

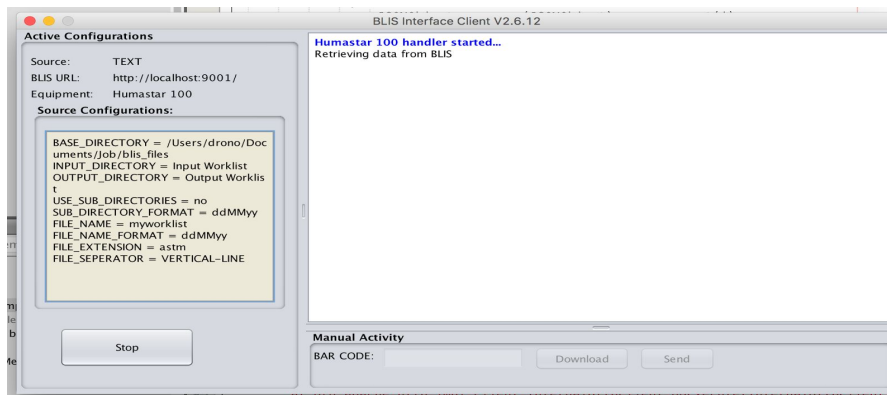
Introduction

The Humastar 200 integration is a two way integration between the equipment and the blis system. The two system communicate via an application that sits between the Blis system and the Humastar machine.

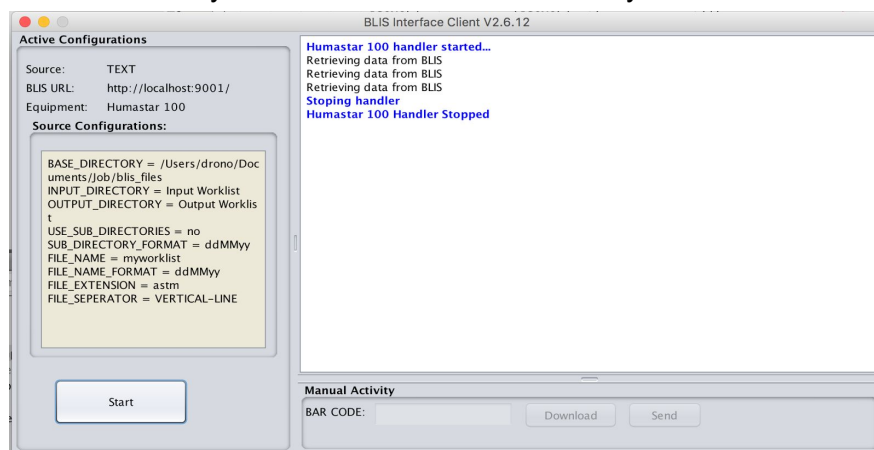
The first phase of the integration covers LFTS tests only and the subsequent updates will ensure that RFTS and Lipid profiles are also part of the tests to be conducted.

How to use Blis Interfacing Client

1. Open the Blis interface client by double clicking on it's icon in the desktop
2. The application will open and automatically check for all pending LFTS tests in the Blis system for the particular day.



3. Once pending tests are found, a worksheet will be automatically created, after the worksheet is created click stop to avoid many worksheets being generated. Immediately you click stop the system will start waiting for the results. Once the results are found they will be sent to blis automatically.



4. To retrieve new tests sent to the device you click the start button and then after fetching the new batch you can click the stop button to process the new results.

Troubleshooting

Without clicking stop, the software will create multiple worksheets. These can be easily deleted.

How it Works

The computer which sits between the equipment and Blis runs an Interfacing client which helps us to exchange data between the two system. These are the steps involved in the overall data exchange:

1. When the application is started, it query the Blis system to retrieve all the pending LFTS tests.
2. When a Test is found it is processed and a worksheet with the test details is added to the Humastar software.
3. The technologist has to assign positions to the samples, the tests are then executed.
4. When the tests have been completed successfully, the lab technologist approves the worksheet which result in generation of another output file.
5. The Blis interfacing client will automatically check for the file which contains the results.
6. The file is then loaded on the the interfacing client, processed and results sent back to the blis system.
7. The blis system updates the test results automatically and the process ends.