Analyst MD 1.6.3 HotFix for ICB-5 Firmware Release Notes

Introduction

For information about an earlier software version, refer to the document: *Release Notes* that came with that software version.

Where to Get Help

- *Analyst MD 1.6.3 Software Release Notes*
- *Analyst MD 1.6.3 Software Installation Guide*
- *Analyst MD 1.6.3 HotFix 5 Release Notes*

New in Analyst MD 1.6.3 HotFix for ICB-5 Firmware

Corrected Issues

This HotFix installs updated firmware that corrects an issue with the integrated diverter valve. On systems with instrument control board 5 (ICB-5), the valve changes position earlier than the expected time. This HotFix is only applicable to the acquisition workstation for these systems with ICB-5 that use firmware version QIL0205, as identified in the data sample information.

- SCIEX 4500MD systems
- Citrine systems

(AN-4066 & AN-4135)

Known Issues and Limitations

- N/A

Installation

Install the HotFix

Prerequisites
• The Analyst MD 1.6.3 HotFix 5 is installed.

1. Log on to the computer as a user with Administrator privileges.

2. Stop acquisitions that are in progress, and then deactivate the hardware profile.
3. Close the Analyst MD software.
4. Go to sciex.com/software-downloads, and then download Analyst MD 1.6.3 HotFix for ICB-5 Firmware.

   Tip! To prevent installation issues, save the file to the local computer, in a different location than the desktop.

5. After the download is completed, do this:
   a. Right-click the `AnalystMD1.6.3HF-for-ICB5-Firmware.zip` file, and then click **Extract All**.
   b. Browse to and then select the destination folder, and then click **Extract**.
6. Browse to and then double-click the `setup.exe` file.
7. Obey the on-screen instructions to complete the installation.
8. Upgrade the firmware. Go to the section: Update the Firmware.

Update the Firmware

Note: This procedure should be used only for these systems with ICB-5.

- SCIEX 4500MD systems
- Citrine systems

Use the `ConfigUpdater.exe` program to update the system firmware to QIL0206.

The configuration tables have not changed. For information about configuration tables, refer to the document: *Analyst MD 1.6.3 HotFix 5 Release Notes*.

1. Browse to the `C:\Program Files (x86)\ Analyst\Firmware\ConfigUpdater` folder, and then double-click `ConfigUpdater.exe`.
   The Select Interface dialog opens. The **Ethernet** interface option is selected.

   Note: The `ConfigUpdater.exe` program can also be started from the shortcut:

   - Windows 7: **Start** > **All Programs** > **Sciex** > **Analyst MD** > **ConfigUpdater**
   - Windows 10: **Start** > **Sciex Analyst MD** > **ConfigUpdater**

2. Click **OK**.
   The `ConfigUpdater.exe` program opens and then identifies the new firmware version to be installed.

   Note: The `ConfigUpdater.exe` program will reset the mass spectrometer. This is usual and is required by the update process.

3. Click **Next**.
4. Click **OK** to start the upload, and then wait until this message is shown: `Uploaded firmware is ready`.
5. Click **OK**.
   The Firmware/Configuration Table Update Program dialog with a list of supported instruments opens.
6. Click **Next**.

   This message is shown: `Your current configuration table is: <header of the current configuration table> file. Your instrument is upgraded to the latest firmware configuration table. Click Cancel to exit this program or click Downgrade if you wish to upload another Configuration Table .`
7. To close the `ConfigUpdater.exe` program, click **Cancel**.
8. Restart the computer.

Remove the HotFix

CAUTION: Potential System Damage. SCIEX 4500MD systems and Citrine systems with ICB-5: We do not recommend that the Analyst MD 1.6.3 HotFix for ICB-5 Firmware be removed from these systems. The removal of the HotFix will result in the use of an unsupported software configuration. If the HotFix must be removed, then first remove the Analyst MD 1.6.3 HotFix for ICB-5 Firmware and then install the compatible firmware. To install the compatible firmware (QIL0205), run the `ConfigUpdater.exe` program installed by the Analyst MD 1.6.3 HotFix 5. The system goes back to the Analyst MD 1.6.3 HotFix 5.

1. Log on to the computer as a user with Administrator privileges.
2. In the Analyst MD software, deactivate the hardware profile.
3. Close the Analyst MD software.
4. Open Control Panel, and then open Programs and Features.
5. Select **Analyst MD 1.6.3 HotFix for ICB-5 Firmware**, and then click **Uninstall**.
6. Obey the on-screen instructions.
7. Close Control Panel.

8. Install the firmware version that is compatible with the Analyst MD 1.6.3 HotFix 5. Refer to the section: Install Firmware That is Compatible With Analyst MD 1.6.3 HotFix 5.

Install Firmware That is Compatible With Analyst MD 1.6.3 HotFix 5

1. Browse to the `C:\Program Files (x86)\ Analyst\Firmware\ConfigUpdater` , and then double-click the `ConfigUpdater.exe` program.
   The Select Interface dialog opens. The **Ethernet** interface option is selected.

   Note: The `ConfigUpdater.exe` program can also be started from the shortcut:

   - Windows 7: **Start** > **All Programs** > **Sciex** > **Analyst MD** > **ConfigUpdater**
   - Windows 10: **Start** > **Sciex Analyst MD** > **ConfigUpdater**

2. Click **OK**.

   The `ConfigUpdater.exe` program opens and then identifies the new firmware version to install.

   Note: The `ConfigUpdater.exe` program will reset the mass spectrometer. This is usual and is required by the update process.

3. Click **Next**.
4. Click **OK**, and then wait until the message `Uploaded firmware is ready` is shown.
5. Click **OK**.
   The Firmware/Configuration Table Update Program dialog with a list of supported instruments opens.
6. Click **Next**.

   This message is shown: `Your current configuration table is: <header of the current configuration table> file. Your instrument is upgraded to the latest firmware configuration table. Click Cancel to exit this program or click Downgrade if you wish to upload another Configuration Table .`

7. To close the `ConfigUpdater.exe` program, click **Cancel**.
   The system goes back to the configuration supported by the Analyst MD 1.6.3 HotFix 5.

Changed and Added Files

The Analyst MD 1.6.3 HotFix for ICB-5 Firmware makes changes to these folders that are in the `C:\Program Files (x86)` folder.

Analyst\Firmware

- `QIL0206` (added)

Analyst\Firmware\ConfigUpdater

- `UpdateConfig.ini` (updated)

Analyst\Help

- *Analyst MD 1.6.3 HotFix for ICB-5 Firmware Release Notes* (added)

Tip! A shortcut to the *Release Notes* can be found in this location:

- Windows 7: **Start** > **All Programs** > **SCIEX** > **Analyst MD**
- Windows 10: **Start** > **SCIEX Analyst MD** > **Analyst MD Documentation**

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

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Documentation

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

To find software product documentation, refer to the release notes or software installation guide that comes with the software.

To find hardware product documentation, refer to the documentation that comes with the system or component.

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