



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**

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 & location of electrical outlets for your computer systems and peripherals 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
- A suitable backup solution is identified for your software.
- 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.

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 Information**

- 1** 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.
- 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 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.



## AIC – Agilent Instrument Controller (OpenLAB CDS-Chemstation Edition)

### Software Specifications:

Specification Description	Supported
Operating System (OS):	Windows 2008 R2 SP1 (64-bit) Standard Edition
The following localized versions of Windows operating systems may be used:	<ul style="list-style-type: none"> <li>English</li> <li>Chinese (Non-localized instrument drivers are supported and will always appear in English)</li> <li>Japanese (Non-localized instrument drivers are supported and will always appear in English)</li> </ul>
Connect the AIC to	the same domain as the OpenLAB Shared Services Server (name resolution required for networked systems)
OS .NET & other Add-ins:	<ul style="list-style-type: none"> <li>.NET 3.5 SP1 (Installed by master installer launch if needed)</li> <li>Windows Installer 4.5 (Installed automatically by master installer if needed)</li> <li>Java Runtime Environment (Required when connected to OpenLAB Data Store. Provided in Disk1)</li> <li>Adobe Flash Player (Required when connected to OpenLAB Data Store. Provided in Disk1)</li> </ul>
Drives:	NTFS Files system
Network:	<p>TCP/IP Protocol <b>version 4</b> only; TCPv6 addressing is not supported by OpenLAB CDS, Client for Microsoft Networks, File and Printer Sharing for Microsoft Networks.</p> <p>Domain controller hosting the domain connected to by networked system must have a Windows 2003 server operating system or newer. Windows 2000 and previous operating systems will not allow proper operation of a networked CDS system.</p> <p>See <i>OpenLAB CDS Network Requirements</i> guide for detailed specifications</p>
Privileges:	Local Administrator permissions required for software installation and configuration
IP Address:	Static, DHCP or DHCP Reservation
Virtualization:	Supported
Citrix:	Not currently supported
Terminal Services:	Supported
Antivirus Software	strongly recommended



OpenLAB CDS – Distributed ChemStation (A.01.05)  
 AIC's, CDS Clients, Instruments  
**Site Preparation Checklist**

## Hardware Specifications:

Specification Description	Minimum
Processor type & speed	Intel® Xeon® 5500 series 2x Quad Core CPUs 2.26 GHz
Memory	8 GB
Hard Disk Drive	2 x 250 GB / 7200rpm <b>Note:</b> Factory bundles will have 2 drives of 500GB / 7200rpm
Optical Device Drive	DVD-ROM
Monitor/Graphics Adapter	SVGA or better - 1024x768 min. res.
Pointing devices	MS windows compatible mouse
Network Adapter	100/1000 Mbit LAN adapter
LAN Instrument Communication	Must be on <b>same subnet</b> as instruments
Instrument Control	10 instruments maximum / AIC <b>Note:</b> <ul style="list-style-type: none"> <li>• 3D Detector Systems count as 2 instruments</li> <li>• LCMS, CEMS are not supported.</li> </ul>

## CDS Client (OpenLAB CDS-Chemstation Edition)

### Software Specifications:

Specification Description	Supported
Operating System (OS):	<ul style="list-style-type: none"> <li>• Windows XP Professional SP3 (32-bit only)</li> <li>• Windows 7 SP1 (32-bit or 64-bit)</li> </ul>
The following localized versions of Windows operating systems may be used:	<ul style="list-style-type: none"> <li>• English</li> <li>• Western European language versions (CDS software will always appear in English). Which language: _____</li> <li>• Chinese (Non-localized instrument drivers are supported and will always appear in English)</li> <li>• Japanese (Non-localized instrument drivers are supported and will always appear in English)</li> </ul>
Connect the client to	the same domain as the OLSS Server (name resolution required for networked systems)
OS .NET & other Add-ins:	<ul style="list-style-type: none"> <li>• .NET 3.5 SP1 (Installed by master installer launch if needed)</li> <li>• Windows Installer 4.5 (Installed automatically by master installer if needed)</li> <li>• Java Runtime Environment (Required when connected to OpenLAB Data Store. Provided in Disk1)</li> <li>• Adobe Flash Player (Required when connected to OpenLAB Data Store. Provided in Disk1)</li> </ul>
Drives:	NTFS Files system



Specification Description	Supported
Network:	TCP/IP Protocol <b>version 4</b> only;  TCPv6 addressing is not supported by OpenLAB CDS, Client for Microsoft Networks, File and Printer Sharing for Microsoft Networks.  Domain controller hosting the domain connected to by networked system must have a Windows 2003 server operating system or newer. Windows 2000 and previous operating systems will not allow proper Network operation of a networked CDS system.  See <i>OpenLAB CDS Network Requirements</i> 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, DHCP or DHCP Reservation
Virtualization:	Not supported
Citrix:	Not currently supported
Terminal Services:	Not currently supported
Antivirus Software	strongly recommended
Adobe Reader	strongly recommended.

### Hardware Specifications

Specification Description	Minimum
Processor type & speed	2 GHz (Windows XP) / 3 GHz Dual Core(Windows 7)
Memory	2 GB (2048 MB) (Windows XP) /4GB (4096 MB) (Windows 7)
Hard Disk Drive	80 GB Hard Drive – (15 GB Free)
Optical Device Drive	DVD-ROM
Monitor/Graphics Adapter	SVGA or better - 1024x768 min. res.
Printing devices:	Local/Network Printer
Pointing devices	MS windows compatible mouse
Network Adapter	100/1000 Mbit LAN Adapter
Network Instrument Communication:	No direct communication with instrument



### Analytical Instruments Specifications

Table 1

	Minimum
LAN Interface:	G1369A/B/C LAN Interface Card, or Min FW C.03.00 / B.01.01 / B.06.40 005, respectively J4100A HP Jet Direct Card – FW K.08.32 (35900E, Agilent 1100 or 68xx only!)
Local Area Network (LAN):	Instruments, Workstations, and AIC's should be installed in: Isolated or V-LAN Instruments <b>must</b> be put on the same subnet as CDS AIC's
GPIB, HPIB:	Not supported
IP Address Assignment:	Static or DHCP Reservation
Instrument Firmware:	Instruments must meet the minimum Firmware requirements as specified in the <i>Supported Instruments and Firmware Guide</i> .

### Firmware Requirements

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

AIC	Instrument	Module	Supported Firmware	Actual Firmware	Update needed Y/N

### Licensing

- Agilent OpenLAB CDS supports the use of a central licensing server for the distribution and tracking of license entitlements. The following software is supported for hosting central licensing services:

- Flex-Net Publisher v. 11.11

This software is installed with the installation of a shared services server. A single server may be used to host licenses for multiple systems in the same network domain.



## Other Requirements

### Agilent Customer Web Links

- For additional information about our solutions, please visit our web site at [www.chem.agilent.com](http://www.chem.agilent.com)
- How to get information on your product: Literature Library - [www.agilent.com/chem/library](http://www.agilent.com/chem/library)
- Need to know more? - [www.agilent.com/chem/education](http://www.agilent.com/chem/education)
- Need technical support, FAQs? - [www.agilent.com/chem/techsupp](http://www.agilent.com/chem/techsupp)
- Need supplies? - [www.agilent.com/chem/supplies](http://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 CDS Software Updates - [agilent.subscribenet.com](http://agilent.subscribenet.com)

### Other important web links

- Microsoft Hardware Compatibility Lists <http://www.microsoft.com/whdc/hcl/default.msp>
- Links to specific O/S fixes, updates needed <http://support.microsoft.com/>