#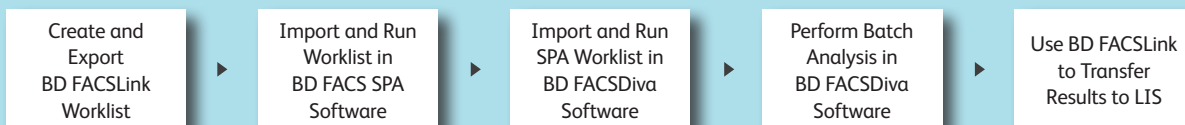 Quick Reference Guide for Using Custom Panels with BD FACS™ SPA and BD FACSDiva™ Software and the BD FACSLink™ LIS Interface

This guide contains instructions for using custom panels* created in BD FACSDiva™ software (v6.1.3 and later) and BD FACS™ SPA software (v3.0.1 and later) with the BD FACSLink™ laboratory information system (LIS) interface.
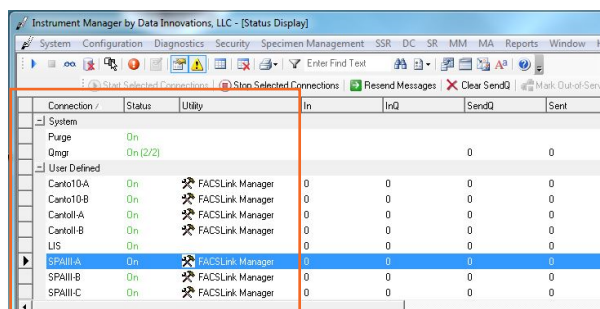
Workflow Overview

Create and Export BD FACSLink Worklist ▸ Import and Run Worklist in BD FACS SPA Software ▸ Import and Run SPA Worklist in BD FACSDiva Software ▸ Perform Batch Analysis in BD FACSDiva Software ▸ Use BD FACSLink to Transfer Results to LIS

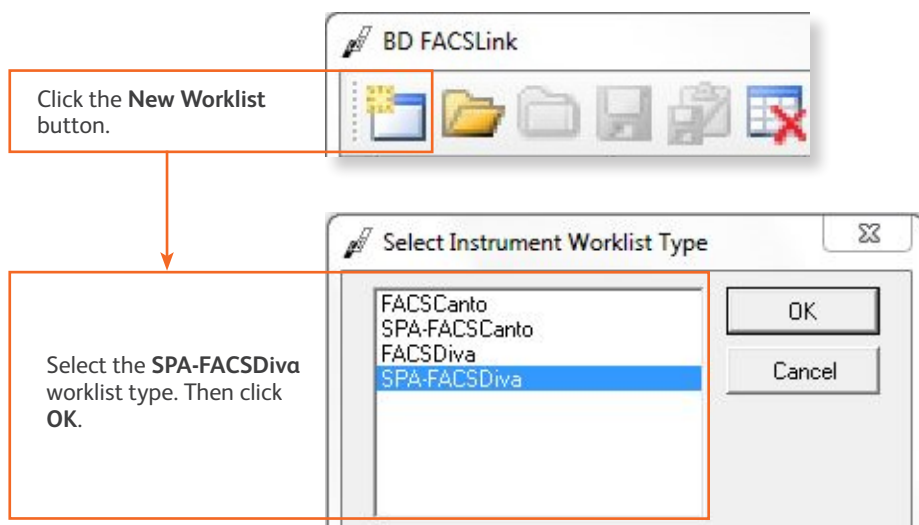## Creating and Exporting a Worklist in BD FACSLink (Instrument Manager) Software

1 Start Instrument Manager software and log in.

2 Open BD FACSLink by clicking **FACSLink Manager** under the **Utility** tab for the appropriate connection.

Enter your connection here _____

Select the connection you want.

3 Create a new worklist.

Click the **New Worklist** button.

Select the **SPA-FACSDiva** worklist type. Then click **OK**.

4 Enter or scan in the **Specimen ID**, then press **Tab**. Select the **Panel**, if needed, and enter the **Carousel ID**, then press **Enter**.

5 Export and save the worklist.

Click the **Export** button on the tool bar. Select **Export Entire Worklist**. Name and save the worklist to the appropriate location on the (S:) drive.

Enter your location here _____

6 Exit BD FACSLink software.

Importing and Running a BD FACSLink Worklist in SPA Software

1 Start SPA software and log in.

2 Select **File > Open Prep Worklist**.

Open the location on the (S:) drive where you saved the worklist previously. Select the worklist and then click **Open**.

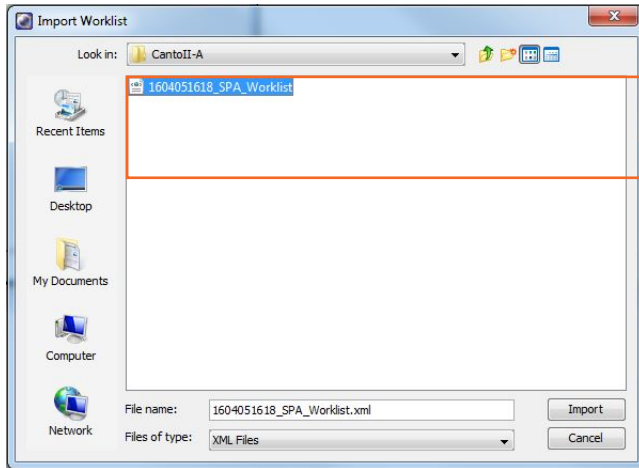**3** Select the reagent rack ID you want.

4 Click **Run**.

5   A dialog will open prompting you to save the worklist. Name and save the worklist to the appropriate location on the (P:) drive.

Enter your location here _____

6   Close the worklist and perform the SPA shutdown procedure, as needed.

Importing and Running a SPA Worklist in BD FACSDiva Software

1   Start BD FACSDiva software and log in, if needed.

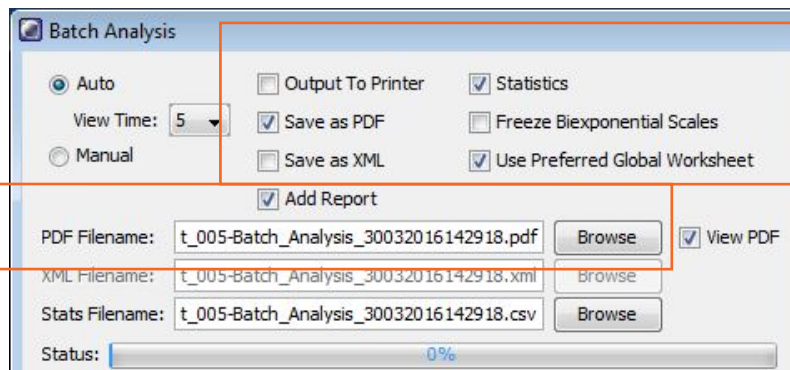**2**   Select **File > Import > Worklist.**

Open the location on the (P:) drive where you saved the worklist previously. Select the worklist and then click **Open**.

3   Verify the settings in the **User Preferences** dialog, if needed.

4   Select **Carousel > Carousel Setup** and verify the settings.

5   Run the worklist.

Performing Batch Data Analysis in BD FACSDiva Software

1   In the **Browser**, right-click the experiment containing the data you want to analyze, and select **Batch Analysis**.

2   Make the appropriate selections in the **Batch Analysis** dialog, then click **Start**.

Select to save as a PDF and to export statistics (one CSV file containing exported statistics from all analyzed tubes).

Save PDF and statistics files in the default locations.

3   If you need to adjust the gates during batch analysis, click **Pause**, adjust the gates, and then click **Continue**.

Transferring Results to the LIS

1 Start Instrument Manager software and log in.

2 Open BD FACSLink by clicking **FACSLink Manager** under the **Utility** tab for the appropriate connection.

Enter your connection here _____

3 Display the **BD FACSLink** window and transfer the results.

Click the **Transfer Diva Results** button, select the statistics file to transfer, and click **Open**.

4 Exit the software.

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