



**SYSTEMSOFT**  
TECHNOLOGIES™

CASE STUDY

# BIOLOG-ID OPTIMIZES BLOOD SUPPLY MANAGEMENT WITH BI TECHNOLOGY

How Biolog-id Used a Data Platform  
to Improve Efficiency and Save Lives

3000 Bayport Drive  
Suite 840  
Tampa, Florida 33607

Phone: (727) 723-0801

Fax: (813) 289-5359

[www.sstech.us](http://www.sstech.us)



Every year, 108 million blood donations are collected globally, providing vital blood components such as red blood cells, plasma, and platelets to save countless lives.

Biolog-id of Bernay, France, uses Radio Frequency Identification (RFID) technology to manage the blood supply from donors to patients across the globe while ensuring regulatory compliance. The traceability from donor to patient is crucial to ensure the availability and quality of blood products. The high cost and short shelf life of platelets, with a transfusable lifespan of only five days and costing up to \$500 per bag, presented a significant challenge for the blood banks and blood centers to manage inventory while minimizing waste. In addition, supply uncertainty, demand volatility, and high shortage costs fuel the complexity even more. Managing inventory and minimizing waste while meeting the demand for these life-saving products was a major challenge.

Historically, the blood centers and blood banks manually counted the blood units and sent email alerts to manage the inventory. Based on the expiration date of blood units, they rotated the inventory every morning to physically prioritize the units. This method was inefficient and inadequate for managing such a valuable and time-sensitive product. Biolog-id identified the opportunity for a real-time data visibility and information exchange platform to improve operational efficiency and future growth using RFID technology.

## Situation

### Strategy

To lower costs, minimize waste, and improve product selection, Biolog-id decided to revamp its analytics platform. By providing their customers, including blood centers, blood banks, hospitals, and pharmacies, with real-time digital visibility into inventory throughout the supply chain, they aimed to optimize the management of vital resources and reduce waste. To achieve this goal, they partnered with System Soft to design and deploy a cloud-based business intelligence (BI) portal that featured an innovative digital user experience. The BI portal was successfully deployed in under five months following several rounds of testing and refinement.



## Outcome

The newly implemented analytics platform allowed Biolog-id to offer measurable and customizable dashboards that empower decision-makers to manage operations using data generated by its RFID solution. The platform has enabled Biolog-id to offer visibility into all stages of the blood component supply chain. This eliminates the need for manual inventory tracking and allows for easy access to product and patient information by scanning RFID tags via a digital platform from any location and on any device while ensuring real-time and secure access. The digital transformation of routine processes into actionable data has led to increased operational efficiency, reduced waste, and improved inventory management.

*“ There was a lot of flexibility that we appreciated. While that might have pushed the schedule a little bit, it did not impact what we wanted to accomplish. So overall, a great experience, including the lead project manager who ensured that it was an awesome experience. ”*

**- David Jean** Director, Data & Analytics, Biolog-id

## Conclusion

Implementing a robust data analytics solution can greatly benefit organizations by centralizing data, reducing inventory waste, saving costs, and freeing up employees from manual, time-consuming tasks. By leveraging data analytics technology, organizations can obtain valuable insights into their operations and make data-driven decisions that can enhance their overall efficiency and productivity. To explore further how a BI portal solution can benefit your organization, get in touch with System Soft and its solution experts. Contact us today.

# ABOUT SYSTEM SOFT

## OUR SUCCESS STARTS WITH YOU

At System Soft, we are a family unit powered by diversity, inclusion, transparency, respect, integrity, and passion for our clients and our people. Our business growth depends on your professional development as we collaborate share ideas and innovation, and invest in our future. By forging a meaningful partnership with our people, we come together with the same purpose, exceeding our goals. This keeps us nimble, ahead of the competition, and on top of our industry. Our continued success begins with you.

## Accelerating Innovation



Gold Cloud Platform  
Gold Cloud Business Applications  
Gold Cloud Customer Relationship Management  
Gold Enterprise Resource Planning  
Gold Application Development



**SYSTEMSOFT**  
TECHNOLOGIES™



## CORPORATE OFFICE

3000 Bayport Drive, Suite 840  
Tampa, Florida 33607

**Phone:** (727) 723-0801

**Fax:** (813) 289-5359

[SSTECH.US](http://SSTECH.US)