

LabVantage Analytics

KEY BENEFITS

Fully embedded into LabVantage LIMS

100% HTML5 browser based so there are no client programs that need to be managed

Completely self service

No need for extensive SQL language knowledge

Building an enterprise-wide data infrastructure and effectively utilizing the data has been one of the key objectives of enterprise IT departments over the last several years. Advances in technology have helped organizations realize this – but only partially. To make progress in this dimension, organizations need to research, learn and stitch together multiple complex technology components necessitating time, money and skilled professionals.

That's precisely why organizations need a toolset that can address the concerns listed above and help improve the time-to-value metric for analytics initiatives. They need a toolset that provides coverage across the entire data processing pipeline and, at the same time, is easy to learn and easy to deploy. A lot of the potential benefits from analytics endeavors remain untapped otherwise.

Get more out of your data with LabVantage Analytics!

KEY FEATURES

Always struggling to make critical business decisions based on all your lab data stored in LabVantage?

LabVantage Analytics is the solution that allows you to visualize and analyse your data as easy as clicking a button. LabVantage Analytics is an all-purpose analytics platform that delivers faster time-to-value for your analytics initiatives at the right price point.

Are you missing a 360 overview over your LIMS?

With LabVantage Analytics you can create your own in LabVantage embedded dashboards and visualizations to create a holistic overview over your laboratory. Based on the information you need using both structured and unstructured data can be ingested using a variety of input connectors that allow ELT/ETL on command.

Tired of waiting on your IT department?

LabVantage Analytics gives the power to the end users and remove the need waiting for your IT department to build or run static reports for you, that are out dated once received. Use advanced drill down capabilities to find potential issues quickly and make informed decisions based on data.

Want to get more out of your data?

Use the predictive and prescriptive analytics capabilities of LabVantage Analytics to improve future planning of resources, remove bottlenecks or gain more overall efficiency all using your lab data currently unused in your LIMS. Use machine learning or AI to make your lab smarter or it's processing on the application server. As a result, the database server is not CPU intensive; rather it tends to be I/O intensive. Therefore, a high throughput disk sub-system is recommended. When configuring the database server, organizations should consider the number of concurrent users, amount of historical data, and which database engine will be used. Database connections are pooled by the application server, so database-level connection pooling is typically not required or recommended.

Tracking your lab processes on the go?

No more waiting for long time batch processes to collect your data and present this to the end user. LabVantage Analytics provides your real-time access to your data to visualize, analyse and process at any time. This may help you providing live feedback of your manufacturing process by generating proactive alerts.

For Every Enterprise

LabVantage Analytics has been architected to enable organizations to ingest and process data either in real-time or in batch mode. Both structured and unstructured data can be ingested using a variety of input connectors that allow ELT/ ETL on command. An industry-leading storage engine enables distributed storage and processing of variety-rich data at near-infinite scalability. And, integration with leading tools like R and Python unlock the power of predictive and prescriptive analytics - far beyond what enterprises typically do with their analytics toolsets.

Innovative Data Analysis

LabVantage Analytics delivers a solid foundation for your analytics journey from Descriptive Analytics to Predictive and Prescriptive Analytics. Coupled with targeted solution-centric professional services, LabVantage delivers value to various business roles one encounters in a typical enterprise.

The Executive:

Rapid Delivery Of Business Value

Use accelerators to speed up your implementation.

Leverage existing data assets & investments.

Build bespoke solutions to complex business problems.

The Technologist:

Scalability and Flexibility

Grow as your business grows.

Ingest and process both in real-time and batch mode.

Use structured and unstructured data.

The Analyst:

Self-Service Decision Engineering

Use powerful self-service capabilities

Access 500+ data visualization options Leverage

RBAC and fine-grained data security

The Data Scientist:

Pre-Integrated Data-Science Tools

Optimize data analysis through predictive

Leverage machine learning capabilities algorithms

Analyse data results with popular tools (R & Python)