illumina

Installation Steps

MiSeq™ System Suite Installer v4.1.4

MiSeq Control Software (MCS) v4.1.4

MiSeq Recipe Fragments v4.1.0

Local Run Manager Framework v4.1.0

Real-Time Analysis (RTA) v1.18

Universal Copy Service v2.7.4

For MiSeq RUO

This guide provides the procedures to upgrade MiSeq™ System Suite v4.1.0 to v4.1.4.

MiSeq System Suite v4.1.4 should only be installed on MiSeq systems currently running MiSeq System Suite v4.1.0. If your system is not running v4.1.0, you must first perform one of the following to update your System Suite software to v4.1.0.

- If v4.0.0 is installed on your MiSeq instrument, follow the installation instructions on the Illumina® support website to upgrade to v4.1.0
- If v3.1.0 or lower is installed on your MiSeq instrument, contact your Illumina field representative to schedule an upgrade. Illumina strongly recommends that you have your instrument upgraded to Windows 10 and MiSeq System Suite v4.1.4 to ensure continued access to BaseSpace™ Sequence Hub and Illumina Proactive and to obtain Microsoft's latest security enhancements.

Note that updating to MiSeq System Suite v4.1.4 retains user-defined settings from v4.1.0 for MiSeq Control Software and Local Run Manager.

Before You Begin

This section includes four sets of instructions to prepare you and your MiSeq instrument for a successful MiSeq System Suite v4.1.4 installation. Read each set of instructions carefully to prevent issues from occurring during installation.

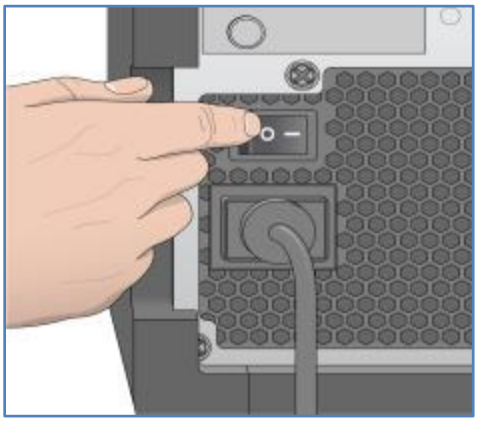
Download the MiSeq System Suite Installer v4.1.4

- If your MiSeq RUO system is connected to Illumina BaseSpace Sequence Hub, and "Automatically check for new software updates on BaseSpace" is enabled, the new System Suite installer will be downloaded to `D:\Illumina\SoftwareUpdates`.
- If your system does not have "Automatically check for new software updates on BaseSpace" enabled, download the MiSeq System Suite Installer v4.1.4 (`MiSeqUpdater.exe`, file size 812 MB) from the Illumina Support Site. Download times may vary so consider downloading the installer the day before you plan to upgrade the instrument. Place the `MiSeqUpdater.exe` file in `C:\Illumina` on the MiSeq instrument .

Power Cycle the Instrument

Make sure that your MiSeq instrument is not performing a sequencing run or running an analysis. For more guidance, refer to **How to Power Cycle the MiSeq Video**.

1. From the main menu in MiSeq Control Software, select **Shut Down Instrument**. When prompted to exit the control software, select **Yes.**
2. After the instrument computer has shut down, toggle the power switch at the back of the instrument to the **O** (Off) position.



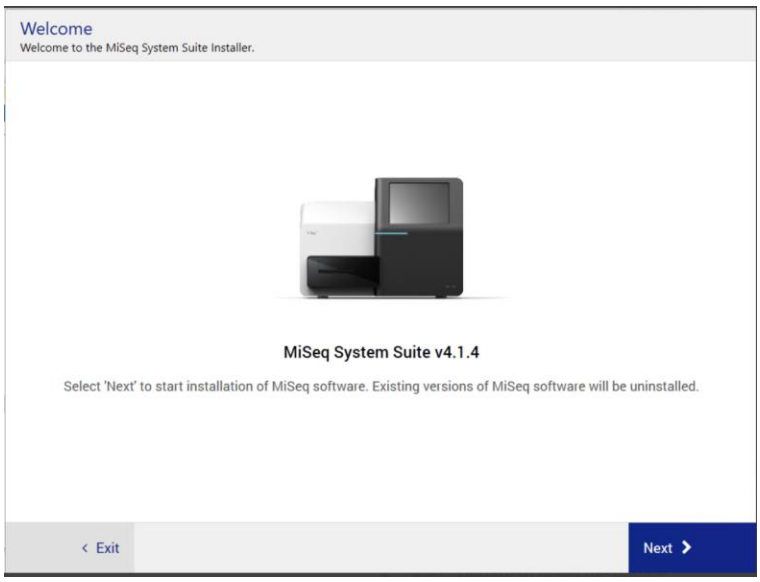
3. Wait a *minimum* of 60 seconds.
4. Toggle the power switch to the **|** (On) position.

Installation

Installation steps differ depending on whether you use auto update features or manually download the installer from the support site.

Install via MiSeq auto updates

1. Log in to the MiSeq system with a Windows administrator account.
2. Launch MiSeq Control Software 4.1.0, click hamburger menu on the top left of home screen.
3. Select **Software Update**.
4. Select **Update** to begin the update.
5. Select **Next** and **Accept** to proceed with the installation.



6. When the installation is complete, reboot the MiSeq system.

Install via manually downloaded installer from the Illumina support site

1. Log in to the MiSeq system with a Windows administrator account.
2. Make sure MiSeq control software is not running.
3. Navigate to `C:\Illumina` on the MiSeq instrument and locate the `MiSeqUpdater.exe` file.
4. Double-click `MiSeqUpdater.exe` to begin the update.
5. Select **Next** and **Accept** to proceed with the installation.
6. When the installation is complete, reboot the MiSeq system.