As clinical laboratories strive for improved productivity, the need to interface laboratory instruments to a Laboratory Information System (LIS) has become increasingly important. The BD™ FACSLink LIS interface provides an easy-to-configure solution for clinical and research laboratories.

**Connect to a Laboratory Information System**

Developed in collaboration with Data Innovations, a leading middleware provider experienced in clinical applications, this LIS interface solution allows the direct transfer of information between BD clinical instrument software and an LIS, reducing errors commonly caused by manual transcriptions.

**Improve productivity, reduces operator errors**

Powered by Data Innovations Instrument Manager™ (IM) software, BD FACSLink enables customers to create worklists containing downloaded LIS test requests for *BD FACSCanto™, *BD FACSCanto™ II, and *BD FACSCalibur™ cytometers and for the BD FACS™ Sample Prep Assistant II (SPA II). BD FACSLink also allows customers to select and transfer reviewed results from the instrument software to the LIS with no manual entry.

**Create worklists for use in BD clinical instruments**

Customers select the type of BD instrument worklist to create, then enter the sample IDs into the worklist manually or using a barcode reader. The test request information, previously downloaded from the LIS, will match the sample ID and automatically populate the worklist. If more than one test request is displayed, the user can select the correct test request to run in the worklist.

Based on the test request, BD FACSLink automatically populates the carousel and tube position data in the worklist. At this point, a user can add information to the worklist and export it to a shared folder to be used with SPA, BD FACSCanto clinical, or BD Worklist Manager software. Automating the entry of sample and test request information from the LIS into the BD instrument software saves time and eliminates manual processes.

Visit [bdbiosciences.com](http://bdbiosciences.com) for more information.
**BD FACSLink** Laboratory Information System Interface Solution

**Transfer results to the LIS**
Once users complete acquisition and analysis using BD FACSCanto clinical, BD Multiset, or BD HLA-B27 software, they can transfer the reviewed results back to the LIS through BD FACSLink. Users can browse for a result file to be loaded into Instrument Manager, storing the results until they are ready for release to the LIS. Results can also be released directly to the LIS without holding them in IM.

**Remote access from any BD workstation**
The BD FACSLink LIS interface solution provides a remote access capability, which allows users to create a worklist or transfer analyzed and reviewed results from any BD workstation in the laboratory. BD FACSLink operates on a PC running Microsoft® Windows® XP, making it easy to integrate into most laboratory environments and workflows.

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**Figure 2.** With BD FACSLink, users can create four types of worklists: a BD FACSCalibur worklist, BD FACSCanto worklist, and SPA worklists for either BD FACSCalibur or BD FACSCanto cytometers.

**Figure 3.** The BD FACSLink default configuration will hold all results for verification in Instrument Manager. Users can review results in the Specimen Management workspace before releasing them to the LIS.