



One of the world's leading companies for laboratory data management solutions

Aurora Brand Portfolio

Biomedical Data Solutions provides software systems and direct support to some of the world's largest and most sophisticated processing laboratories.

Aurora Software Functionality

Aurora is the core of Biomedical Data Solutions product portfolio. Aurora can operate in both a server or workstation environment. It can be scaled to fit into small, medium or large laboratories.

Our installed base ranges from small, boutique laboratories to large volume labs producing more than 75,000 results per day. Aurora is designed to be easy-to-use and to have a broad range of functionality.

The software captures and collates data provided by laboratory instrumentation. This data can be in the form of final results data or instrument reading data where the software applies the required control validation and data reduction steps to produce a result. The software includes functionality for sample management, results management and reporting.

Strategic Data Solutions

- High quality proven solutions backed by 5,000 worldwide installations.
- Assess laboratory software needs and leverage existing software functionality.
- Provide a customized specific solution if required.
- Enhancing laboratory efficiency and workflow productivity by linking systems throughout the organization.
- Improving the value of laboratory instrumentation automation and laboratory information systems.

Our software solutions provide a simple and flexible means of:

- Work listing and results management
- Dashboard display of critical information
- Capture of data in any format from any source
- Import/Export of instrument data to host system
- Flexible solutions for interfacing and connectivity of analyzers
- Pooling applications
- Interfacing multiple analytical platforms
- Linking liquid handling systems and analytical platforms
- Test profile management and client reporting - LIMS-Lite functionality

Modular Software Packages

We supply our range of modular software packages and support direct to laboratories with minimal configuration required.

Each package is supported by our dedicated software team, either on-site or remotely.

Aurora Enterprise

Aurora Enterprise is the core of Biomedical Data Solutions product portfolio. Aurora Enterprise is a software platform which captures any type of data provided by laboratory and instrument software.

The data can be in the form of sample related data or instrument specific information that needs to be verified against other data. The software includes a powerful user configurable Rules Engine for data management, sample management and reporting. Dynamic and real-time workflow information is presented on a visually appealing highly configurable graphical display.

Aurora Liberty SRImport

Aurora Liberty SRImport imports results from laboratory instruments, typically chemistry analyzers. Consolidates predetermined results from external instruments. The software does not contain any interpretation algorithms as it relies on the instrument for interpretation of results and QC. From within the software the operator can hold, review and invalidate data to prevent export to an external system.

Aurora Vigilant

Aurora Vigilant is a maintenance software package which enables the laboratory to actively manage and electronically document tasks throughout the laboratory. Aurora Vigilant tracks all lab maintenance, including: work surface cleaning, instrument maintenance, electronic recording and storage of maintenance history. The status of the equipment can be used to dictate which aspects are actively managed.

Aurora Stats

Aurora Stats provides quick, efficient statistical evaluation of control data. The interface can support direct analyzer data input or manual entry. Standard Precision Levey-Jennings with Westgard Rules are assignable. Aurora Stats can receive data from a wide range of instruments and allows for manual entry of QC data if required.

Aurora Bi-directional Interface (ABDI)

ABDI is an interface tool that facilitates electronic data exchange between an external source and Middleware Software. Examples of external sources are laboratory instruments and Laboratory Information Systems (LIMS). It is primarily used where the output from a device such as a laboratory analyzer is not compatible with the receiving middleware system.

Aurora Acclaim

Aurora AccLalM is accessioning software which takes sample data and results information and compiles it for complete test order profile management. Aurora AccLalM generates test orders (profile or individual tests) and the reconciliation of orders versus the samples received. Aurora AccLalM reports at client level and can accept initial orders by electronic file transfer, bar code scanners or manually via a keyboard. Orders can be generated within Aurora or imported from a Laboratory Information System (LIMS) or other device such as a decapping or racking device.

FIND OUT HOW WE CAN HELP

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