iSeq^{TM} 100 System Release Notes

Suite Installer v1.3.0

iSeq^{TM} 100 Control Software Server v1.3.0

iSeq^{TM} 100 Control Software Client v1.3.0

Firmware (FW) v1.3.0

Real-Time Analysis (RTA) v2.12.5

Universal Copy Service (UCS) v1.5.4

Local Run Manager v2.1.2

17-AUG-2018

Introduction

These release notes detail new features, improvements, and known issues for the iSeq 100 Sequencing System. For more information on the iSeq 100 System, see the *iSeq 100 Sequencing System Guide (document # 1000000036024)* on the Illumina website.

The software package includes:

- Suite Installer v1.3.0
- iSeq™ 100 Control Software Server v1.3.0
- iSeq™ 100 Control Software Client v1.3.0
- Firmware v1.3.0
- Real-Time Analysis (RTA) v2.12.5
- Universal Copy Service v1.5.4
- Local Run Manager v2.1.2

I. Suite Installer v1.3.0

KNOWN ISSUES

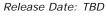- The following prompt will appear during software install.

  Select **Yes**. If No is selected, contact Illumina Technical Support. This prompt enables Software Restriction Policies (SRP). See the *iSeq 100 Sequencing System Guide* for more information.

II. iSeq Control Software Client v1.3.0

NEW FEATURES

- The "Save thumbnail" option now includes additional images to aid in run debugging.
- Average Q30 for Read 1, Read 2, and projected output is written to run completion file.

- Added ability to access Local Run Manager through the control software drop-down menu

- Enabled editing of Universal Copy Service account via the Network Configuration tab in System Settings.

- Enhancements and robustness added to Pre-Run Check for imaging, storage space, and transfer checks.

- Updates to system check specifications for reliability and robustness.

BUG FIXES

- Eliminated intermittent failures to connect to embedded system during instrument initialization.

- BaseSpace™ Sequence Hub communication error is displayed on the correct screen during first time setup.

- Process Management page wording updated upon run deletion failure.

- New runs no longer prevented due to errors from previous run.

- Multiple updates to error messages for UCS connection loss, software update failures, cartridge loading errors, and system check failures. These changes improve clarity and suggested corrective action.

- Saving of system settings supported despite BaseSpace Sequence Hub communication error.

- User interface updates.

- Resolved error generated when clicking Q30 values on run screen.

KNOWN ISSUES

- Using a sample sheet on a mapped network drive in manual mode results in a run failure. To avoid this failure, move sample sheets to the local hard drive before starting a run.

- Minimizing control software during a sequencing run might result in pre-run checks or run failure.

- Immediately launching the System Check screen after launching control software might freeze the user interface. Allow 3–5 seconds after initialization before launching system checks.

III. Universal Copy Service v1.5.4

NEW FEATURES

- Enhanced robustness of file copying and upload process

KNOWN ISSUES

- No known issues.

IV.   Local Run Manager v2.1.2

NEW FEATURES

- Added storage space availability check.
- Run setup unable to proceed when Local Run Manager does not have access to the user designated run output folder.

V. Server v1.1.0

- No known issues or new features.

VI.   Real-Time Analysis v2.12.5

- No known issues or new features.

VII. Firmware v1.3.0

- No known issues or new features.