

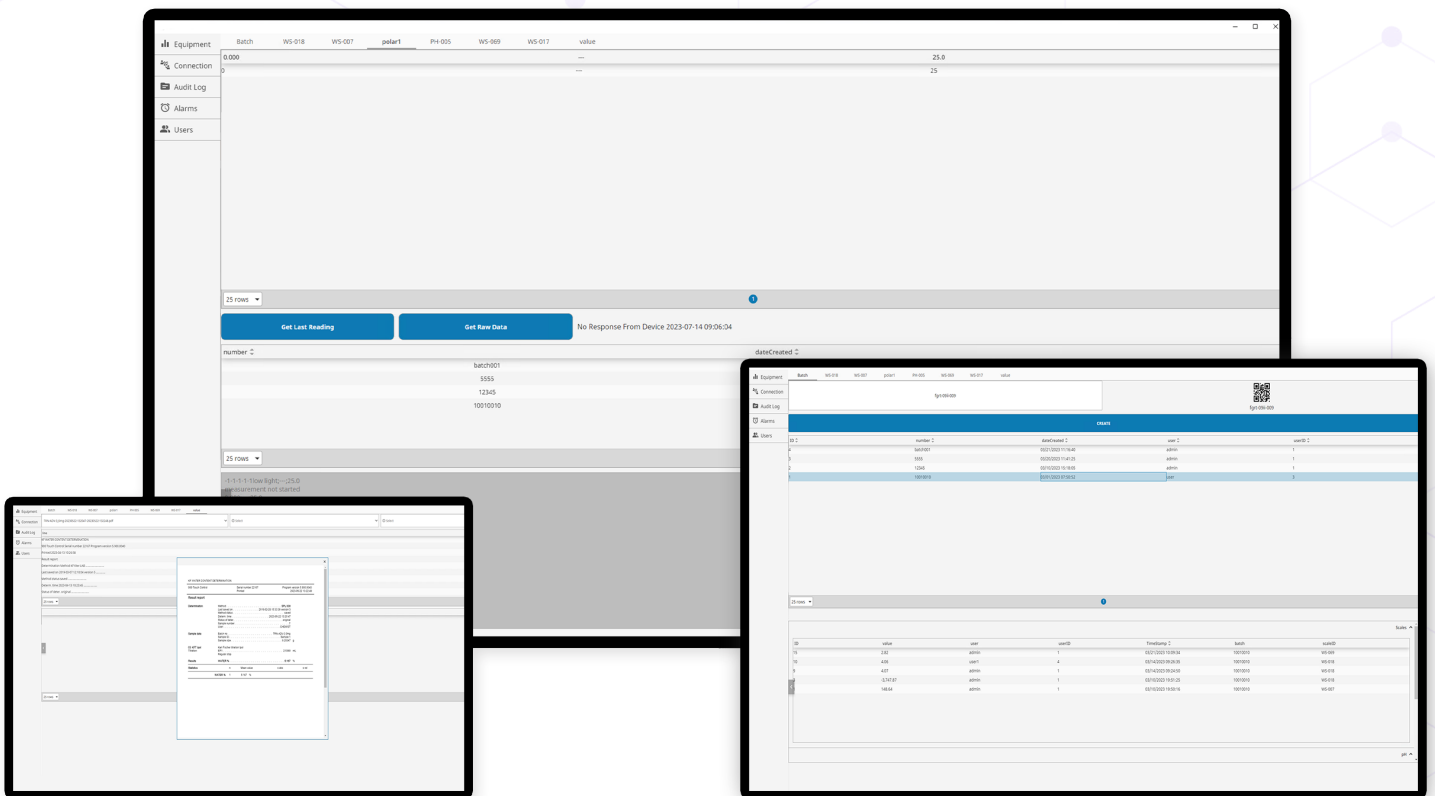
Case Study
Laboratory

Introduction

A valued customer and prominent pharmaceutical company committed to advancing patient health, sought to optimize and streamline their laboratory operations for increased efficiency, time saving and data management. Enter Gallarus who created the new Gallarus product "DataLab" for the customer which is a state-of-the-art real time data platform designed to revolutionize the way you connect, collect, and report lab equipment readings integrating them into your LIMS System. DataLab ensures seamless integration regardless of the manufacturer or model. Say goodbye to the frustration of dealing with incompatible software and complicated setups. DataLab (Part of the Gallarus "Nucleus" suite of products) provides a unified platform to connect all your lab equipment with one easy to implement solution.

Requirements

This \$11 billion turnover pharmaceutical company sought Gallarus' expertise to connect the data from all of their lab equipment, including measurement modules, pH meters, polarimeters and various scales and balancers to a centralized data ecosystem (The Unified Name-Space) . Connecting their LIMS system and creating a seamless data collection and reporting experience was also a bug requirement, saving the laboratory team large amounts of time on manual data collection and reporting. Their existing paper-based processes and manual data entry into the Laboratory Information Management System (LIMS) proved time-consuming and needed to connect in real time. Let's delve into how this cutting-edge solution sparked excellent results and the benefits achieved.



Summary and Benefits

The pharmaceutical company were impressed with speed of deployment of the solution and quality of the data integration.

Enhanced Efficiency

The digitized processes, facilitated by Gallarus, streamlined laboratory operations, minimizing manual effort, and reducing the risk of errors contributing to large time and operational costs savings.

Real-Time Data Access

The integration of lab equipment and contextualized data, enabled by Gallarus, provided the customer with real-time visibility into their lab operations, empowering informed decision-making and timely interventions.

Reduced Paper Dependency

The elimination of paper printouts and manual data entry into the LIMS system, supported by Gallarus open architecture solution via the Unified NameSpace, improved data accuracy, saved time, and reduced operational costs.

User-centric Approach

This was at the heart of implementing the solution, ensuring that the laboratory staff's needs and preferences were prioritized throughout the process. By actively involving the end-users in the design and testing phases, the solution was tailored to their specific workflows and preferences, resulting in a seamless and intuitive experience. This not only improved user satisfaction but also enhanced overall productivity and efficiency in the laboratory, aligning with the users' requirements and optimizing their daily operations.

Scalability and Future Expansion

The open architecture ecosystem provided by Gallarus allowed for seamless integration with the customer's preferred digital systems and offers scalability for future incorporation of additional laboratory equipment or applications, ensuring flexibility and adaptability to the customer's evolving needs.

Summary

Through the collaborative efforts of our valued customer and Gallarus, the digitization of laboratory operations brought about significant improvements in efficiency, data management, and accuracy. The solution eliminated manual paper-based processes, facilitated equipment integration, and provided real-time access to contextualized data. With this innovative transformation, our customer achieved a streamlined laboratory environment, enabling them to focus on their core mission of developing innovative therapies to improve patient health.