

# **Install Notes**

**MiSeq Control Software v2.6**

**RTA v1.18.54**

**MiSeq Reporter v2.6**

**BaseSpace Broker v2.5**

**MiSeq Recipes v3.1.0**

***For MiSeq Systems***

## Introduction

This document explains how to update your MiSeq Software either through BaseSpace or by performing a manual upgrade.

### Upgrading MCS:

- a. **These instructions illustrate using the MiSeq 2.6 Updater.**
- b. **The installation can take up to an hour depending on pre-installed dependencies**
- c. The MiSeq automatically restarts after the update process is complete. The restart occurs after you click “Finish”.
- d. The Installer contains everything you need to upgrade your instrument software. All components included in the updater should be installed together. Illumina does not guarantee performance of the software if incompatible components are installed together.
- e. The Installer can only upgrade systems running after MCS 2.4; in this case, the software suites containing MCS 2.4, MCS, 2.5, or MCS 2.6.1. If your system is not already updated to one of these versions of software, please download and use the MiSeq Updater 2.4 found from [illumina.com](http://illumina.com).

[http://support.illumina.com/downloads/miseq\\_software\\_updater\\_and\\_reference\\_genomes\\_updater.ilmn](http://support.illumina.com/downloads/miseq_software_updater_and_reference_genomes_updater.ilmn)

Cannot update software. This update requires the software package in MiSeq Updater v2.1. Please update the current software using MiSeq Updater v2.1 available on MyIllumina.com. For more information, please refer to the release notes for further information.



- f. During the installation procedure, the Installer automatically deletes the old version of the software.

- g. For a complete description of features contained in this software, please refer to the Release Notes. These are available inside the MiSeq 2.6 Updater package and can be downloaded from the Illumina Website.
- h. On updating MiSeq Reporter; If you made any configuration changes to the two files below (for example, to allow for matrix and phasing hard-coding), please first back up these files and then transfer your customized settings back into the appropriate fields in the config files once the upgrade is complete.
  - i. C:\Illumina\MiSeq Reporter\MiSeq Reporter.exe.config
  - ii. C:\Illumina\RTA\Configs\\*

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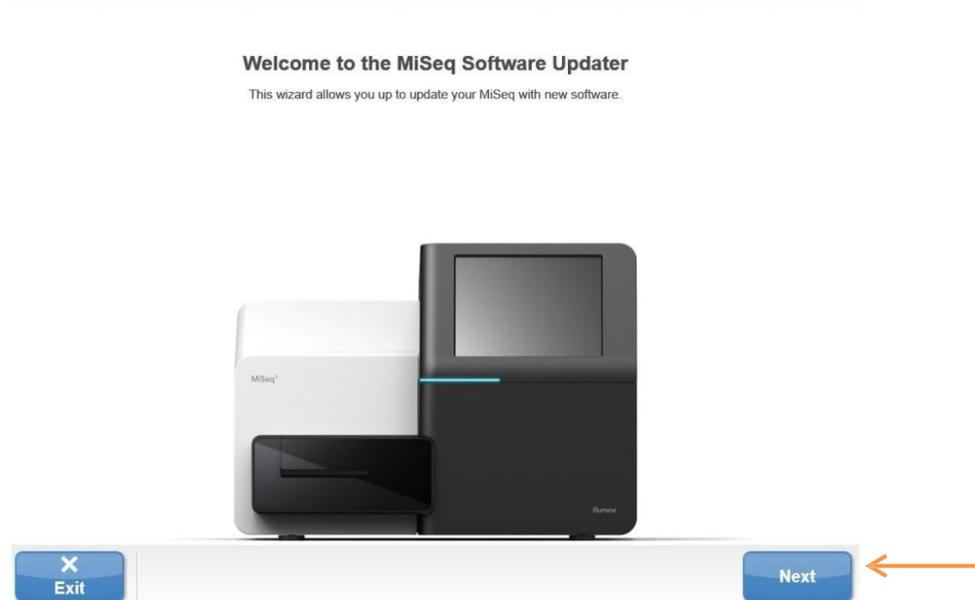
## Upgrading MCS through BaseSpace

- 1) If your MiSeq is connected to BaseSpace, you are notified automatically when an update is available:



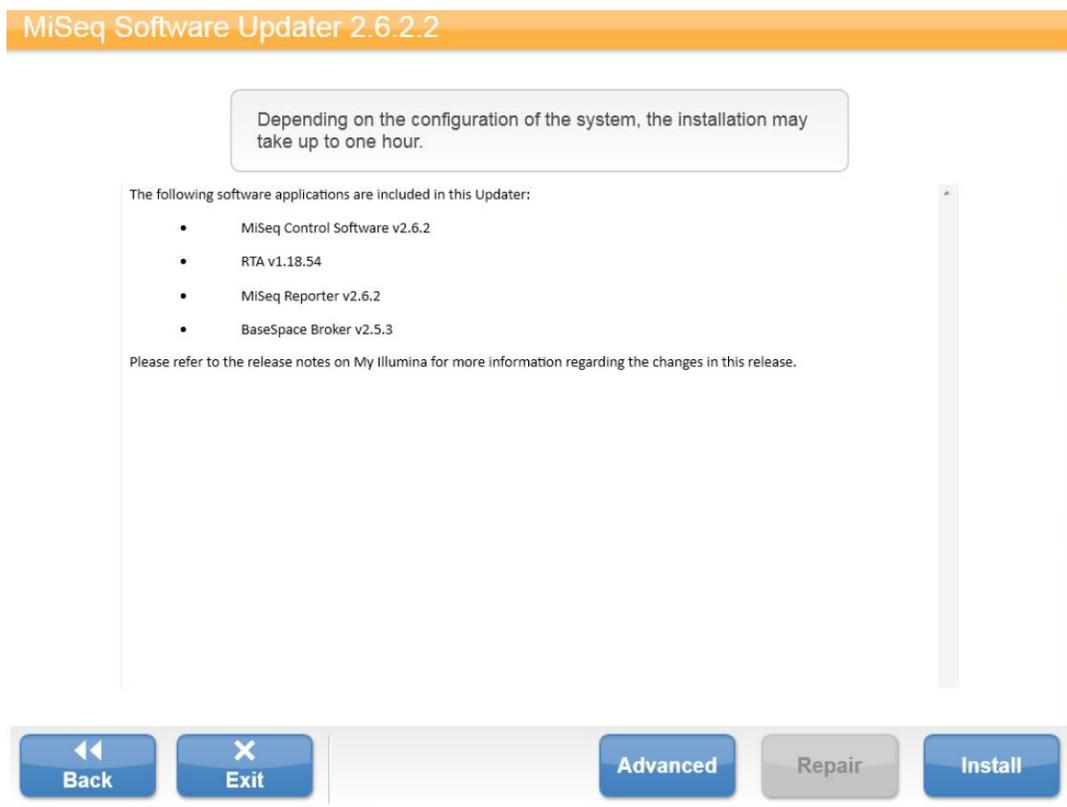
If you choose not to update when prompted, you can do so at a later time, or you can upgrade the software manually as described in the next section.

- 2) To update through BaseSpace, select **Update Available**. The software updater will be downloaded automatically to your instrument.
- 3) The updater will close MCS and open the Updater Welcome Window. Select **Next**.



- 4) Read and Accept the License Agreement, and then select **Next**.
- 5) Review the list of software versions included, and then select **Install**. The updater will update all necessary components on your instrument and delete the old versions.

*NOTE: You can use the optional Advanced button (outlined in Step 6) if you need to customize account access to the MiSeq Reporter and BaseSpace Broker Services. Illumina recommends use of the default settings, which are UserName: LocalSystem, and Password (none – leave this field empty).*



- 6) (OPTIONAL) Click on the **Advanced** tab: Enter the instrument credentials to allow updates of MiSeq Reporter and BaseSpace services. Illumina recommends using the default settings of **LocalSystem** for the User Name; no Password is required. Once the desired credentials are entered, select **Install**.

Please enter the service credentials for this instrument.  
LocalSystem with no password entered will allow all accounts on the MiSeq to access the services (e.g. MiSeq Reporter, BaseSpace Broker). This login only needs to be changed if access to the service needs to be restricted.

User Name:

Password:



7) Select **Finish**. The MiSeq automatically restarts after you click Finish.

Successfully installed

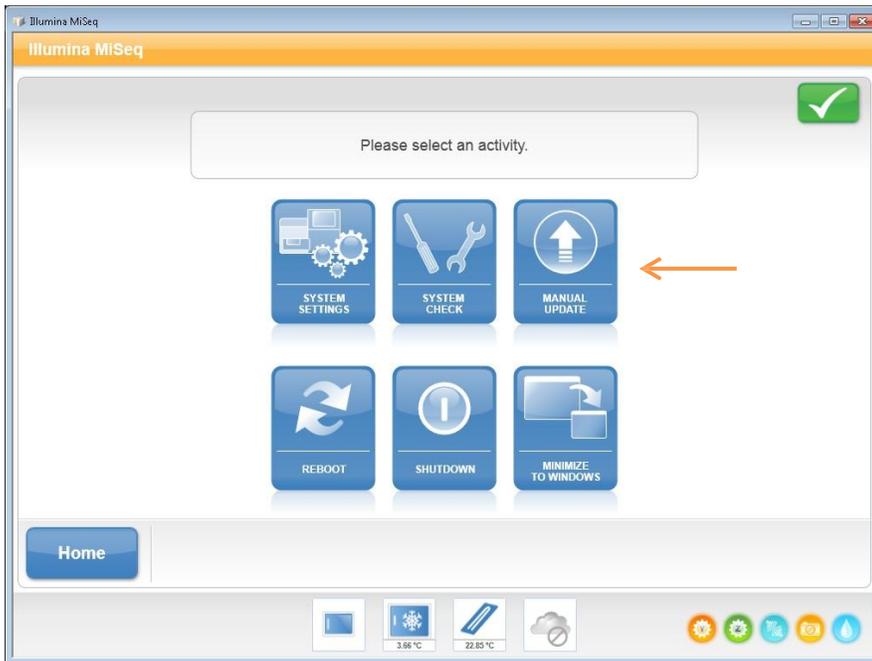


## Upgrading MCS Manually

- 1) Download the MiSeq Updater 2.6.2 from [http://support.illumina.com/downloads/miseq\\_software\\_updater\\_and\\_reference\\_genomes\\_updater.ilmn](http://support.illumina.com/downloads/miseq_software_updater_and_reference_genomes_updater.ilmn) (scroll down to **MiSeq Updater 2.6.2**).
- 2) Download the Updater and save it to a USB storage device. Make sure that the USB drive is free from viruses.  
**NOTE:** *The updater is contained in a zip file. Please unzip this folder and its contents before performing the update.*
- 3) Plug the USB storage device into the USB port on the right hand side of the MiSeq, near the touch screen.
- 4) On the MiSeq Control Software (MCS) screen, select **Manage Instrument**.

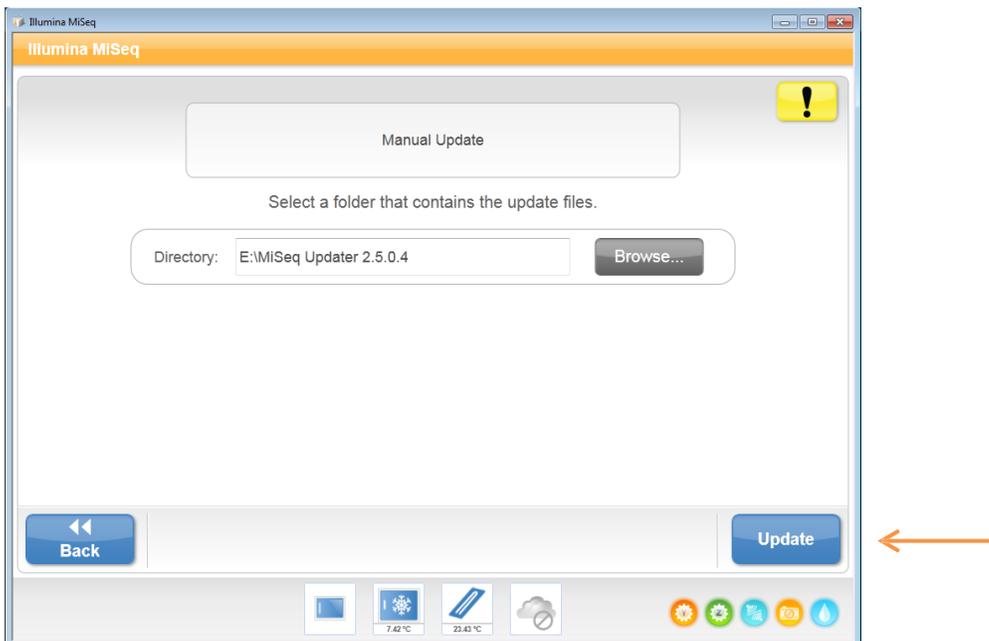


5) Select **Manual Update**.

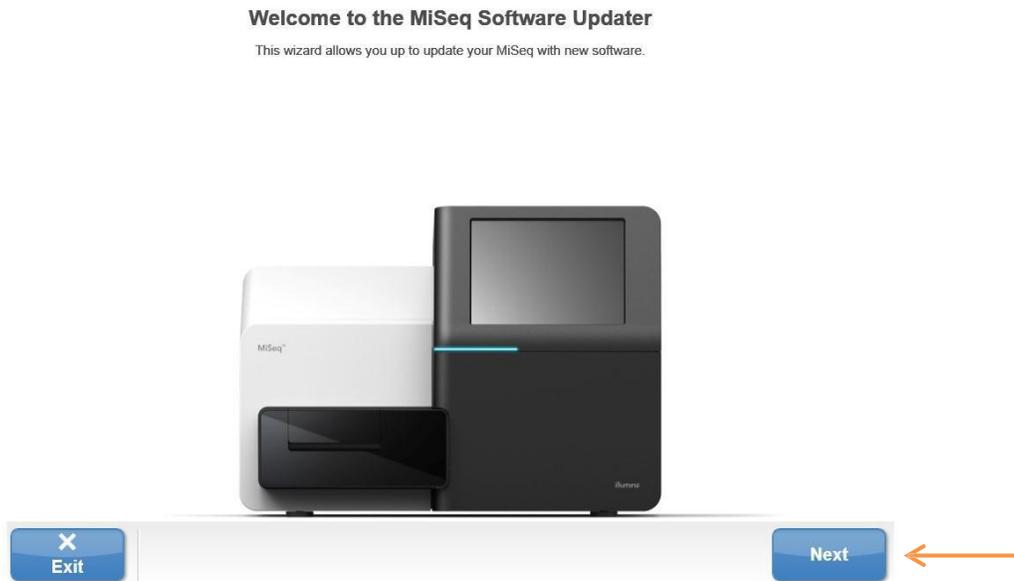


6) Select **Browse** and navigate to the *unzipped* updater folder on your USB drive, and then select **OK**.

7) Select **Update**.



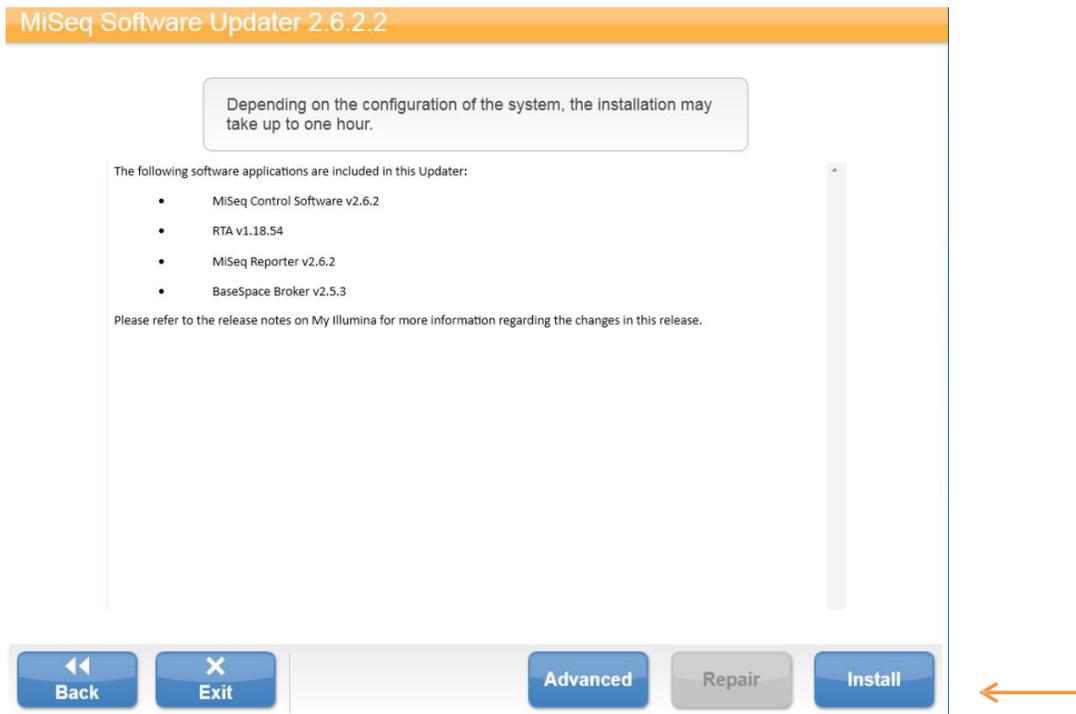
8) The updater closes MCS and opens the Updater Welcome Window. Select **Next**.



9) Read and Accept the License Agreement, and then select **Next**.

10) Review the list of software versions included, and then select **Install**. The updater updates all necessary components on your instrument and deletes the old versions.

*NOTE: You can use the optional Advanced button (outlined in Step 6) if you need to customize account access to the MiSeq Reporter and BaseSpace Broker Services. Illumina recommends use of the default settings, which are UserName: LocalSystem, and Password (none – leave this field empty).*



11) (OPTIONAL) Click on the **Advanced** tab: Enter the instrument credentials to allow updates of MiSeq Reporter and BaseSpace services. Illumina recommends using the default settings of **LocalSystem** for the User Name; no Password is required. Once the desired credentials are entered, select **Install**.

Please enter the service credentials for this instrument. LocalSystem with no password entered will allow all accounts on the MiSeq to access the services (e.g. MiSeq Reporter, BaseSpace Broker). This login only needs to be changed if access to the service needs to be restricted.

User Name:

Password:

Back Exit Repair Install

12) Select **Finish**. The MiSeq automatically restarts after you click Finish.

Successfully installed

Finish

13) Check that the list of installed software versions is complete and current.

Illumina MiSeq



### Contact Us

**Customer Solutions:**  
orders@illumina.com

**Technical Support:**  
techsupport@illumina.com

**Internet:**  
www.illumina.com/support/sequencing.ilmn

### MiSeq™ Control Software

Version: 2.6.2.1  
Build Date: 1/8/2016 10:26:34 AM  
Instrument ID: M00102  
Computer: MISEQ  
IP Address: 10.16.36.150  
Uptime: 0:04:50:30  
Runs: 0

Recipe Fragment Version: 3.1.0.2  
FPGA Version: 9.5.12  
RTA Version: 1.18.54.0  
MiSeq Reporter Version: 2.6.2.3  
BaseSpace Broker Version: 2.5.3.1

