

## Agilent CrossLab Start Up Services

# Agilent ChemVista Database Manager and PCDL Software Site Preparation Checklist

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.
- ChemVista Database Manager can be installed as server with client on the same computer for single user or can be installed as server with client on the server computer for concurrent users. Once a Server with Client instance has been set up, client instances may be installed on other computers in the network to allow multiple users access to the same substance database. If you are interested in the server configuration, please make sure to establish the server computer and the intranet connection of the server to the client computers before the installation of ChemVista.

## 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>
- **Need to place a service call?** [Flexible Repair Options | Agilent](#)

# Site Preparation

## Software Specifications for Workstations, Clients, and Servers

### 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.
- Please establish the intranet between the server computer and client computers in case you wish to install the ChemVista on the server to be accessed by multiple users at the same time.

Software Specification Description	Minimum	Comments
<b>Operating system name, version</b>	Windows 10 and above	Officially supported operational systems are Windows 10 Enterprise (64-bit), Windows 10 Pro (64-bit), and Windows 11 Pro (64-bit). Windows server is not supported.
<b>Language settings/compatibility</b>	English	
<b>Regional settings/compatibility</b>	N/A	
<b>.NET Framework</b>	4.7.2	This is the runtime environment for the .NET Framework which is installed for client and server by ChemVista installer.
<b>SQL Server Compact Edition</b>	3.5	Provides database framework for the CDB format and being installed on the server by ChemVista installer.
<b>ChemVista postgresql Database System</b>	12.1	Provides database service for the ChemVista application which is installed for server by ChemVista installer.

## Computer Hardware Specifications for Workstations, Clients and Servers

### Special notes

Hardware Specification Description	Minimum	Recommended (if applicable)	Comments
<b>Processor type and speed</b>	Quad core processor (Z4G4 with Xeon Proc or similar)		
<b>Memory</b>	32GB RAM		
<b>Internal storage/peripherals/media</b>	1TB SSD, flexible HDD		
<b>External storage/ peripherals /media</b>	No specific requirements		
<b>Video peripherals</b>	No specific requirements		
<b>Audio peripherals</b>	No specific requirements		
<b>Printing peripherals</b>	No specific requirements		
<b>Pointing peripherals</b>	No specific requirements		

## Networking Specifications

### Special notes

- Intranet required for client/server communication (distributed configuration). Between client and server port 9000 needs to be open, this is automatically set on install.

Network Specification Description	Minimum	Recommended (if applicable)	Comments
Network type, bandwidth, speed, protocol etc.	Intranet		
Additional network or instrument communication card requirements	No specific requirements		
Network Interfaces	Dual Port NIC		

### Special Requirements

Internet connection is not necessary as ChemVista have no direct connection to external sources like MoNA, EPA, etc. and only supports files downloaded from these resources.

## 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: