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:
  
  
  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.
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.

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OpenLAB Shared Services Server Software Specifications

<table>
<thead>
<tr>
<th>Specification Description</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System (OS)</td>
<td>• Windows Server 2008 R2 with SP1 (64-bit), Standard or Enterprise&lt;br&gt; • Windows Server 2012 R2 (64-bit) Standard or Enterprise</td>
</tr>
<tr>
<td>The following localized versions of Windows operating systems may be used</td>
<td>• English&lt;br&gt; • Western European language versions (CDS software will always appear in English).&lt;br&gt; Which language: ________________________&lt;br&gt; • Chinese (Non-localized instrument drivers are supported and will appear in English)&lt;br&gt; • Japanese (Non-localized instrument drivers are supported and will appear in English)&lt;br&gt; • Portuguese Brazilian (Non-localized instrument drivers are supported and will appear in English)</td>
</tr>
<tr>
<td>OS .NET &amp; other Add-ins</td>
<td>• .NET 4.5.2&lt;br&gt; <strong>Note:</strong> 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.&lt;br&gt; • .NET 3.51 must be enabled on systems running on Microsoft Windows 2012&lt;br&gt; • Windows Installer 4.5 (Installed automatically by master installer if needed)</td>
</tr>
<tr>
<td>Drives</td>
<td>NTFS Files system</td>
</tr>
<tr>
<td>Network</td>
<td>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. For proper operation of a Networked OpenLAB CDS system in a domain, the domain controllers must have a minimum of Microsoft Windows Server 2003 SP2. <strong>See OpenLAB CDS Requirements</strong> guide for detailed specifications</td>
</tr>
</tbody>
</table>
OpenLAB Shared Services Server Hardware Specifications

For the OpenLAB Shared Services Server, Agilent recommends a dedicated server to avoid conflicts with other applications and optimize performance.

<table>
<thead>
<tr>
<th>Specification Description</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor type &amp; speed</td>
<td>3 GHz Dual core</td>
</tr>
<tr>
<td>Memory</td>
<td>4 GB (4096 MB)</td>
</tr>
<tr>
<td>Hard Disk Drive</td>
<td>160 GB Hard Drive</td>
</tr>
<tr>
<td>Optical Device Drive</td>
<td>DVD-ROM or type A USB receptacle</td>
</tr>
<tr>
<td>Monitor/Graphics Adapter</td>
<td>17” 1280x1024 (SXGA) - 19” 1440x900 recommended</td>
</tr>
<tr>
<td>Printing devices:</td>
<td>Network Printer</td>
</tr>
<tr>
<td>Network Adapter</td>
<td>(2x) 100/1000 Mbit LAN Adapter</td>
</tr>
</tbody>
</table>

Database:

Agilent OpenLAB CDS Shared Services Servers manage information using a database. When deploying networked system configurations this database may require additional installation in order to ensure acceptable performance of the system. **Service Logons must be a user that can access the Domain.**
For performance reasons, it is highly recommended that database files and any transaction logs are stored on physically exclusive hard drives.

The following database software is supported for hosting shared services databases:
- SQL Server 2012 SP2 Standard or Enterprise
- PostgreSQL 9.2.7
- Oracle 12c R1 Standard or Enterprise (12.1)
- Oracle 11g R2 Standard or Enterprise (11.2.0.1)
- SQL Server 2008 R2 Standard or Enterprise with SP2 (64-bit)
- Supported for upgrades with existing databases:
  - SQL Server 2008 R2 SP1 Express (32-bit)

Database Scripting
- The use of OpenLAB Shared Services scripted database installs for Oracle based systems is supported.

Important Customer Web Links
- For additional information about our solutions, please visit our web site at www.chem.agilent.com
- 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 bulletin http://www.chem.agilent.com/Library/Support/Patches/SSBs/M83xxAA.html
- OpenLAB Software Updates and Licenses agilent.subscribenet.com