This document is provided to customers who have purchased SCIEX equipment to use in the operation of such SCIEX equipment. This document is copyright protected and any reproduction of this document or any part of this document is strictly prohibited, except as SCIEX may authorize in writing.

Software that may be described in this document is furnished under a license agreement. It is against the law to copy, modify, or distribute the software on any medium, except as specifically allowed in the license agreement. Furthermore, the license agreement may prohibit the software from being disassembled, reverse engineered, or decompiled for any purpose. Warranties are as stated therein.

Portions of this document may make reference to other manufacturers and/or their products, which may contain parts whose names are registered as trademarks and/or function as trademarks of their respective owners. Any such use is intended only to designate those manufacturers’ products as supplied by SCIEX for incorporation into its equipment and does not imply any right and/or license to use or permit others to use such manufacturers’ and/or their product names as trademarks.

SCIEX warranties are limited to those express warranties provided at the time of sale or license of its products and are SCIEX’s sole and exclusive representations, warranties, and obligations. SCIEX makes no other warranty of any kind whatsoever, expressed or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, whether arising from a statute or otherwise in law or from a course of dealing or usage of trade, all of which are expressly disclaimed, and assumes no responsibility or contingent liability, including indirect or consequential damages, for any use by the purchaser or for any adverse circumstances arising therefrom.

For research use only. Not for use in diagnostic procedures.

AB Sciex is operating as SCIEX.

The trademarks mentioned herein are the property of AB Sciex Pte. Ltd. or their respective owners.

AB SCIEX™ is being used under license.

© 2018 AB Sciex
Introduction

This guide provides information about, and procedures for, installing SCIEX OS 1.5. The guide also includes information on supported devices and firmware and troubleshooting installation.

For information about new software features, enhancements, and known issues, refer to the Release Notes for the software included with the software package.
Important Information to Know Before Installing

Read this guide before installing or upgrading SCIEX OS.

**Note:** Back up SCIEX OS data folders to a safe location before upgrading. For more information, refer to Back up the SCIEX OS Folders to a Safe Location. These folder contains the device configurations, security data, methods, batches, and so on.

To make sure that the software installation is successful, read the following points carefully before starting any of the procedures in this guide:

- SCIEX OS uses electronic licensing. For license activation, refer to Electronic Licensing.
- All versions of SCIEX OS require a valid software license. These licenses are provided with new instrument purchases and can also be purchased separately from SCIEX. For information about the validity of the current license or to enquire about purchasing additional licenses, contact a SCIEX sales representative or Technical Support using sciex.com/request-support.
- SCIEX OS 1.5 data files cannot be opened in previous versions of SCIEX OS. However, data acquired in previous versions of SCIEX OS can be opened in SCIEX OS 1.5.
- Results Tables created in SCIEX OS 1.5 cannot be opened in previous versions of SCIEX OS. However, Results Tables created in previous versions of SCIEX OS can be opened in SCIEX OS 1.5.
- All devices supported in earlier versions of SCIEX OS continue to be supported in SCIEX OS 1.5. Refer to Peripheral Devices and Firmware.
- SCIEX OS 1.5 is available as either a software DVD or web download package. Refer to Installation Instructions.
- If SCIEX OS is being installed on a computer running the Analyst® or Analyst® TF software, then deactivate the hardware profile and close the Analyst® or Analyst® TF software before starting the installation.
- For more information about the compatibility of SCIEX OS with other software applications, refer to Compatible Software.
Required Software

Microsoft Office 2013 or 2016, 32-bit or 64-bit, is required for the report functionality in the Analytics workspace.

Operating System Requirements

- Windows 7, 64-bit, SP1 or Windows 10, 64-bit
- English (Language and Keyboard settings)

Computer Requirements

Dell OptiPlex XE2 computer, with:

- An Intel Core i5-4570S processor (Quad core, 2.90 GHz, 6 MB with HD Graphics 4600)
- 32 GB DDR3 1600 Mhz SDRAM
- 2*2 TB HDD (RAID1)
- DVD+-RW
- Computer specification required for acquisition computers: Two single-port Broadcom Ethernet cards

Note: Newer computer models might become available. Consult the local sales representative for the latest information.

Computers with lower specifications can be used for processing SCIEX OS 1.5 data but they cannot be used for acquiring data.

Compatible Software

The following applications are compatible with SCIEX OS 1.5 on Windows 7 and Windows 10 operating systems.
## Table 2-1 Compatible Software

<table>
<thead>
<tr>
<th>Software Name</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>BioPharmaView™ software version 2.1 or 3.0</td>
<td><strong>Note:</strong> Version 2.1 of the BioPharmaView™ software is only compatible with the Microsoft Windows 7 operating system. Version 3.0 BioPharmaView™ software is compatible with both Microsoft Windows 7 and Microsoft Windows 10.</td>
</tr>
<tr>
<td>LibraryView™ software version 1.3</td>
<td>—</td>
</tr>
<tr>
<td>MarkerView™ software version 1.3.1</td>
<td>—</td>
</tr>
<tr>
<td>MetabolitePilot™ software version 2.0.4</td>
<td>—</td>
</tr>
<tr>
<td>StatusScope® Remote Monitoring Service 1.5 HotFix 1</td>
<td>—</td>
</tr>
</tbody>
</table>

**Note:** SCIEX OS can also coexist with the Analyst® software version 1.6.2 or later and the Analyst® TF software version 1.7.1 or later.
Installation Instructions

Note: Do not attempt to install or upgrade the software without following the installation instructions provided in this guide.

Back up the SCIEX OS Folders to a Safe Location

Before upgrading SCIEX OS, back up these folders to a safe location, such as a network drive or DVD:

- **SCIEX OS Data**: This folder contains all methods, batches, and data. By default, this folder is installed to D:\SCIEX OS Data.
- **C:\ProgramData\SCIEX**: This folder contains all security and device configuration data.

  Note: This is a hidden folder. If it is not visible, then configure Windows Explorer to show hidden items.

If the backup software encounters locked files, skip them.

Note: The backups are required to revert to the previous version of SCIEX OS. If the backups are not available, and the previous version of SCIEX OS is reinstalled, then it will be necessary to recreate all methods and reconfigure security.

Do not rename the existing SCIEX OS Data folder. We recommend that the same SCIEX OS Data folder be used for the new version of SCIEX OS, to provide access to existing data, such as methods, batches, data, and Results Tables.

Install the Software

When installing the software from a DVD, always install it from the official SCIEX DVD and confirm after the installation that the correct version is installed.

1. Log on to the computer as a Windows user with Administrator privileges.
2. Do one of the following:
   - If the software is being installed from a DVD, then load the DVD in the DVD drive and continue with step 6.
   - If the software is being installed from a downloaded file, then continue with step 3.
3. Download the required zip file from the SCIEX website.

**Tip:** To prevent potential installation issues, save the file to a local drive and disconnect any external USB storage devices.

4. After the download is complete, right-click the downloaded file and then click Extract All to extract the installation package.

5. (Windows 7 only) Browse to the Drivers folder of the DVD or installation package and then double-click `xTDC4_driver_v1.1.0.exe` to remove version 1.0.3 of the TDC4 driver and install version 1.1.0.

**Note:** On a computer configured with Windows 10, version 1.1.0 of the xTDC4 driver is already installed.

6. Double-click `Setup.exe` on the DVD or in the installation package.

7. Follow the on-screen instructions.

The initial setup might take several minutes as the SQL server must be installed.

**Note:** To avoid installation issues, install the software on a local drive. Do not install on a network or removable drive.

**Note:** To avoid installation issues, make sure that the path to the installation folder is not too long. If the path is longer than 118 characters, then installation will not proceed.

8. After the software is installed, restart the computer.

9. Start the software.

10. License and activate the software. Refer to Electronic Licensing.

A license key is supplied with an X500 QTOF the system. If a license key is not available, then contact sciex.com/request-support

If the SCIEX OS 1.5 license includes licensing for the LibraryView™ software, then LibraryView™ software must be installed separately.

Separate licenses are required for the Bio Tool Kit and ChemSpider features. Make sure to obtain licenses before attempting to use the features in the Explorer or Analytics workspace.

11. For X500 acquisition computers, run the MS FW Updater Utility to update the MS firmware and instrument configuration tables. Refer to Run the MS FW Updater Utility.
Upgrade from SCIEX OS 1.2 or Later

A new software license is required to upgrade from previous versions of SCIEX OS.

**Note:** To upgrade from versions of SCIEX OS earlier than version 1.2, remove SCIEX OS and then install SCIEX OS 1.5. Also upgrade any vertical applications. Refer to Install Optional Vertical Applications for information about upgrading the vertical applications.

**Note:** Some of the steps might take some time to complete.

1. Deactivate all devices and then close SCIEX OS.
2. Back up the C:\ProgramData\SCIEX folder. Refer to Back up the SCIEX OS Folders to a Safe Location.
3. (For upgrades from SCIEX OS 1.4) If the Audit Trail feature is being used, then perform these steps to save the Workstation audit data:
   a. Navigate to the folder, C:\ProgramData\Sciex, and then create a folder named Audit Data. Give System, Users, and Administrators read and write access to the new folder.
   b. Navigate to the SCIEX OS Data\common-project-area-Audit Data, and then copy the following files:
      - WorkstationAuditMap.atms
      - WorkstationAuditMapTemplates.atms
      - WorkstationAuditTrailData.atds
      **Note:** By default, SCIEX OS Data is installed on D:\.
   c. Paste the files in C:\ProgramData\Sciex\Audit Data.
4. Log on to the computer as a Windows user with Administrator privileges.
5. For acquisition computers perform these steps:
   a. Open the currently installed SCIEX OS.
   b. Open the MS Tune workspace.
   c. Click **Positive MS Tuning**.
   d. Click **Save Tuning Settings** in the left panel and then click **Save Settings**.
6. Back up the SCIEX OS data folder. Refer to Back up the SCIEX OS Folders to a Safe Location.
7. Do one of the following:
   - If the software is being installed from a DVD, then load the DVD in the DVD drive and continue with step 11.
8. Download the required zip file from the SCIEX website.

Tip! To prevent potential installation issues, save the file to a local drive and disconnect any external USB storage devices.

9. After the download is complete, right-click the downloaded file and then click Extract All to extract the installation package.

10. (Windows 7 only) Browse to the Drivers folder of the DVD or installation package and then double-click xTDC4_driver_v1.1.0.exe to remove version 1.0.3 of the TDC4 driver and install version 1.1.0.

Note: On a computer configured with Windows 10, version 1.1.0 of the xTDC4 driver is already installed.

11. Double-click Setup.exe on the DVD or in the installation package.

12. Follow the on-screen instructions.

The initial setup might take several minutes as the SQL server must be installed.

13. After the software is installed, restart the computer.

14. For X500 acquisition computers, run the MS FW Updater Utility to update the MS firmware and instrument configuration tables. Refer to Run the MS FW Updater Utility.

Install Optional Vertical Applications

The following optional applications must be installed after SCIEX OS is installed:

- BioPharmaView™ software version 2.1 or 3.0
- MarkerView™ software version 1.3.1
- LibraryView™ software version 1.3

If the application is not installed, then the software tile will not be shown on the home page after SCIEX OS has been installed.

When upgrading from SCIEX OS 1.2 or later, it is not necessary to upgrade the BioPharmaView™ or MarkerView™ software. When upgrading from earlier versions, these optional applications must be upgraded.

Note: If newer versions of the applications are available, then contact sciex.com/request-support to verify software compatibility.

1. Install SCIEX OS.
2. Make sure that SCIEX OS is closed, and then install the BioPharmaView™, MarkerView™, or LibraryView™ software.

3. Refer to the respective release notes for more information about installing the applications.

**Downgrade to Previous Versions of the Software**

Contact sciex.com/request-support for help on downgrading from the current version of the software.
## Prerequisites

- Version 1.2 or greater of SCIEX OS is installed.
- The mass spectrometer is active in the Devices workspace.
- The computer is connected to the mass spectrometer.
- The person running the utility is logged in as an Administrator in Windows as well as an Administrator in the SCIEX OS User database.

1. Stop all acquisitions and then clear the queue.
   
   There must be no samples waiting in the queue.

2. Close SCIEX OS.

3. Extract the SCIEX OS package, and run the MS FW Updater utility, which is found in the folder: `\FirmwareUpdater\`. Run the application by double-clicking `MS FW Updater.exe`.

### Figure 4-1 MS FW Updater Utility

![MS FW Updater Utility](image)

4. In the Select Update list, select the mass spectrometer and software version.
5. Click **Run Update** and then follow the on-screen instructions.

**Figure 4-2 MS FW Updater Progress Bar**

6. Click **OK** on the progress bar upon completion of the update and then close the utility.

7. Wait 30 seconds and then restart the mass spectrometer. Refer to the **System User Guide**.

8. Open SCIEX OS and then open the Devices workspace.

   The mass spectrometer device has been deleted from the list.

9. Add the mass spectrometer to the Device list and then activate the required devices.

**Note:** If SCIEX OS was not closed before the upgrader utility was run, then the mass spectrometer is still shown in the Devices list. To remove the mass spectrometer, close and then open the application. Add the mass spectrometer.

**Note:** The event log in SCIEX OS will indicate that the firmware was updated successfully.

The MS FW Updater utility can be used to revert to an earlier version of SCIEX OS. Run the Firmware Updater utility again, select the desired version, and then click **Run Update**.

**Note:** Because the MS FW Updater requires SCIEX OS 1.2 or greater, it cannot revert to versions earlier than SCIEX OS 1.2. To revert to earlier versions, contact sciex.com/request-support.
Electronic Licensing

SCIEX OS supports node-locked licensing for both acquisition and processing workstations. A node-locked license can only be used on one computer. Server-based licensing is only supported for processing workstations. The license file name is SCIEXOS1.5.lic. Install the license file in the C:\Program Files\SCIEX\SCIEX OS folder on the computer where SCIEX OS is installed, for both node-locked and server-based licenses.

**Note:** To activate a hardware profile with a real mass spectrometer or acquire data, a node-locked license for acquisition is required. A license for processing cannot be used to activate a real instrument hardware profile or acquire data.

**Note:** Do not change the computer date and time after the license is activated for both node-locked and server-based licenses. If the computer date and time must be changed, then do so before activating the license. Otherwise, the software might not function.

**Note:** Do not modify a node-locked license file, even if it is for an acquisition station or a license server. Modifying the license file will invalidate the license and it will be unrecoverable.

Activate a Node-Locked License for SCIEX OS

1. Double-click the SCIEX OS icon on the desktop.

   A message is shown indicating that the license file SCIEXOS1.5.lic cannot be found in the C:\Program Files\SCIEX\SCIEX OS folder. The software initiates the software activation process by showing a software activation dialog. Follow the instructions in the dialog. A license key is required.
Electronic Licensing

2. Type the license key from the license certificate in step 1 in the Software Activation dialog.

3. Click the link in step 3 in the Software Activation dialog.

   The SCIEX Login web page to log into the SCIEX account opens.

4. Either click **Log In** to log on to a SCIEX account or click **Create an Account** to create an account.

   After the log on or account creation is completed, the software activation SCIEX web page is shown. The first name, last name, and e-mail address of the user are shown in the first three fields in the form in addition to Computer ID and License key.

5. Select and enter the required information under **Select Your Instrument**.

   **Note:** To activate a node-locked license for a processing workstation, use a serial number for any SCIEX instrument. Contact SCIEX Support at sciex.com/contact-us if an instrument serial number is not available.

6. If a license is being activated for SCIEX OS on a different computer, then enter the Computer ID, which is the MAC address of the network port used to connect the computer to the network, and the License Key.
If a license is being activated for SCIEX OS on this computer, then **Computer ID** and **License Key** fields are already populated with the correct information.

7. Click **Submit**.

   A message is shown indicating that an e-mail with the license file will be sent.

8. After the e-mail is received, download the attached license file, and then place it in the C:\Program Files\SCIEX\SCIEX OS folder.

   **Note:** Make sure the license file name is SCIEXOS1.5.lic.

### Activate Server-Based License

For a server-based license, contact the IT department to do the following:

1. Setup a license server

2. Create a license file named as SCIEXOS1.5.lic for the client computers.

3. Distribute the license file to each client computer where SCIEX OS is installed.

   To set up a license server, ask the IT department to download the *License-Server-Setup.zip* file by clicking the link **License Server Setup Software** in the **Additional Downloads > License Server Setup** section at the following site: [sciex.com/software-support/software-downloads](http://sciex.com/software-support/software-downloads)

   For license server setup procedure, refer to the **License Server Setup Guide** within the downloaded package.
## Mass Spectrometer Firmware Versions

<table>
<thead>
<tr>
<th>Device</th>
<th>Firmware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass spectrometer</td>
<td>ATLAS_QTOF_ICX_v0_r04</td>
</tr>
</tbody>
</table>
## Instrument Configuration Table

<table>
<thead>
<tr>
<th>Device</th>
<th>Instrument Configuration Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass spectrometer</td>
<td>X500R CONFIG_X500R_v0_r04</td>
</tr>
<tr>
<td></td>
<td>X500B CONFIG_X500B_v0_r03</td>
</tr>
</tbody>
</table>
Peripheral Devices and Firmware

SCIEX OS 1.5 supports the devices listed in the following tables.

In most cases, more recent firmware versions from the device manufacturer will work with SCIEX OS 1.5. If issues occur, then change the device firmware to the version listed in the table. For information on verifying and upgrading firmware, refer to the documentation provided by the device manufacturer. For information on installation and configuration of devices, refer to the Devices Guide.

Table C-1 ExionLC™ Series of Devices

<table>
<thead>
<tr>
<th>Peripheral Device</th>
<th>Tested Firmware (and other firmware)</th>
<th>Communication Cable Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ExionLC™ Controller</td>
<td>2.0, 3.01, 3.40</td>
<td>Ethernet</td>
</tr>
<tr>
<td>ExionLC™ AC Pump</td>
<td>2.04</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ AC Autosampler</td>
<td>2.05, 3.12</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ AC Column Oven</td>
<td>3.21</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ AD Pump</td>
<td>2.04, 3.11, 3.21</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ AD Autosampler</td>
<td>(3.12)</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ AD Multiplate Sampler</td>
<td>(3.15)</td>
<td>Optic</td>
</tr>
<tr>
<td>ExionLC™ PDA Detector</td>
<td>4.02</td>
<td>Ethernet</td>
</tr>
</tbody>
</table>

Note: The PDA Detector requires a switching hub to connect to the system controller and the acquisition computer. Refer to the ExionLC™ PDA Detector Operator Guide.
### Table C-2 Agilent 1290 Infinity and Infinity II Series of Devices

<table>
<thead>
<tr>
<th>Peripheral Device</th>
<th>Model</th>
<th>Tested Firmware (and other firmware)</th>
<th>Communication Cable Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binary Pump</td>
<td>G4220A</td>
<td>A.06.73, B.07.01</td>
<td>Ethernet or CAN</td>
</tr>
<tr>
<td>Standard Autosampler</td>
<td>G4226A</td>
<td>A.06.54, A.07.01</td>
<td>Ethernet or, if the system contains a DAD, then CAN</td>
</tr>
<tr>
<td>Column compartment</td>
<td>G1316C</td>
<td>A.06.53</td>
<td>CAN</td>
</tr>
<tr>
<td>DAD</td>
<td>G4212A</td>
<td>A.06.73, B.06.30</td>
<td>Ethernet</td>
</tr>
<tr>
<td>Infinity II High-speed Pump</td>
<td>G7120A</td>
<td>(B.07.10)</td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Flexible Pump</td>
<td>G7104A</td>
<td>B.07.10</td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Multisampler</td>
<td>G7167B</td>
<td>D.07.17</td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Multicolumn Thermostat</td>
<td>G7116B</td>
<td>D.07.10</td>
<td>CAN</td>
</tr>
<tr>
<td>Infinity II DAD</td>
<td>G7117B</td>
<td>(D.07.10)</td>
<td>Ethernet</td>
</tr>
</tbody>
</table>

### Table C-3 Agilent 1260 Infinity and Infinity II Series of Devices

<table>
<thead>
<tr>
<th>Peripheral Device</th>
<th>Model</th>
<th>Tested Firmware (and other firmware)</th>
<th>Communication Cable Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity II Binary Pump</td>
<td>G7112B</td>
<td></td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Quaternary Pump</td>
<td>G7111B</td>
<td>D.07.13</td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Bio-Inert Pump</td>
<td>G5654A</td>
<td>D.07.13</td>
<td>CAN or Ethernet</td>
</tr>
<tr>
<td>Infinity II Multisampler</td>
<td>G7167A</td>
<td>D.07.16</td>
<td>CAN or Ethernet or, if the system contains a DAD, then CAN</td>
</tr>
<tr>
<td>Infinity II Bio-Inert Multisampler</td>
<td>G5668A</td>
<td>D.07.16</td>
<td>CAN or Ethernet or, if the system contains a DAD, then CAN</td>
</tr>
<tr>
<td>Infinity II Multicolumn Thermostat</td>
<td>G7116A</td>
<td>D.07.13, D.07.16</td>
<td>CAN</td>
</tr>
<tr>
<td>Infinity II DAD</td>
<td>G7117C</td>
<td>D.07.10</td>
<td>Ethernet</td>
</tr>
</tbody>
</table>
## Peripheral Devices and Firmware

### Table C-4 Shimadzu

<table>
<thead>
<tr>
<th>Peripheral Device</th>
<th>Tested Firmware (and other firmware)</th>
<th>Communication Cable Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIL-20ACXR Autosampler</td>
<td>(1.20, 1.22, 1.23, 1.25)</td>
<td>Optic</td>
</tr>
<tr>
<td>SIL-30AC Autosampler</td>
<td>3.12</td>
<td>Optic</td>
</tr>
<tr>
<td>SIL-30ACMP Autosampler</td>
<td>3.15</td>
<td>Optic</td>
</tr>
<tr>
<td>LC-20ADXR Pump</td>
<td>(1.20, 1.21)</td>
<td>Optic</td>
</tr>
<tr>
<td>LC-30AD Pump</td>
<td>3.11, 3.21</td>
<td>Optic</td>
</tr>
<tr>
<td>CTO-20AC Column Oven</td>
<td>2.03, 2.10</td>
<td>Optic</td>
</tr>
<tr>
<td>SPD-20A UV-VIS Detector</td>
<td>1.04</td>
<td>Optic</td>
</tr>
<tr>
<td>SPD-M30A UV Detector</td>
<td>3.11, 4.02</td>
<td>Ethernet</td>
</tr>
</tbody>
</table>

*Note:* The Detector requires a switching hub to connect to the system controller and the acquisition computer.

<table>
<thead>
<tr>
<th>Peripheral Device</th>
<th>Tested Firmware (and other firmware)</th>
<th>Communication Cable Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCV-12AH Valve</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>FCV-13AL Valve</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CBM-20 A with Ethernet Switch (system controller with 8 fiber optic ports)</td>
<td>2.81, 3.01, 3.11, 3.31</td>
<td>Ethernet</td>
</tr>
<tr>
<td>Rack Changer II</td>
<td>2.0</td>
<td>Optic</td>
</tr>
</tbody>
</table>
Windows Configuration (Windows 7 and Windows 10)

Note: We recommend that Internet connectivity be disabled for the acquisition computer. If the computer is connected to the Internet, then follow the guidelines in sciex.com/productsecurity. The system must be validated after updates to Windows or the .NET framework. Make sure that adequate virus protection is in place to prevent virus corruption of system functionality.

User Account Control Settings

SCIEX recommends the use of the default settings for User Account Control when SCIEX OS is installed on the Windows 7 or Windows 10 (64-bit) operating system. For the Administrator, the default setting is Default (Notify me only when programs try to make changes to my computer). For standard users, it is Always notify me.

1. Open the Windows Control Panel.
2. Select the option based on the operating system being used:
   - (Windows 7) Click System and Security > Change User Account Control settings.
   - (Windows 10) Click System and Maintenance > Change User Account Control settings.
3. On the User Account Control Settings dialog, move the slider bar to the desired level.
4. For the Administrator, select Default – Notify me only when programs try to make changes to my computer, and then click OK.
5. For standard users, select **Default – Always notify me when**, and then click **OK**.

**Region and Language Settings**

Only the English version of the Windows 7, 64-bit, or Windows 10, 64-bit, operating system is supported.
Windows 7

- Configure the Region and Language control panel.
  1. Set the **Format** field to **English (United States)**.

  ![Figure D-3 Region and Language Dialog - Windows 7](image)

  2. Click the Keyboards and Languages tab and then click **Change Keyboards**.
  3. Click **Apply**.
  4. Click **OK**.

- Configure the Text Services and Input Languages control panel.
  1. On the General tab, select **English (United States) - US** as the default input language.

  ![Figure D-4 Text Services and Input Languages Dialog - Windows 7](image)

  2. Click **Apply**.
  3. Click **OK**.

Setting the Format field and the default input language field to a different value might cause the software to show the file information or the audit trail information incorrectly.
Windows 10

• Configure the Region control panel.
  1. Click Clock, Language, and Region > Region
  2. In Format field, select English (United States).

  Figure D-5 Region Dialog - Windows 10

  ![Region Dialog](image)

  3. Click Apply.
  4. Click OK.

• Configure the Language control panel.
  1. Click Clock, Language, and Region > Language to open the Language control panel.
  2. Select English (United States) as the default input language.

  Figure D-6 Language Dialog - Windows 10

  ![Language Dialog](image)
Setting the Format field and the default input language field to a different value might cause the software to show the file information or the audit trail information incorrectly.

**Local Settings**

Only the local settings shown in Figure D-7 are supported.

**Figure D-7 Local Settings**

![Local Settings Figure]

<table>
<thead>
<tr>
<th>Label</th>
<th>Supported in SCIEX OS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decimal symbol</td>
<td>Either ‘.’ or ‘,’ is supported.</td>
</tr>
<tr>
<td>No. of digits after decimal</td>
<td>Controlled by the number format in SCIEX OS.</td>
</tr>
<tr>
<td>Digit grouping symbol</td>
<td>Not supported.</td>
</tr>
<tr>
<td>Digit grouping</td>
<td>Not supported.</td>
</tr>
<tr>
<td>Negative sign symbol</td>
<td>Controlled by SCIEX OS.</td>
</tr>
<tr>
<td>Negative number format</td>
<td>Not supported.</td>
</tr>
<tr>
<td>Display leading zeros</td>
<td>Not supported.</td>
</tr>
<tr>
<td>List separator</td>
<td>Not supported.</td>
</tr>
<tr>
<td>Measurement system</td>
<td>Not supported.</td>
</tr>
</tbody>
</table>
## Windows Configuration (Windows 7 and Windows 10)

<table>
<thead>
<tr>
<th>Label</th>
<th>Supported in SCIEX OS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard digits</td>
<td>Not supported.</td>
</tr>
<tr>
<td>Use native digits</td>
<td>Not supported.</td>
</tr>
</tbody>
</table>
Table E-1 provides a list of the software guides and tutorials documents that are installed with SCIEX OS. These guides and tutorials can be accessed at the following locations:

(Windows 10 operating systems) **Start > SCIEX OS**
(Windows 7 operating systems) **Start > All Programs > SCIEX OS**

The software guides and tutorials are installed in `<drive>:\Program Files\SCIEX\SCIEX OS\Documentation`.

**Table E-1 Software Documentation**

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Installation Guide</td>
<td>This guide. Describes how to install the software.</td>
</tr>
<tr>
<td>Release Notes</td>
<td>Describes new features and any software issues.</td>
</tr>
<tr>
<td>Software User Guide</td>
<td>Provides procedures for setting up and using SCIEX OS to create methods, acquire samples, and analyze data.</td>
</tr>
<tr>
<td>Explorer Tutorial</td>
<td>Provides procedures for using the Explorer workspace to analyze data.</td>
</tr>
<tr>
<td>Laboratory Director Guide</td>
<td>Describes the security functionality of SCIEX OS.</td>
</tr>
<tr>
<td>Help</td>
<td>Provides procedures for setting up and using SCIEX OS to create methods, acquire samples, and analyze data.</td>
</tr>
</tbody>
</table>

The hardware guides are available on the SCIEX website, [sciex.com](http://sciex.com). Navigate to the product, and then click the **Resources** tab.

Hardware guides are also distributed on the **Customer Reference DVDs** for the system and ion source. Table E-2 lists these guides.
## Table E-2 Hardware Documentation

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>System User Guide</td>
<td>Provides information about operating and maintaining the mass spectrometer and using SCIEX OS.</td>
</tr>
<tr>
<td>Qualified Maintenance Procedures</td>
<td>Provides procedures for cleaning and maintaining the mass spectrometer.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Only qualified operators should perform the procedures in this guide.</td>
</tr>
<tr>
<td>Devices Guide</td>
<td>Provides procedures for connecting devices to the computer and instrument.</td>
</tr>
<tr>
<td>Site Planning Guide</td>
<td>Provides information about how to prepare the site as well as materials required for installing the instrument.</td>
</tr>
<tr>
<td>Turbo V™ Ion Source Operator Guide</td>
<td>Provides procedures for installing and testing the ion sources.</td>
</tr>
</tbody>
</table>
Contact Us

Customer Training

- In North America: NA.CustomerTraining@sciex.com
- In Europe: Europe.CustomerTraining@sciex.com
- Outside the EU and North America, visit sciex.com/education for contact information.

Online Learning Center

- SCIEXUniversity

SCIEX Support

SCIEX and its representatives maintain a staff of fully-trained service and technical specialists located throughout the world. They can answer questions about the system or any technical issues that might arise. For more information, visit the SCIEX website at sciex.com or contact us in one of the following ways:

- sciex.com/contact-us
- sciex.com/request-support

CyberSecurity

For the latest guidance on cybersecurity for SCIEX products, visit sciex.com/productsecurity.

Documentation

This version of the document supercedes all previous versions of this document.

To view this document electronically, Adobe Acrobat Reader is required. To download the latest version, go to https://get.adobe.com/reader.

For the latest versions of the documentation, visit the SCIEX website at sciex.com.
Note: To request a free, printed version of this document, contact sciex.com/contact-us.