Food Safety Net Services Uses LabVantage to Significantly Improve Lab Operations Efficiency

Food Safety Net Services is a network of ISO/IES 17025: 2005 accredited laboratories that provides a wide range of microbiological testing and analytical services for the Food & Beverage industry. Testing includes routine and non-routine quantitative and qualitative analysis following standardized and validated methods such as AOAC, USDA, AOCS, FDA, ASTA, USP and more. In addition to the comprehensive set of laboratory testing services, FSNS also provides a range of auditing services that synergistically improve the effectiveness of food safety and quality programs. FSNS helps companies ensure that their food safety and quality programs provide the critical information they need to continually improve their process controls and measurement systems. They assist organizations in meeting and developing effective contingency planning in accordance with governmental regulatory requirements.
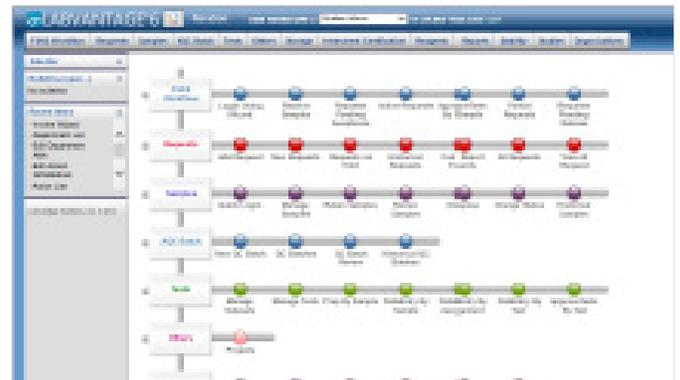
Key Challenges

FSNS struggled with an outdated, heavily customized LIMS which was based on older technology, and was difficult to upgrade. The legacy system was unable to satisfy FSNS' expanding need for a robust solution with a thin client or browser-based access. FSNS also required an intuitive and easy to use interface for their growing user base as they continued with their business expansion. They needed a flexible solution that supported frequent customer audits. It was critical for FSNS to have the ability to connect sophisticated lab instruments to LIMS for automated data capture and eliminate manual data entry.

Efficiency at FSNS was severely impeded by an outdated system.

System Sought

FSNS sought a modern, dynamic, flexible and 100% browser-based solution with the ability to support common food testing sample types, which could be configured and associated with various tests. A common browser-based interface for all users was a key requirement. Superior system performance was also a critical requirement to meet the growing business demands. FSNS required the ability to connect with simple lab equipments (e.g. digital scales) and bi-directional interface with complex /computer controlled equipments. The system also needed to interface with other systems, such as Great Plains Accounting Software, customer systems & SharePoint. Lastly, it was critical for FSNS to implement a customer portal to be able to provide their world-class service and live access to data to meet their customers' expectations.

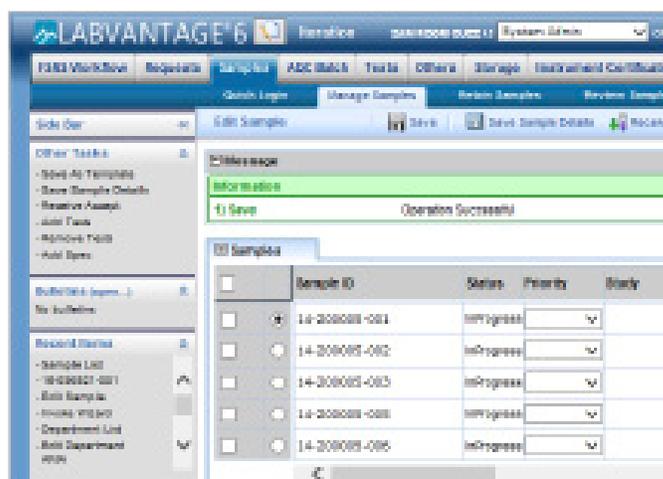LabVantage offered a dynamic, configurable and modern sitemap for single-click access.

Successful System Implementation

LabVantage has been operational at Food Safety Net Services since May 31, 2002. Based on assessments of about 100 LIMS vendors, FSNS selected the LabVantage LIMS solution for enterprise deployment, as it offered the best value considering system flexibility, responsiveness, up-front price, ongoing system maintenance costs and the ability to handle complex and emerging business needs. LabVantage helped FSNS by offering a single browser-based user interface,

and flexible sample types to eliminate test assignment mistakes and faster operating speed. FSNS has seen significant improvements in many areas of their overall lab processes. Having the ability to standardize custom sample types across various locations *speeds up login data processing times by about 15%. The page refresh with LabVantage is about 50% faster* than their legacy system, which increased user satisfaction. Having the option to enter multiple sample data on the same screen significantly *reduced the data entry time by about 15%*. FSNS was able to leverage the flexible LabVantage platform and configure the solution to meet their evolving business needs, instead of trying to work with complicated, rigid and customized system that hindered future upgrades. The system easily provides access to 50+ concurrent FSNS users without any performance compromise to ensure smooth operational efficiency. It also provides the necessary audit trail for traceability and audit purposes. FSNS is dedicated to grow their use of LabVantage, and on target to implement a LabVantage client portal to cater to hundreds of their customers.

LabVantage provided FSNS the ability to modify multiple samples and their associated details on a single screen.

Looking Into The Future

FSNS is committed to using LabVantage in their existing abs and all new labs in the future. They plan to expand the use of additional features such as label printing, e-submission, AQC batching, and a dedicated client portal. FSNS recommends LabVantage for their expertise and leadership in the LIMS industry.

ABOUT LABVANTAGE FOOD & BEVERAGE

LabVantage Food & Beverage is purpose-built for quality and compliance. The solution enforces the quality and regulatory requirements of food and beverage organizations by providing data traceability, accessibility, reporting, and other critical capabilities. Gain end-to-end management of ingredient, intermediate & finished product quality to ensure compliance with regulatory requirements (HACCP, FDA, GxP).

TO LEARN MORE about LabVantage Food & Beverage at https://www.labvantage.com/industries/food-beverage/

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ABOUT LABVANTAGE SOLUTIONS

LabVantage is a multinational enterprise software provider with over 35 years of experience in laboratory informatics, including laboratory information management systems (LIMS), electronic laboratory notebooks (ELN), and laboratory execution systems (LES). It has ongoing relationships with more than 750 clients supporting more than 1500 sites working in the life science, pharmaceutical, medical device, biobank, food & beverage, CPG, oil & gas, genetics/diagnostics, and healthcare industries. Headquartered in Somerset, N.J., with 450 employees, LabVantage offers a comprehensive portfolio of products and services that enable companies to innovate faster in the R&D cycle, improve manufactured product quality, achieve accurate record-keeping, and comply with regulatory requirements. The LabVantage platform is highly configurable, purpose-built, and 100% web-based to support hundreds of concurrent users and seamlessly interface with instruments and other enterprise systems.
For more information, visit www.labvantage.com.