SMRT® Link Cloud release notes (v25.3)

PacBio

Supported instruments and chemistries

SMRT Link Cloud v25.3 supports the following:

Revio® system	Instrument software v13.3, all chemistries
Vega™ system	Instrument software v1.1.0, all chemistries

The **Sequel® II and IIe system** is 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 v25.3 will be the last release with the unencrypted rsync daemon transfer for Revio. Once disabled, file transfers using this option will fail. PacBio strongly recommends transitioning to a supported transfer option.

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

New Features and Updates

Overall

- API access is now enabled, and API keys can be easily generated from the SMRT Link user interface. See the SMRT Link Cloud user guide at https://www.pacb.com/support/software-downloads/.

- New PureTarget™ carrier application for use with the new PureTarget carrier panel 1.0.

Sample Setup

- The improved Loading Calculator now displays samples in fixed order and allows viewing of all samples without having to resize the table.

- The Loading Calculator now includes the lock feature for each sample, enabling "Import from Sample Setup" during Run Design. In Run Design, the sequencing plate must be selected before a sample can be imported.

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Fixed issues

- **Run Design:** Fixed an issue where when using "Import from Sample Setup" the Application and Bio Sample name were not always populated.
- **Run Design:** Fixed an issue, where when importing Run Design CSV, Bio Sample names with unallowed characters such as spaces would create a run design with empty Bio Sample names instead of producing an error as expected.

Known issues

- **Sample Setup:** For Loading Calculator samples, Sample Setup CSVs cannot be imported or exported.
- **Run Design:** By design, Plate 1 and Plate 2 must be the same part number for Revio run designs. When using both the 4 rxn Revio SPRQ™ sequencing plate and 1 rxn Revio SPRQ sequencing plate, separate run designs must be created for each product.
- **Run Design:** 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. The default Bio Sample names must be edited to exclude spaces to save the run design.
- **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.