

Agilent OpenLab Shared Services Server v2.5

Site Preparation Checklist

Thank you for purchasing Agilent software. To get you started and to assure a successful and timely installation, please refer to this specification or set of requirements.

Correct site preparation is the key first step in ensuring that your instruments and software systems operate reliably over an extended lifetime. This document is an information guide and checklist prepared for you that outlines the supplies, consumables, space, and utility requirements for your equipment.

Introduction

Customer Responsibilities

Ensure that your site meets the following specifications before the installation date. For details, see specific sections within this checklist, including:

- The computing environment and the necessary space is made available.
- The number and location of electrical outlets for your computer systems and peripherals are planned.
- That your site meets the following software, hardware, and networking specifications.
- Locate your sales order information, software authorization codes, and/or software licenses/certificates.
- The necessary software media, disks etc. are available including upgrade/update disks.
- That a suitable backup solution is identified for your software.
- If Agilent is delivering Installation and Familiarization services, users of the instrument should be present throughout these services. Otherwise, they will miss important operational, maintenance, and safety information.
- Availability of a system/network administrator as needed to connect to your intranet.
- Please refer to the *Agilent OpenLab Server and OpenLab ECM XT Hardware and Software Requirements Guide* (**ECM_XT_HardwareSoftwareRequirements.pdf**) for additional information.

Customer Information

- 1 If you have questions or problems in providing anything described as a Customer Responsibility, please contact your local Agilent or partner support service organization for assistance before delivery. In addition, Agilent and/or its partners reserve the right to reschedule the installation dependent upon the readiness of your site.
- 2 Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to re-arrange any services that have been purchased.
- 3 Other optional services such as extra training, operational qualification (OQ), and consultation for user-specific applications may also be provided at the time of installation. Please discuss with your Agilent Sales representative before the installation is scheduled.

Important Customer Web Links

- Videos about specific preparation requirements for your software can be found by searching the *Agilent YouTube* channel at <https://www.youtube.com/user/agilent>
- To access *Agilent University*, visit <http://www.agilent.com/crosslab/university/> to learn about training options, which include online, classroom and onsite delivery. A training specialist can work directly with you to help determine your best options.
- A useful *Agilent Resource Center* web page is available, which includes short videos on maintenance, quick lists of consumables for new instruments, and other valuable information. Check out the Resource Page here: <https://www.agilent.com/en-us/agilentresources>
- Need technical support, FAQs, supplies? – visit our *Support Home page* at <http://www.agilent.com/en/support>
- Microsoft Hardware Compatibility List: <https://sysdev.microsoft.com/en-us/Hardware/lpl/>
- Links to specific O/S fixes, updates needed: <http://support.microsoft.com/>
- Get answers. Share insights. Build connections:
Join the Agilent Community at <https://community.agilent.com/welcome>

Site Preparation

Software Specifications for Workstations, Clients and Servers

Special notes

- 4 See the *Agilent OpenLab Server and OpenLab ECM XT Hardware and Software Requirements Guide (ECM_XT_HardwareSoftwareRequirements.pdf)* for additional information on the following:
- Licensing
 - Virtual machines
 - Language compatibility

Specification Description	Server System
Operating system	Windows Server 2016 Standard or Datacenter Edition Windows Server 2016 Standard or Datacenter Edition
Databases	MS SQL Server 2014 Standard or Enterprise (64-bit) MS SQL Server 2016 Standard or Enterprise (64-bit) MS SQL Server 2017 Standard or Enterprise (64-bit) MS SQL Server 2019 Standard or Enterprise (64-bit) PostgreSQL Server 11.5 Oracle 12c R2 Oracle 18c
Internet browsers	Internet Explorer 11 (Active scripting needs to be enabled for accessing the OpenLab ECM XT website) Microsoft Edge Google Chrome
.NET Framework	Microsoft .Net Framework 3.5 with Service Pack 1 and Microsoft .NET Framework 4.x. (if needed, it will be installed automatically by the OpenLab installer).
Other software	PDF reader

Computer Hardware Specifications for Workstations, Clients and Servers

Special notes

- 1 Recommended Hardware for a Shared Services Server system
- 2 Agilent recommends a server dedicated to OpenLab Shared Services Server as the host machine

Specification Description	OpenLab Shared Services Server
Processor type and speed	1 x 3 GHz Dual core
Memory	12 GB
Disk (OS and software)	2 x (100 GB 7.2 K rpm RAID 1)
Disk (Data)	2 x (100 GB 7.2 K rpm RAID 1)
Network	1 GB

Networking Specifications

Special notes

- 1 OpenLab Shared Services Server uses standard TCP/IP protocols to communicate between the server and client computers. For optimum performance, the network must meet the design criteria for available bandwidth, IP address assignment, name resolution, and appropriate isolation of the lab subnet from the corporate network.
- 2 TCP/IP networking is required for all products.
- 3 Wide Area Networks (WANs) are not supported.
- 4 See the Hardware and Software Requirements Guide for additional information on the following:
 - a Communication method
 - b LAN power management
 - c Requirements for a compliant system
 - d Domain guidelines
 - e Network isolation
 - f Firewall settings: If an external Firewall is used, the ports need to be opened by the customer IT Department.

ECM 3.x Compatibility

OpenLab Shared Services Server 2.5 is compatible with the following ECM Systems.

- ECM 3.5 Update 6
- ECM 3.6