

## Agilent CrossLab Start Up Services

# Agilent OpenLab ChemStation LTS 01.11 Software Site Preparation Checklist - Workstation

Thank you for purchasing software from **Agilent Technologies**. CrossLab Start Up is focused on helping customers shorten the time it takes to start realizing the full value of their instrument system investment.

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 software requirements for the system set up in your lab.

# Introduction

## Customer Information

- If you have questions or problems in providing anything described as part of Customer Responsibilities below, please contact your local Agilent or partner support / service organization for assistance prior to delivery. In addition, Agilent and/or its partners reserve the right to reschedule the installation dependent upon the readiness of your laboratory.
- Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to re-schedule any services that have been purchased.
- Other optional services such as additional training, operational qualification (OQ) and consultation for user-specific applications may also be provided at the time of installation when ordered with the system but should be contracted separately.

## 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.
- Your site meets the **software, hardware, and networking specifications** described later in this document.
- Locate your **sales order information**, software authorization codes, and/or software licenses/certificates.
- Check for Hotfix, Microsoft updates, and patch compatibility appropriate for the customer's system. **Critical Note: Current Microsoft updates and Windows version must be installed in the customer provided PC before installation can begin.**
- 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 Introduction services**, users of the instrument system 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 consult the **Special Requirements** section for other product-specific information.
- The System Preparation Tool (SPT) checks and updates many of the required Windows system settings for OpenLab ChemStation to ensure proper installation and use of the product. Check the System Preparation Report for settings that need manually checked and updated.
- 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.

## Important Customer Web Links

- To access Agilent training and education, visit <http://www.agilent.com/chem/training> 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.
- To access the **Agilent Resource Center** web page, visit <https://www.agilent.com/en-us/agilentresources>. The following information topics are available:
  - Sample Prep and Containment
  - Chemical Standards
  - Analysis
  - Service and Support
  - Application Workflows
- The **Agilent Community** is an excellent place to get answers, collaborate with others about applications and Agilent products, and find in-depth documents and videos relevant to Agilent technologies. Visit <https://community.agilent.com/welcome>
- Videos about specific preparation requirements for your instrument can be found by searching the **Agilent YouTube** channel at <https://www.youtube.com/user/agilent>
- Maintenance & Repair: [Maintenance & Repair | Agilent](#)
- To access **Agilent SubscribeNet**, visit <https://agilent.subscribenet.com>. SubscribeNet is an online software and license delivery, update, and management service that provides you easy access to the latest versions of your software and licenses.
- To access the **Agilent Software Service Desk**, visit <https://servicedesk.li.agilent.com/plugins/servlet/desk>. Only users with an active Software

Maintenance Agreement (SMA) will be able to submit support requests and check the status of those requests.

- Software Status Bulletin (SSB) and Software Release Bulletin (SRB) are located under Disk2\Support\ on the installation media.
- Technical support: [Technical Support | Agilent](#)

## Site Preparation

### Software Specifications for Workstations

Specification Description	Details
<b>Operating System</b>	Windows 11, Enterprise or Professional, 64-bit Windows 10, Enterprise or Professional, 64-bit  CDS_CS_HW-SW-Requirements.pdf -> Chapter 2
<b>Regional settings/compatibility, Configuration details</b>	CDS_CS_Install-WS.pdf

### Special notes

- If you have purchased a system including hardware instrumentation, refer to the instrument Site Preparation Checklist for requirements regarding laboratory bench space requirements.

### Computer Hardware Specifications for Workstations, Clients, and Servers

Reference: CDS\_CS\_HW-SW-Requirements.pdf -> Chapter 1

Specification Description	Minimum
<b>Processor speed (CPU)</b>	3 GHz Dual Core
<b>Physical memory (RAM)</b>	4 GB (Windows 10, single instrument) 8 GB (Windows 10, multi-instrument, or MSD) 8 GB (Windows 11)
<b>Hard disc</b>	160 GB, SSD recommended (20 GB for the software plus disk space for data)

Specification Description	Minimum
<b>Graphic resolution</b>	17": 1280x1024 resolution (SXGA) (Recommended: 19", 1440 x 900) Scaling other than 100% are not supported. High resolution (e.g., 1920x1080) settings are not recommended.
<b>Removable media</b>	USB Port
<b>Pointing device</b>	Required, no support for touchscreen functionality
<b>Network</b>	100/1000 LAN 2nd LAN card required for house, to isolate the instrument's data traffic from the lab intranet connection.
<b>Printer</b>	High-capacity laser jet printer

## Networking Specifications

Reference: CDS\_CS\_HW-SW-Requirements.pdf -> Chapter 3

### Special notes

When using LAN communications to connect Workstation to an instrument, use one of these methods:

- Connect via an isolated switch using standard CAT-5 network cabling.
- LAN communication hardware should be 100/1000 mbps (or higher) speed capable.
- NIC teaming (See *Note 1*): LAN cards should not be teamed on Workstation.
- LAN communication must be on the same subnet as instruments, and preferably on the same segment.

*Note 1: Network Interface Card (NIC) teaming is also known as Load Balancing and Failover (LBFO)*

Specification Description	Supported
<b>Network type, bandwidth, speed, protocol etc.</b>	Internet Protocol Version 4 (TCP/IPv4) only <i>Internet Protocol Version 6 (TCP/IPv6) is not supported</i>
<b>IP Address</b>	Static or DHCP Reservation

## Special Requirements

- Check that a valid printer driver is installed on the system and a test page prints successfully.
- LAN Instrument Communication must be on the same subnet as instruments, and preferably on the same network segment.
- Instruments, workstations, and AICs should be installed in an isolated network or on a separate vLAN. A second network interface can be used to isolate the instrument traffic.
- If the customer uses a Firewall other than the Windows Firewall, ensure that all required ports can be used by OpenLab ChemStation.
- Refer to the CDS\_CS\_Instrument-support.pdf for supported instruments. Agilent recommends using the most recent firmware revisions to provide the highest level of system capability.

## Service Engineer Review (Optional)

### Service Engineer Comments

If the Service Engineer completed a review of the Site Preparation requirements with the customer, the Service Engineer should complete the following sections below.

If there are any specific points that should be noted as part of performing the service review or other items of interest for the customer, please write in this box.

## Site Preparation Verification

Service Request Number:

Date of Review:

Service Engineer Name:

Customer Name:

Service Engineer Signature:

Total number of pages in this document: