



SCIEX OS 1.6.1

Software Installation Guide



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Introduction

1

This guide provides information about, and procedures for, installing SCIEX OS 1.6.1. The guide also includes information on supported devices and firmware and tips for 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 1.6.1 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 1.6.1.
- Results Tables created in SCIEX OS 1.6.1 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 1.6.1.
- All devices supported in earlier versions of SCIEX OS continue to be supported in SCIEX OS 1.6.1. Refer to [Peripheral Devices and Firmware](#).
- SCIEX OS 1.6.1 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, operating system
- English (Language and Keyboard settings)

Computer Requirements

The software supports the following computers:

- 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
- SCIEX Alpha Workstation 2020, with:
 - An Intel Core I5-8500 processor (6 core, 9 MB cache, 3.0 GHz, 4.1 GHz Turbo, with HD Graphics 630)
 - 32 GB (2 × 16 GB) 2666 MHz DDR4 UDIMM Non-ECC
 - 2*2 TB HDD (RAID1)
 - DVD±RW

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

Acquisition computers also require two single-port Broadcom Ethernet cards.

For SCIEX OS-MQ, these computers can be used with a minimum of 8 GB RAM.

Computers with lower specifications can be used for processing SCIEX OS 1.6.1 data but they cannot be used for acquiring data.

Compatible Software

The following applications are compatible with SCIEX OS 1.6.1 on Windows 7 and Windows 10 operating systems.

Table 2-1 Compatible Software

Software Name	Additional Information
BioPharmaView™ software version 2.1, 3.0, or 3.01	Note: Version 2.1 of the BioPharmaView™ software is only compatible with the Windows 7 operating system. Versions 3.0 and 3.0.1 of the BioPharmaView™ software are compatible with both the Windows 7 and Windows 10 operating systems.
LibraryView™ software version 1.4	—
MarkerView™ software version 1.3.1	—
MetabolitePilot™ software version 2.0.4	—
StatusScope® Remote Monitoring Service 1.6	—

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

3

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. Make sure that all applications are closed.
3. 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 [7](#).

- If the software is being installed from a downloaded file, then continue with step 4.
4. 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.

5. After the download is complete, right-click the downloaded file and then click **Extract All** to extract the installation package.
6. (Windows 7 operating system 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 the Windows 10 operating system, version 1.1.0 of the xTDC4 driver is already installed.

7. Double-click **Setup.exe** on the DVD or in the installation package.
8. 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.

Tip! If an upgrade to .NET is required, then a prompt for a computer restart is shown during the installation. Users have the option to continue with the restart immediately or select the option to postpone the restart until later. However, installation does not continue until after the restart.

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

Note: A restart is not mandatory. However, SCIEX recommends that the computer is restarted.

10. Start the software.
11. 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.

Installation Instructions

If the SCIEX OS 1.6.1 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.

12. 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 1.3 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 1.3, remove SCIEX OS and then install SCIEX OS 1.6.1. 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. Make sure that all other applications are closed.
3. Back up the C:\ProgramData\SCIEX folder. Refer to [Back up the SCIEX OS Folders to a Safe Location](#).
4. (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.
5. Log on to the computer as a Windows user with Administrator privileges.
 6. 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**.
7. Back up the SCIEX OS data folder. Refer to [Back up the SCIEX OS Folders to a Safe Location](#).
 8. 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 [12](#).
 - If the software is being installed from a downloaded file, then continue with step [9](#).
 9. 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.

10. After the download is complete, right-click the downloaded file and then click **Extract All** to extract the installation package.
11. (Windows 7 operating system 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 the Windows 10 operating system, version 1.1.0 of the xTDC4 driver is already installed.

12. Double-click **Setup.exe** on the DVD or in the installation package.
13. Follow the on-screen instructions.

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

Tip! If an upgrade to .NET is required, then a prompt for a computer restart is shown during the installation. Users have the option to continue with the restart immediately or select the option to postpone the restart until later. However, installation does not continue until after the restart.

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

Note: A restart is not mandatory. However, SCIEX recommends that the computer is restarted.

15. 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 1.4

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 1.3 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™, BPV Flex, 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.

Run the MS FW Updater Utility

4

Prerequisites

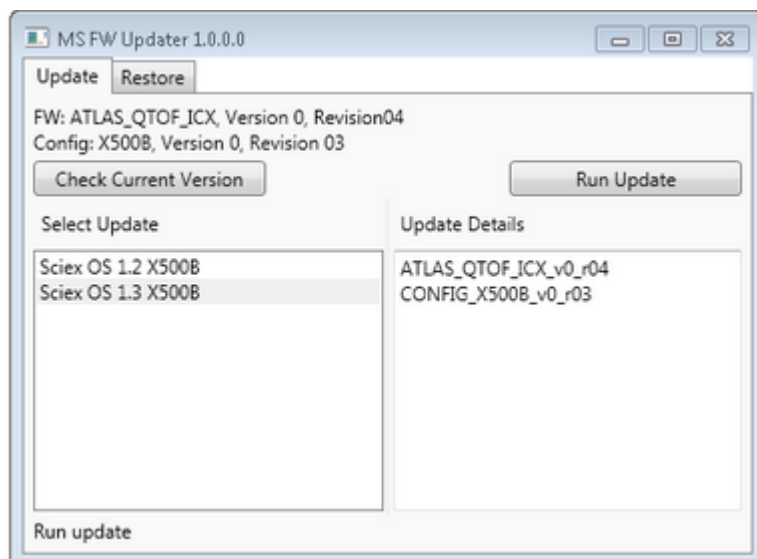
- Version 1.2 or greater of SCIEX OS is installed.
- The mass spectrometer is active in the Devices workspace.
- The computer is connected to the mass spectrometer.
- The person running the utility is logged in as an Administrator in Windows as well as an Administrator in the SCIEX OS User database.

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

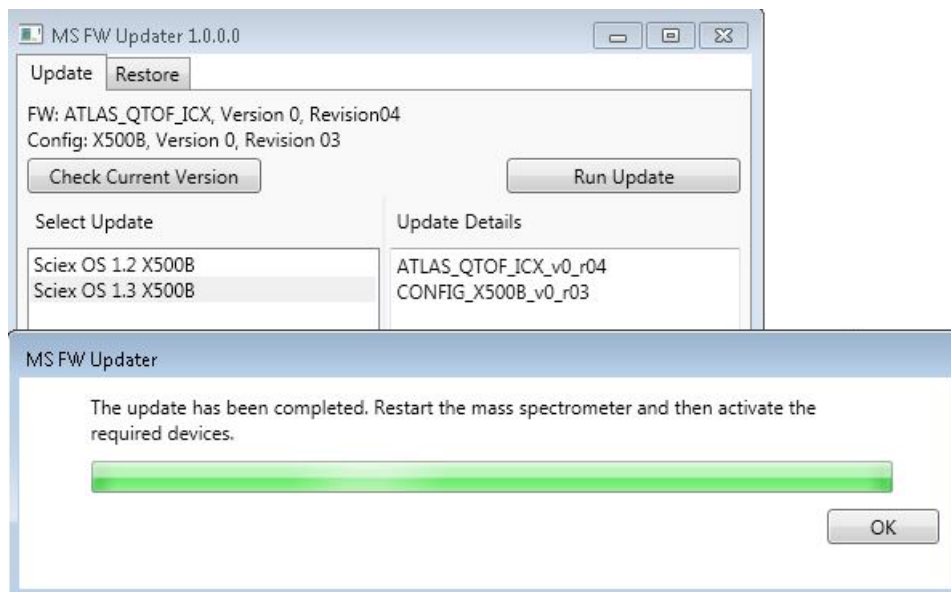


4. In the **Select Update** list, select the mass spectrometer and software version.

Run the MS FW Updater Utility

- Click **Run Update** and then follow the on-screen instructions.

Figure 4-2 MS FW Updater Progress Bar



- Click **OK** on the progress bar upon completion of the update and then close the utility.
- Wait 30 seconds and then restart the mass spectrometer. Refer to the *System User Guide*.
- Open SCIEX OS and then open the Devices workspace.

The mass spectrometer device has been deleted from the list.

- 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.

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. For both node- and server-based licenses, the license file name is SCIEXOS1.6.1.lic. Install the license file in the C:\Program Files\SCIEX\SCIEX OS folder on the computer where SCIEX OS is installed.

Note: To activate a hardware profile including a mass spectrometer or to acquire data, a node-locked license for acquisition is required. A license for processing cannot be used to activate a hardware profile or acquire data. A hardware profile is a set of devices that are configured within and are accessible from SCIEX OS.

Note: For both node-locked and server-based licenses, do not change the computer date and time after the license is activated. 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, regardless of whether it is for an acquisition station or a license server. Modifying the license file invalidates the license and it becomes 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 SCIEXOS1.6.1.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.

Figure 5-1 License Message

SCIEX OS Activation

**For server-based license activation,
close this window and contact the IT department.**

To start a node-locked license activation,
obtain and install a license file by doing the following:

A license file is required to activate, close this window and contact the IT department.
Note: Optionally, a demo license key can be used. It unlocks the software for a limited period.

1. Enter the license key from the license certificate or packaging here:
2. Record the following computer ID:

Copy ID to Clipboard
3. Click the following link and follow the instructions: <https://sciex.com/request-support>
After the required information is submitted, SCIEX sends the license file by email.
4. Save the license file from the email message to the Desktop.
5. Click the following button below to install the license file.
Install License File...

For assistance, click [FAQs](#) **Close**

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 SCIEXOS1.6.1.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 SCIEXOS1.6.1.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.

For license server setup procedure, refer to the *License Server Setup Guide* within the downloaded package.

Mass Spectrometer Firmware Versions

A

Device	Firmware
Mass spectrometer	ATLAS_QTOF_ICX_v0_r04

Instrument Configuration Table

B

Device	Instrument Configuration Table
Mass spectrometer	X500R CONFIG_X500R_v0_r04 X500B CONFIG_X500B_v0_r03

Peripheral Devices and Firmware

C

SCIEX OS 1.6.1 supports the devices listed in the following tables.

In most cases, more recent firmware versions from the device manufacturer will work with SCIEX OS 1.6.1. 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™ Devices

Peripheral Device	Tested Firmware (and other firmware)	Communication Cable Required
ExionLC™ Controller	2.0, 3.01, 3.40	Ethernet
ExionLC™ AC Pump	2.04	Optic
ExionLC™ AC Autosampler	2.05, 3.12	Optic
ExionLC™ AC Column Oven	3.21	Optic
ExionLC™ AD Pump	2.04, 3.11, 3.21	Optic
ExionLC™ AD Autosampler	(3.12)	Optic
ExionLC™ AD Multiplate Sampler	(3.15)	Optic
ExionLC™ PDA Detector	4.02	Ethernet Note: The PDA Detector requires a switching hub to connect to the system controller and the acquisition computer. Refer to the <i>ExionLC™ PDA Detector Operator Guide</i> .
ExionLC™ UV Detector	2.03	Optic
ExionLC™ Rack Changer	(2.0)	Optic
ExionLC™ Degasser	—	N/A
ExionLC™ Solvent Selection Valve	N/A	N/A

Table C-2 Agilent 1290 Infinity and Infinity II Devices

Peripheral Device	Model	Tested Firmware (and other firmware)	Communication Cable Required
Binary Pump	G4220A	A.06.73, B.07.01	Ethernet or CAN
Standard Autosampler	G4226A	A.06.54, A.07.01	Ethernet or, if the system contains a DAD, then CAN
Column compartment	G1316C	A.06.53	CAN
DAD	G4212A	A.06.73, B.06.30	Ethernet
Infinity II High-speed Pump	G7120A	(B.07.10)	CAN or Ethernet
Infinity II Flexible Pump	G7104A	B.07.10	CAN or Ethernet
Infinity II Multisampler	G7167B	D.07.17	CAN or Ethernet
Infinity II Multicolumn Thermostat	G7116B	D.07.10	CAN
Infinity II DAD	G7117B	D.07.23, (D.07.10)	Ethernet

Table C-3 Agilent 1260 Infinity II Devices

Peripheral Device	Model	Tested Firmware (and other firmware)	Communication Cable Required
Infinity II Flexible Pump	G7104C	B.07.25	Ethernet or, if the system contains a DAD, then CAN
Infinity II Binary Pump	G7112B		CAN or Ethernet
Infinity II Quarternary Pump	G7111B	D.07.24, (D.07.13)	CAN or Ethernet
Infinity II Bio-Inert Pump	G5654A	D.07.13	CAN or Ethernet
Infinity II Vialsampler	G7129C	D.07.26	CAN
Infinity II Multisampler	G7167A	D.07.16	Ethernet or, if the system contains a DAD, then CAN
Infinity II Bio-Inert Multisampler	G5668A	D.07.16	Ethernet or, if the system contains a DAD, then CAN
Infinity II Multicolumn Thermostat	G7116A	D.07.13, D.07.16	CAN
Infinity II DAD	G7117C	D.07.10	Ethernet

Peripheral Devices and Firmware

Table C-3 Agilent 1260 Infinity II Devices (continued)

Peripheral Device	Model	Tested Firmware (and other firmware)	Communication Cable Required
Infinity II DAD WR	G7115A	D.07.25	Ethernet
Infinity II FLD Spectra (Bio-inert)	G7121B	D.07.25	Ethernet

Table C-4 Shimadzu Devices

Peripheral Device	Tested Firmware (and other firmware)	Communication Cable Required
SIL-20ACXR Autosampler	2.05 (1.20, 1.22, 1.23, 1.25)	Optic
SIL-30AC Autosampler	3.12	Optic
SIL-30ACMP Autosampler	3.15	Optic
LC-20AD Pump	3.11 (1.04, 1.10, 1.07)	Optic
LC-20ADXR Pump	(1.20, 1.21)	Optic
LC-30AD Pump	3.11, 3.21	Optic
LC-20AB Binary Solvent Delivery Unit	—	—
LC-20AT Solvent Delivery Unit	—	—
CTO-20AC Column Oven	2.03, 2.10	Optic
SPD-20A UV-VIS Detector	1.04	Optic
SPD-M30A UV Detector	3.11, 4.02	Ethernet Note: The Detector requires a switching hub to connect to the system controller and the acquisition computer.
FCV-12AH Valve	N/A	—
FCV-13AL Valve	N/A	—
CBM-20 A with Ethernet Switch (system controller with 8 fiber optic ports)	2.81, 3.01, 3.11, 3.31	Ethernet
RF-20Axs Fluorescence Detector	2.02	Ethernet

Windows Configuration (Windows 7 and Windows 10 Operating Systems)

D

Note: If the computer is connected to the Internet, then follow the guidelines in sciex.com/productsecurity. Make sure that adequate virus protection is in place to prevent virus corruption of system functionality.

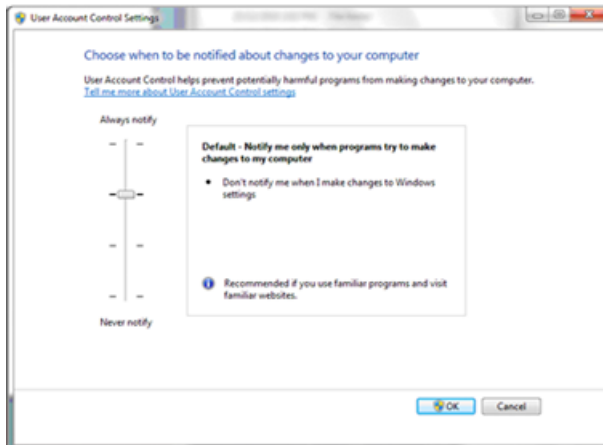
User Account Control Settings

SCIEX recommends the use of the default settings for User Account Control when SCIEX OS is installed on the Windows 7, 64-bit, 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**.

The acquisition computer comes configured with the default User Account Control settings.

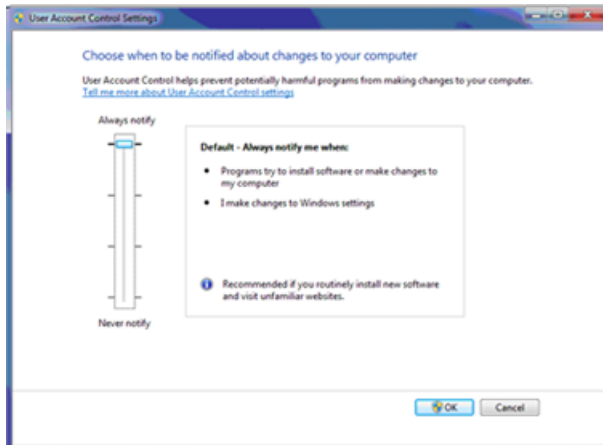
1. Open Control Panel.
2. Select the option based on the operating system being used:
 - (Windows 7 operating system) Click **System and Security > Change User Account Control settings**.
 - (Windows 10 operating system) Click **System and Maintenance > Change User Account Control settings**.
3. On the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

Figure D-1 User Account Control Setting for the Administrator



5. For standard users, select **Default – Always notify me when**, and then click **OK**.

Figure D-2 User Account Control Setting for Standard Users



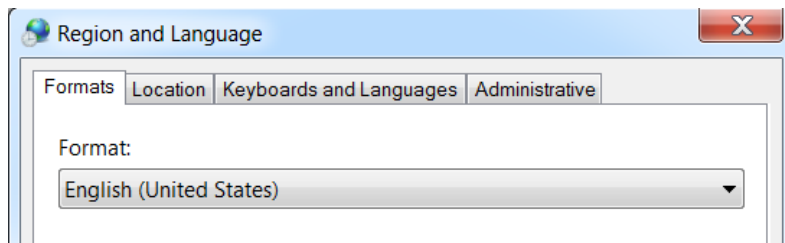
Region and Language Settings

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

Windows 7 Operating System

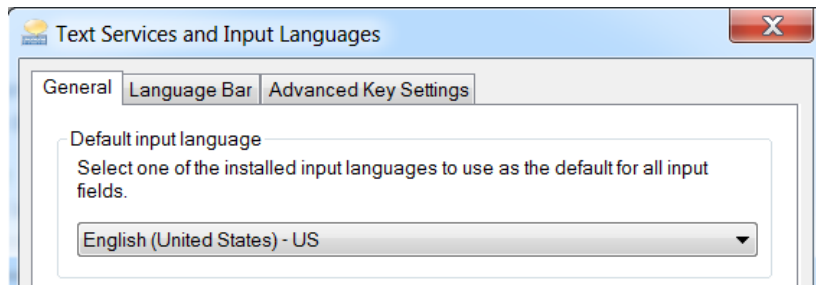
- Configure the Region and Language control panel.
 1. Set the **Format** field to **English (United States)**.

Figure D-3 Region and Language Dialog: Windows 7 Operating System



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 Operating System



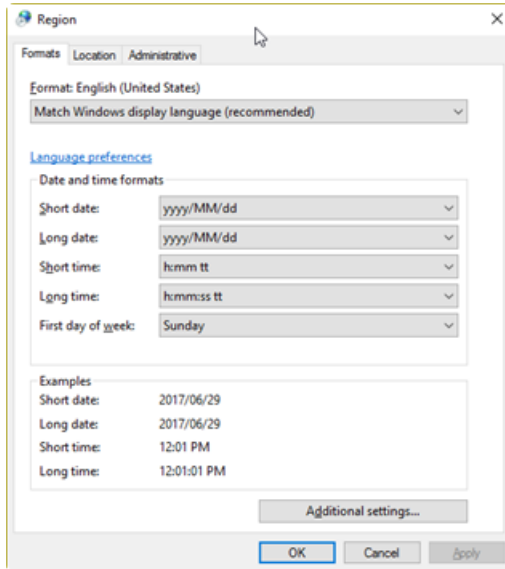
2. Click **Apply**.
3. Click **OK**.

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 Operating System

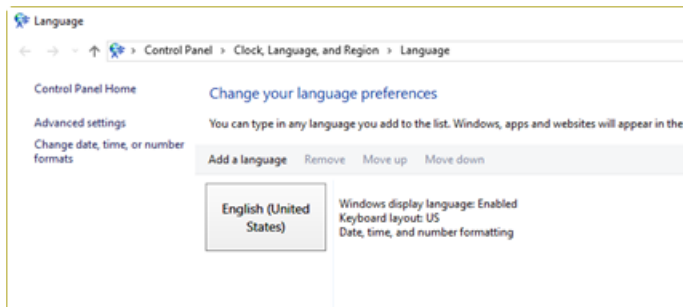
- Configure the Region control panel.
 1. Click **Clock, Language, and Region > Region**.
 2. In **Format** field, select **English (United States)**.

Figure D-5 Region Dialog: Windows 10 Operating System



3. Click **Apply**.
 4. Click **OK**.
- Configure the Language control panel.
 1. Click **Clock, Language, and Region > Language**.
 2. Select **English (United States)** as the default input language.

Figure D-6 Language Dialog: Windows 10 Operating System

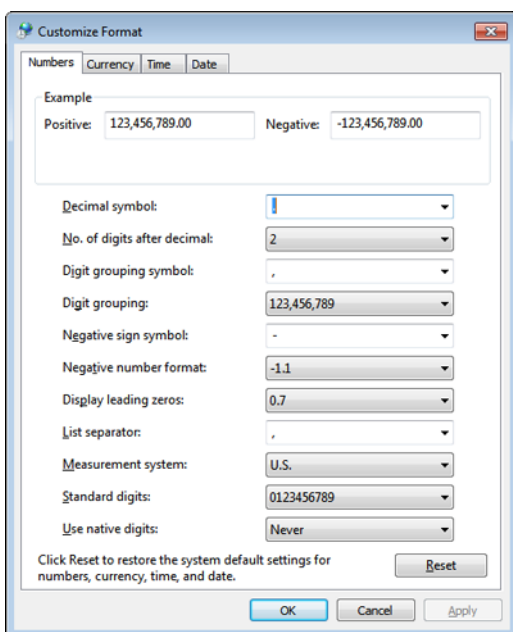


Setting the Format field and the default input language field to a different value might cause the software to show the file information or the audit trail information incorrectly.

Local Settings

Only the local settings shown in [Figure D-7](#) are supported.

Figure D-7 Local Settings



Label	Supported in SCIEX OS
Decimal symbol	Either '.' or ',' is supported.
No. of digits after decimal	Controlled by the number format in SCIEX OS.
Digit grouping symbol	Not supported.
Digit grouping	Not supported.
Negative sign symbol	Controlled by SCIEX OS.
Negative number format	Not supported.
Display leading zeros	Not supported.
List separator	Not supported.
Measurement system	Not supported.

Windows Configuration (Windows 7 and Windows 10 Operating Systems)

Label	Supported in SCIEX OS
Standard digits	Not supported.
Use native digits	Not supported.

[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

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

The hardware guides are available on the SCIEX website, 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

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

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>.

The latest versions of the documentation are available on the SCIEX website, at sciex.com/customer-documents.

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