

Case Study: GoLIMS Provides Data Management Backbone for Innovative Genetics Laboratory

Client Profile

AuthenTechnologies, launched in 2010 and acquired by the NSF in 2016, provides groundbreaking DNA sequencing with chemical, microbiological and certification services to an international community.



The Challenges

NSF AuthenTechnologies' growth and commitment to providing their clients the highest quality in services and products required them to move off of traditional methods for storing and capturing client data. To comply with industry standards such as ISO/IEC 17025 and FDA Good Manufacturing Practice Requirements, they needed a modern knowledge management system. Requirements included mobile accessibility, hassle-free security, little to no IT involvement, quick on-boarding of new staff, and efficient data recording, retrieval and traceability.

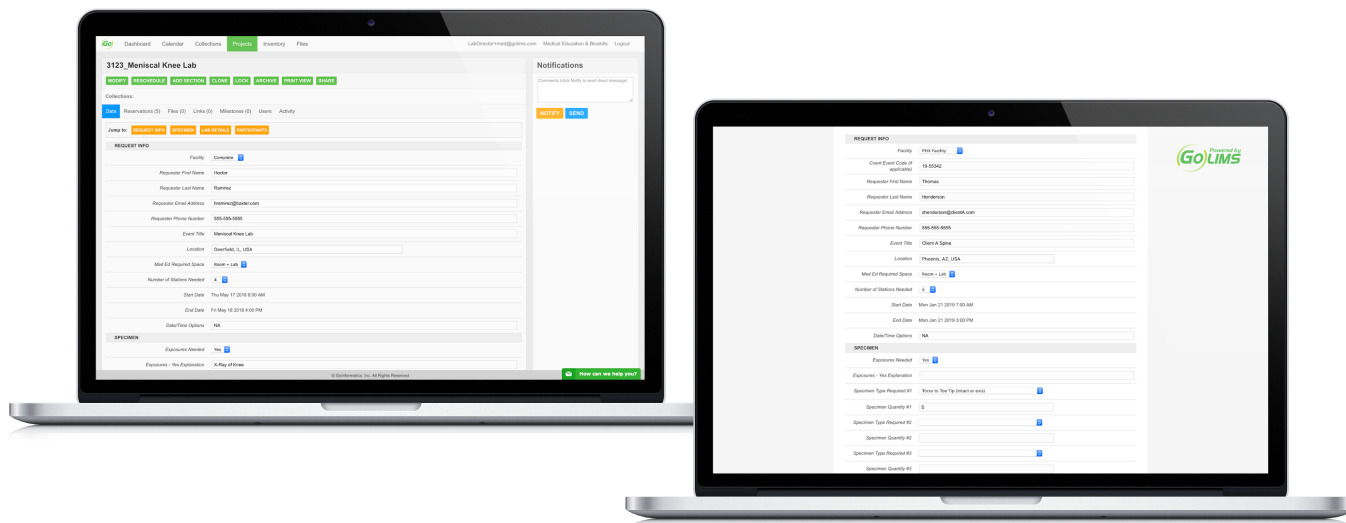
Success Highlights

Successfully deployed GoLIMS in the company's laboratory in time and on budget, delivering the following capabilities and benefits:

- **Platform Flexibility:** Implemented a workflow specific to the needs of their contract research organization which enabled them to track their research in respect to the various clients that employ their services.
- **Improved Collaboration:** Enhanced internal collaboration and eliminated data silos due to the instantaneous nature of the GoLIMS cloud platform and data storage solution.
- **Increased Communication:** The centralized notification and task system allowed all users the ability to keep each other informed of lab processes and results.
- **Accessibility:** Because of the always available, always accessible quality of our SaaS platform, researchers enjoyed access to their research from any computer at work, at home or while traveling in a secure manner. Any device that could access the internet would allow them to access their data in real-time. Accessibility was key for the CEO because of frequent travel.
- **Ease of Use:** With no software to install, no updates to apply, and a simple and clean interface, researchers and laboratory technicians quickly became comfortable utilizing the new platform.
- **Electronic Notebook Advantages:** Streamlined data capture. Recording methods included the capability for taking pictures of lab results and instantly incorporating that data into the researcher's records.
- **Inventory Management:** Store sample data and results, client information, and supplemental documentation on each record providing a holistic view of the work being conducted.
- **Centralized File Storage:** Important research data and documentation are kept in GoLIMS for ease of accessibility and accountability.
- **Reporting:** Quickly produce reports of inventory processed on behalf of a particular client.
- **Traceability (Compliance):** Secured and audited data ensured that internal and external audits were conducted with ease.
- **Auditing Authentication:** Provided independent auditing companies with laboratory records in a format that adhered to the highest standards in the field and thus secured NSF certification.

Product Screenshots

Including a data capture example and a project intake form.



Client Quote

“GoLIMS is working great for us. Not sure how we would run without it. I have been working for years to optimize our lab and show institutions like the FDA and NSF that we are able to meet regulatory requirements, and also capable to take on projects of all sizes and various levels of complexity. In our business it is extremely important to implement and demonstrate GLPs while being flexible and agile to meet our customer demands. GoLIMS provides the innovation, flexibility and agility we need in and out of the lab. It was gratifying to receive our recent NSF certification because no one ever sees all the work that goes into running an efficient lab.”


-Danica Reynaud, CEO

Additional Benefits

Successful implementation and integration of the GoLIMS platform also produced the following benefits:

- Very cost effective solutions with zero IT involvement for implementation and maintenance which allowed their company to stay lean and efficient.
- Improved efficiencies by keeping Standard Operating Procedures (SOPs), protocols and testing data accessible to all lab members.
- Secure data with automatic backups. Do not have to worry about a lost notebooks, faulty hardware or staff turnover compromising data integrity.
- Run the entire lab from an iPad.
- Quick on-boarding of new staff due to simple and fresh interface in conjunction with a defined workflow.
- Responsive partnership with GoLIMS to regularly improve and evolve the platform.

For Additional Information

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