeon-scalable or faster (minimum)
Memory (RAM)	32 GB (recommended) 16 GB (minimum)
Hard Drive	SSD hard drive (recommended) SAS hard drive (10K RPM) (minimum)
Available Disk Space	100 GB (minimum)

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Plantweb Optics Historian/Plantweb Optics OPC UA Server

Operating System	Windows Server 2019 Datacenter
	Windows Server 2019 Standard
	Windows Server 2016 Datacenter
	Windows Server 2016 Standard
	Windows Server 2012 R2 Datacenter
	Windows Server 2012 R2 Standard
CPU Architecture	64-bit
Processor	2.4 GHz, 4-core processor, Intel Xeon-scalable or faster
Memory	32 GB
Hard Drive	SAS hard drive (10K RPM)
Available Disk Space	100 GB (minimum)

Plantweb Optics Client Station

Plantweb Optics clients can run on any computer system as long as it has the supported internet browsers installed and the network is connected to the Plantweb Optics server.

Connector Service Requirements

Operating System	Windows 10 Pro
	Windows 10 Enterprise
	Windows 10 IoT Enterprise 2016 LTSB (64-bit)
	Windows Server 2019 Datacenter
	Windows Server 2019 Standard
	Windows Server 2016 Datacenter
	Windows Server 2016 Standard
CPU Architecture	64-bit
Processor	2.4 GHz, 4-core processor, Intel Core i5, or better
Memory	4 GB (supported)
	8 GB (recommended)
Hard Drive	SATA (supported)
	SATA or better (recommended)
Available Disk Space	20 GB (supported)
	100 GB (recommended)
Internet Information Services (IIS)	v8.5, v10 (supplied with OS)
Network	1 x 1GB NIC

Proxy Requirements

Operating System	Windows 10 Pro
	Windows 10 Enterprise
	Windows 10 IoT Enterprise 2016 LTSB (64-bit)
	Windows Server 2019 Datacenter
	Windows Server 2019 Standard
	Windows Server 2016 Datacenter
	Windows Server 2016 Standard
CPU Architecture	64-bit
Processor	2.4 GHz, 2-Core processor, Intel Core i3, or better
Memory	2 GB RAM
Hard Drive	SATA (supported)
	SATA or better (recommended)
Available Disk Space	20 GB
Internet Information Services (IIS)	v8.5, v10 (supplied with OS)
Network	1 x 1GB NIC

Additional Specifications

Browser	Google Chrome v65 or later (recommended) Microsoft Edge Chromium
Ethernet	One or more Ethernet ports (1GB NIC)
Internet Connectivity	A high-speed internet connection is recommended to download installations and patches, register software, and receive alerts and messages on the mobile application.
Screen Resolution	Minimum: SXGA (1280 x 1024 pixels)
Supported Antivirus Software	Symantec™ Endpoint Protection
	McAfee™ Endpoint
	Norton™ Security with Backup
Supported Virtualization	VMware 6 up to 6.7
	Hyper-V 2012, 2016

Notes

Computers with Plantweb Optics components installed must have:

- system clocks synchronized.

- date/time in the same 12-hr or 24-hr format.

System clock discrepancies can block communication (Many third-party tools are available to synchronize system clocks.). System clocks do not need to be synchronized for Mobile applications or PCs with browser-only access.

Plantweb Optics Mobile and Augmented Reality (AR) Requirements

Item	Plantweb Optics Mobile	Plantweb Optics AR Mobile
Common Phone and Tablet models	iPhone 6s or later iPad Mini 4 (2015) or later	iPhone 8 or later iPad Mini (2019) or later
	Multiple Android mobile devices and tablets can support the Plantweb Optics and the Plantweb Optics AR mobile apps. For a list of the Android devices that may support both Plantweb Optics apps, go here: **https://web.plantwebopticsar.com/support/android**	
Memory (RAM)	2 GB RAM or higher	3GB or higher
Processor	Dual-core 1.84 GHz or higher	Quad-core 2.34 GHz or higher
Operating System	iOS 11.3 or later Android 9.0 or later	

Note

- Other mobile phone models may work if the memory, processor, and operating system requirements meet the required minimum specifications.

- Customers using both the Plantweb Optics Mobile and the Plantweb Optics AR Mobile should use the Plantweb Optics AR Mobile specifications.

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