

Instrument Interfaces

Instrument interfaces will be pieces of software that are designed to send and receive data between the LIS software and the instrument. This software is needed because the way data is handled on the various instruments varies from instrument to instrument and from vendor to vendor.

The LIS software will handle it's side of the communication in a standard manner, but the instruments will handle the data differently which means some translation needs to be made. The data from the LIS software will be sent to the instrument interface where it will be re-organized into a format the instrument can understand. The instrument will then run the requested tests and then send the results back to the interface where the interface software will re-organize the data so the LIS software can then process the results.

The configuration of the interfaces will be different for different instruments and also the methods will vary between different vendors. You will have to look at the instrument and LIS software documentation at your facility in order to gain more details than presented here.