

LabVantage 7

Run your lab more efficiently. Secure your data in a central system and ensure compliance.

LabVantage 7 is trusted by the largest companies to run their labs. Run your lab more efficiently by automating tasks and integrating with instruments and systems. With a flexible system along with an experienced professional services team, you can minimize the risk of project delays or failures. LabVantage solutions can easily adapt to evolving business requirements, and help you reduce your total cost of ownership through reduced maintenance and training.

Key Benefits:

- Robust and flexible to adapt to changing business needs over time
- Comes ready for integration with instruments and systems
- Prepackaged, pre-validated editions accelerate implementation

Key Features



Sample Lifecycle

- **Sample Management** Manage samples through their entire lifespan with end-to-end traceability.
- **Batch Management** Process and test samples in raw material or finished product batches.
- **Analytical Quality Control** Monitor the accuracy of analytical methods, using control samples.
- **Reagents and Standards Management** Manage reagents, standards and other laboratory consumables lifecycle.
- **Advanced Storage and Logistics** Inventory management for samples, reagents, and other items in the laboratory.
- **Stability Management** Manage shelf-life testing and product batch stability.
- **Plate and Gel Handling** Manage handling and processing of plates, gels and other arrays.
- **Request Management** Handle submission, review, testing and release of external samples.
- **Scheduler** Schedule tasks or events including sample registration, reports and work.



Laboratory Execution

- **Instrument Management** Track usage, maintenance and calibration of instruments and their parts.
- **Analyst Certification** Track user certification to execute test procedures.
- **Workflow Designer** Easy-to-use designer to model laboratory processes in system.
- **Guided Execution** Guide the laboratory user through tasks in a step-by-step manner.
- **Activity History** View all activities that have occurred in a workflow.
- **Barcode Generation** Print formatted barcodes using Seagull Scientific Bartender integration.
- **Corrective Action and Preventive Action** Identify, investigate, and report incidents occurring through laboratory operations.



Data Retrieval

- **Reporting** On-demand reporting and data visualization using industry standard tools.
- **Dashboards** View all your key performance indicators (KPS's) at a glance.
- **Ad-hoc Query** Define a data query using search filters and export data.
- **Search Engine** Built-in search engine to look for data across the system.



Instrument and System Interfacing

- **Instrument Integration** Interface with most networkable instruments.
- **SAP Integration** SAP certified bi-directional data transfer between SAP and LabVantage.
- **Empower Connector** Enter data into LabVantage from within Empower system.
- **NWA Integration** Perform statistical quality control (SQC), charting and analysis through a seamless interface.



Security and Auditing

- **Data security** Restrict access to data based on role, department or object -level permissions.
- **Auditing** Store and view changes made to records.
- **Single sign-on** Enable single sign-on using LDAP or other SSO implementations.
- **Electronic Signature** 21 CFR Part 11 requirements for electronic records and signatures supported.



Framework

- **Configuration tools** Configure and extend user interface, data model and business logic without programming.
- **Data import** Import and process data from different file formats (CSV, delimited, XML and Excel.)
- **Collaboration** Add notes and comments to any data item including samples, results, etc.
- **Internalization (i18n)** Unicode, multi-lingual, time zones, regional settings, data formatting support.
- **eForms** Enter data in a form that looks and feels like a paper form.
- **Web services** SOAP based web services enable easy integration with other systems.



About LabVantage:

LabVantage Solutions, Inc., the leading global laboratory informatics provider, is headquartered in Somerset, NJ and has offices around the world. LabVantage's industry-leading solutions and world-class services are the result of 30+ years of experience in laboratory informatics. LabVantage offers a comprehensive portfolio of products and services that enable companies to innovate faster in the R&D cycle, run labs more efficiently, improve manufactured product quality, achieve accurate recordkeeping and comply with regulatory requirements. LabVantage serves thousands of labs across the globe from industries such as pharmaceutical, biotech, food & beverage, chemicals, CPG and more.

Learn more at: www.labvantage.com