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Thank you for purchasing Agilent software.

Correct site preparation and evaluation is the key first step in assuring that the installation of your Agilent software product is successful and that your instruments and software systems operate reliably over an extended lifetime. The information provided in this document can be used as an **information guide AND checklist** that outlines the computing requirements for your site. It may also recommend tools where needed, that will help you get started.

Customer Responsibilities-networked

Make sure your site meets the following specifications prior the installation date.

- ☐ Your site meets the software, hardware and networking specifications as outlined below
- ☐ Computing environment and the necessary space is made available
- ☐ The number and location of electrical outlets and network ports for your computer systems, peripherals and instruments are planned.
- ☐ Locate your sales order information such as software authorization codes, software licenses or software certificates.
- ☐ The necessary software media, disks etc. are available including upgrade or update disks
- ☐ Ensure there is a backup and recovery plan for your system.
- ☐ A system or network administrator is available as needed to connect to your intranet.

- ☐ **Complete Final Check: Software Site Preparation Tool.**

  Please visit the following Agilent website to download the Software Installation Site Preparation Tool:
  http://www.chem.agilent.com/en-US/Technical-Support/Software-Informatics/Utilities/Pages/SWSitePrepTool.aspx

  This easy-to-use tool verifies that your PC meets the necessary hardware and software pre-requisites before installing the Agilent software.

- ☐ **For all networked installations: Run the Network Assessment Tool** to determine if your network is ready for the OpenLAB CDS installation.

  The Network Assessment Tool is a diagnostic program that can be run as a service on networked Windows computers. Agilent service personnel with the assistance of the customer run this program on computers used by OpenLAB CDS. Your Professional Services Engineer will send the Network Assessment Tool by e-mail with installation instructions. Once it is installed, the Professional Services Engineer will schedule a WebEx to run and review the assessment. Please see the Agilent Assessment Tool Data Sheet for further information.

| HINT | 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. |

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Important Customer Information

❑ If you have questions or problems in providing anything described as **Customer Responsibilities** above, 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-arrange 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.

❑ If applicable, the Network Assessment Tool can be used to verify the network environment.

Software Specifications for ChemStation Edition or EZChrom Edition Workstations

Specification Description	Support Statement
Operating System (OS)	• Windows 7 SP1 (32-bit or 64-bit, Professional or Enterprise Ed.) • Windows 8.1 (32-bit or 64-bit, Professional or Enterprise Ed.)
The following localized versions of Windows operating systems may be used	• English • Western European language versions (CDS software will always appear in English, not supported for OpenLAB Data Analysis). Which language:_____ • Chinese (Non-localized instrument drivers are supported and will appear in English) • Japanese (Non-localized instrument drivers are supported and will appear in English) • Brazilian Portuguese (Non-localized instrument drivers are supported and will appear in English), for EZChrom only.
Domain connectivity	optional for workstations
OS .NET & other Add-ins	• .NET 4.5.2 **Note:** Installed by master installer launch if needed. With Windows 8.1 or Windows Server 2012 R2, this may require a system reboot. To avoid the system reboot during installation, install .NET 4.5.2 and the language pack corresponding to your operating system in advance. • .NET 3.51 must be enabled on systems running on Microsoft Windows 8.1 • Windows Installer 4.5 (Installed automatically by master installer if needed)
Drives	NTFS Files system

Specification Description	Support Statement
Network	TCP/IP Protocol **version 4** only; TCPv6 addressing is not supported by OpenLAB CDS, Client for Microsoft Networks, File and Printer Sharing for Microsoft Networks. See *OpenLAB CDS Requirements* guide for detailed specifications
Privileges	Local Administrator permissions required for software installation and configuration
Printing	Check that a valid printer driver is installed on the system and a test page prints successfully
IP Address	Static or DHCP Reservation
Virtualization	Not supported with ChemStation. OpenLAB EZChrom Edition can be virtualized using VMWare vSphere 4.x or vSphere 5.x. For more information, see TechNote 5991-2278EN *Virtualizing Agilent OpenLAB CDS EZChrom Edition withVMware*.
Citrix	Not supported
Terminal Services	Not supported
Antivirus Software	Highly recommended The application is tested with Symantec Endpoint Protection 12.x and with Microsoft Security Essentials.
Adobe Reader	Adobe Reader XI or above

Computer Hardware Specifications for Workstations

	Minimum
Processor type & speed	3 GHz Dual core
Memory	4 GB (4096 MB)
Hard disk drive	160 GB Hard Drive
Internal Storage/devices/media	DVD-ROM
Monitor/Graphics Adapter	17" 1280x1024 (SXGA) - 19" 1440x900 recommended
Instrument Control	4 instruments[*] max / workstation [*] 3D detector systems count as 2 instruments. LC/MS, CE/MS: 1 instrument max / workstation (ChemStation Edition only)

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Networking Specifications

ChemStation Edition Networking Specifications

Specification Description	Minimum
Network Adapter	100/1000 Mbit/s
LAN Instrument Communication	must be on the same subnet as instruments, and preferably on the same network segment
Other instrument communication	GPIB

EZChrom Edition Networking Specifications

Specification Description	Minimum
Network Adapter	100/1000 Mbit/s
LAN Instrument Communication	recommend to be on the same subnet as instruments, and preferably on the same network segment
Other instrument communication	RS232, GPIB (must be installed next to instrument)

Analytical Instruments

Firmware Requirements

Review the CDS *Supported Instruments and Firmware Guide* (click "OpenLAB CDS Instrument Compatibility" in the **OpenLAB CDS Master Installer > Resources**). Additional firmware upgrades may be needed.

Hardware Specifications

Specification Description	Support Statement
LAN Interface	G1369 A/B/C LAN Interface Card – Min FW A.01.10 / A.01.01 / B.06.40, respectively
Local Area Network (LAN)	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.
GPIB, HPIB	**EZChrom edition only**: National Instruments IEEE-488 card Chemstation edition: IO Library Suite 16.3 and 82350B card

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Specification Description	Support Statement
IP Address Assignment	Static or DHCP Reservation BootP is supported on Standalone Workstations connected to the Instrument by a Crossover Cable
Instrument Firmware	Instruments must meet the minimum Firmware requirements as specified in the CDS *Supported Instruments and Firmware Guide*.

Important Customer Web Links

- For additional information about our solutions, please visit our web site at www.chem.agilent.com

- How to get information on your product? Literature Library - www.agilent.com/chem/library

  (enter "OpenLAB" in the empty field and click the 🔍 icon)

- Need to know more? - www.agilent.com/chem/education

- Need technical support, FAQs? - www.agilent.com/chem/techsupp

- Need supplies? - www.agilent.com/chem/supplies

- Software Status bulletins, patches, drivers, software utilities - http://www.chem.agilent.com/en-US/Technical-Support/Software-Informatics/Pages/default.aspx

- OpenLAB Software Updates - agilent.subscribenet.com