

# NextSeq Software Release Notes

**NextSeq Control Software 1.2.1**

**NextSeq Service Software 1.2.0**

**NextSeq Software System Suite 1.2.2**

**RTA 2.1.3**

**BaseSpace Broker 2.1.0**

**NextSeq Recipe Fragments 1.2.2**

**SAV 1.8.37**

*For NextSeq 500*

**May 15, 2014**

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## Introduction

These Release Notes describe key changes to software components for the NextSeq 500 since the release of 1.2.0. If you are updating from a version prior to 1.2.0, please review the release notes for 1.2.0 for information on the changes introduced in that release.

The software package includes:

- NextSeq Control Software 1.2.1
- NextSeq Service Software 1.2.0 – no change in this release
- NextSeq Software System Suite 1.2.2
- RTA 2.1.3 – no change in this release
- BaseSpace Broker 2.1.0 – no change in this release
- NextSeq Recipe Fragments 1.2.2
- SAV 1.8.37
- DMA Driver 1.2.1

### I. NextSeq Control Software 1.2.1

#### NEW FEATURES:

- Standalone output folder defaults to empty (previous version defaulted to D: drive).
- Added support for Mid Output sequencing kit.
- Support for DMA driver 1.2.1.

#### DEFECT REPAIRS:

- Fixed an issue involving memory buffering which in some cases could lead to instruments displays showing a blue screen.
- Fixed an issue that caused failures with BaseSpace communication when updating run status in certain time zones.

#### KNOWN ISSUES:

- None

### II. NextSeq Service Software 1.2.0

No changes were made to this application in this release.

### III. NextSeq Software System Suite 1.2.2

#### NEW FEATURES:

- Supports 1.2.1 software release.
- Installs SAV 1.8.37.
- Includes functionality to update DMA driver.

#### DEFECT REPAIRS:

- None

**KNOWN ISSUES:**

- None

**IV. RTA2 2.1.3**

No changes were made to this application in this release.

**V. BaseSpace Broker 2.1.0**

No changes were made to this application in this release.

**VI. NextSeq Recipes 1.2.2****NEW FEATURES:**

- Added support for Mid Output v1.1 reagent cartridges.

**DEFECT REPAIRS:**

- Fix bug in dual indexing recipe.

**KNOWN ISSUES:**

- None

**VII. SAV 1.8.37****NEW FEATURES:**

- Added support for HiSeqX run folders and output. SAV 1.8.37 is compatible with all Illumina sequencers.
  - Please note: On NextSeq 500 and HiSeqX systems, the Index tab will not be populated unless fastq conversion and demultiplexing is completed via the bcl2fastq 2 converter. For more information on performing demultiplexing and bcl to fastq conversion of NextSeq and HiSeqXten data, please refer to the NextSeq 500 System User Guide, the HiSeqXten System User Guide and the appropriate bcl2fastq2 User Guide.

**DEFECT REPAIRS:**

- On HiSeq 1000, 1500, 2000 and 2500 systems, if a sample sheet created by Illumina Experiment Manager version 1.5 or above is used, the Index tab information will now be properly populated.

**KNOWN ISSUES:**

- None.
- Control Panel Programs and Features may show entries for previously installed version after updating.

**VIII. DMA Driver 1.2.1**

Part number: 15051678

Date: May 05, 2014

Template No: 15048849 Rev A

**NEW FEATURES:**

- None

**DEFECT REPAIRS:**

- Fixed an issue involving memory buffering which in some cases could lead to instruments displays showing a blue screen.

**KNOWN ISSUES:**

- None