

## Supported instruments and chemistries

SMRT Link Cloud v26.1 supports the following:

Revio <sup>®</sup> system	Instrument software v13.5, all chemistries
Vega <sup>™</sup> system	Instrument software v1.1.0, all chemistries

The **Sequel<sup>®</sup> II and IIe systems** are not supported by SMRT Link Cloud. A local installation of SMRT Link v13.1 is required. Please see <https://www.pacb.com/support/software-downloads/> for details.

## Supported data transfer options

- Direct transfers to network storage over an encrypted connection provided by SSH.
- Direct file transfer to cloud storage for Amazon S3, Google Cloud Storage, and Microsoft Azure Blob Storage, and S3-compatible API, including Oracle Cloud Object Storage and Cloudflare R2.

**Notice: SMRT Link Cloud v26.1 no longer supports unencrypted rsync daemon transfer for Revio.** File transfers using this option will fail and transitioning to a supported transfer option such as SSH (srs) or direct to cloud, is required.

SMRT Link Cloud upgrades are performed automatically for all users during the maintenance window.

# Support for the new Revio SPRQ<sup>™</sup>-Nx consumables and SMRT<sup>®</sup> Cell multi-use

## Instruments

- For active and recently completed runs with Revio SPRQ-Nx consumables, the “Start Within” time, “Remaining Uses” number, and “Additional Information” fields are displayed for each multi-use cell with at least 1 use remaining.

## Runs

- When creating a new Run Design for Revio, Revio SPRQ sequencing plate-Nx is now an option when selecting Plate 1 and Plate 2 consumables in Run Information.
- For in-progress and completed runs with multi-use cells, the Run Details table includes a Cells section that displays “Cell type”, “Use”, and “Cell Id”. “Cell type” is either Single use or Multi-use. For multi-use cells, “Use” number indicates if a collection was generated on a first (1) or second use (2). The CSV export of Run Details includes new fields for “Cell ID”, “Cell Use Count”, and “Is Multi-Use Cell”.

# New Features and Updates

---

## Overall

- **Feature Request:** Loading concentration is now included in the Export Run Details CSV.
- **Administration:** Audit Logs are now available to Admin users in SMRT Link for tracking user and system actions across connected instruments and SMRT® Analysis workflows. New audit log API endpoints are documented at: <https://smrtlink.pacbcloud.com/docs/services>.
- **Run Design:** Barcode sets now support predefined barcode pairs. Barcode pairs are selected during Run Design. Symmetrically barcoded samples continue to be demultiplexed on instrument, while asymmetrically barcoded samples must be demultiplexed manually.

## Data Management

- New Data Management module is now available to SMRT Link Cloud users. Dataset reports are now available for all runs through Data Management.
- Dataset import can be used to restore dataset reports for completed runs when automatic import does not complete successfully. For additional details see SMRT Link Cloud user guide v26.1.
- Barcode sets are now classified as symmetric or asymmetric based on barcode pairing definitions. Symmetric barcode sets use matching barcode pairs, while asymmetric barcode sets use predefined forward and reverse barcode combinations. See the SMRT Link Cloud user guide v26.1 for more details.

## SMRT Analysis *beta*

- SMRT Analysis module visibility is now enabled for SMRT Link Cloud users. Execution of SMRT Analysis workflows currently requires a customer-managed **AWS** environment and PacBio assisted configuration.
- Enabling workflow execution through SMRT Analysis is a limited-access beta feature available for select **Revio** SMRT Link Cloud customers.
- At initial release, supported workflows include:
  - Demultiplex Barcodes
  - Undo Demultiplexing
  - Read Segmentation
  - Export FASTQ
- Contact PacBio Support for additional information regarding beta eligibility and enablement.

## Fixed issues

---

- **Run Design:** Fixed an issue where, for the Kinnex™ single-cell RNA application, when assigning Bio Sample names interactively, the populated default for "bcM0001--bcM0001" is "Bio Sample 1" and erroneously contains a space. Spaces are not an allowed character for Bio Sample names.
- **Runs:** Fixed an issue where, in some instances, a completed run's status reverted to Ready.

## Known issues

---

- **Sample Setup:** For Loading Calculator samples, Sample Setup CSVs cannot be imported or exported.
- **Run Design:** In some cases, creating a new Vega run design may become unresponsive "Loading Applications" on the first attempt. Retrying the operation is expected to resolve the issue.
- **Run Design:** In some cases, a run design may incorrectly allow duplicate sample wells to be assigned. Run designs containing duplicate wells cannot be loaded on the instrument. As a workaround, create a new run design.
- **Run Design:** For some users, when setting up a run with new and used sequencing plates, the new plate wells may be labeled as used. Once saved the run can still be executed and there is no impact to the run.
- **Run Design:** When interactively assigning Bio Sample names to barcodes, selecting multiple cells and pressing DEL will delete the Run Design. Only one cell should be deleted at a time.
- **Run Details:** In Revio runs that use Adaptive Loading, SMRT Link may underreport the displayed loading time for collections where loading extends beyond the configured default time of two hours. Sequencing results, run execution, instrument performance, and actual run duration are not affected.
- **Run Details:** The Run Details table reports "Read quality (median)" however, the CSV export of the run details table erroneously has column header "Mean QV" instead. Please correct the header after export, if desired.
- **Data Management:** For low productivity runs (less than 1%), the number of HiFi reads reported in millions of reads is rounded to 0. The total count of reads is reported in the CCS Processing section of the report

Research use only. Not for use in diagnostic procedures. ©2026 Pacific Biosciences of California, Inc. ("PacBio"). All rights reserved. Information in this document is subject to change without notice. PacBio assumes no responsibility for any errors or omissions in this document. Certain notices, terms, conditions and/or use restrictions may pertain to your use of PacBio products and/or third-party products. Refer to the applicable PacBio terms and conditions of sale and to the applicable license terms at [pacb.com/license](https://pacb.com/license). Pacific Biosciences, the PacBio logo, PacBio, Circulomics, Omniome, SMRT, SMRTbell, Iso-Seq, Sequel, Nanobind, Revio, Revio SPRQ, Kinnex, PureTarget, SPRQ, Vega and Vega SPRQ are trademarks of PacBio.

Reference to third-party companies, products, or services are for informational purposes only and do not imply endorsement, sponsorship, or affiliation.

See <https://github.com/broadinstitute/cromwell/blob/develop/LICENSE.txt> for Cromwell redistribution information.