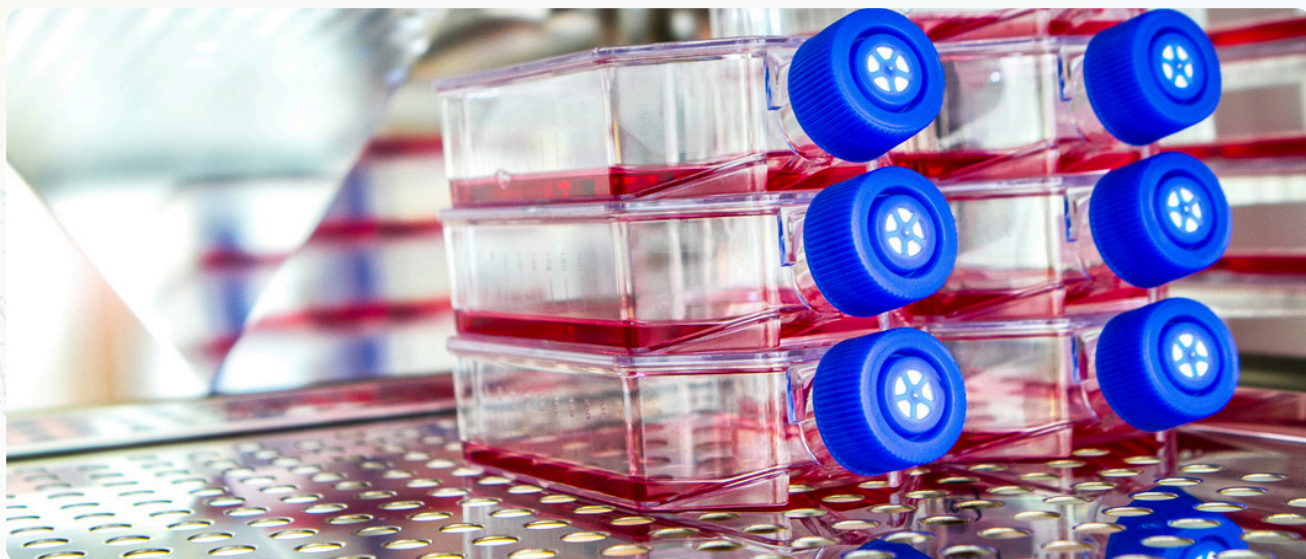




The Stakes of Stockouts: A Digital Solution for Life- Saving Products

**A Life Sciences Company Solves a Critical
Supply Chain Problem with Real-Time
Visibility**



When Booming Business Meets Broken Delivery

Striving for 100% operational precision is every manufacturer's goal: perfectly fulfilling orders, minimizing waste, and delivering flawless products on time to ensure customer satisfaction. However, without a real-time automated solution, achieving this is nearly impossible. Production teams need real-time visibility to effectively plan and coordinate across the entire supply chain, from the factory floor to the warehouse and distribution center.

THE LAST MILE PROBLEM: HOW A LIFE SCIENCE LEADER'S LACK OF VISIBILITY IN STERILE LOGISTICS THREATENS ON-TIME DELIVERY

A major life science manufacturer is facing a critical challenge: despite operating at full capacity, they are struggling with on-time delivery. A lack of visibility in the final stages of their sterile supply chain is causing costly delays and could even put lives at risk.

The problem lies with their third-party sterilization provider, located hundreds of miles away. After sterilization, the product is shipped to distribution centers and held for up to several weeks before reaching the customer's destination. The existing barcode tracking system delivered inconsistent and unreliable data, leaving critical gaps in visibility. This made it impossible to predict delivery times or proactively adjust to customer's dynamic demands. The result is a broken supply chain, where even a booming business can't guarantee timely, life-saving delivery for its product.

Sterilization-Proof RFID: The Solution for Supply Chain Blind Spots

270

As of the first quarter of 2025, there are 270 active drug shortages in the United States, according to the American Society of Health-System Pharmacists (ASHP).

When a VP of supply chain read about Tego's sterilization-proof RFID solution, he immediately saw its potential to solve his company's visibility issues. The ability of the UHF RFID product tags to withstand gamma, eBeam, and ethylene oxide sterilization made it the ideal fit for his rugged sterile supply chain.

Tego's platform is a complete, end-to-end solution that provided the automated, real-time tracking this life science manufacturer desperately needed. By deploying the system at the manufacturing facility, the third-party sterilization provider, and all distribution centers, the company gained unprecedented visibility into the final stages of its product lifecycle. This eliminated previous blind spots and provided critical data on how long products spend at each stage of the workflow.

The results were immediate and impactful. The company now benefits from:

- *Reduced production lead times*
- *Increased finished goods inventory accuracy*
- *Improved routing information*
- *24/7 product flow visibility*

The TegoHub platform solution ensures that information is accessible through mobile devices, Windows, iOS, and Android, allowing for seamless integration and reporting with workers in the field. The customizable dashboards, location mapping, and automated alerts provide managers with the tools they need to make real-time business decisions, ultimately ensuring that life-saving products reach customers on time, every time.

Real-Time Results: Gaining Control and Confidence in the Sterile Supply Chain

With Tego's solution, the life science company now has complete oversight of its products, from the moment they leave the manufacturing facility to their final arrival at the distribution center. This includes real-time tracking while in transit and through the third-party sterilization facility.

The company now has better visibility and reporting capabilities down to the shipment and purchase order level. This business intelligence provides accurate data on where products are, how much time they spend at each stage of the outbound supply chain, and when they are predicted to arrive at the customer's door. The newfound visibility eliminates the critical information gap, allowing the company to proactively address delays and mitigate risks before they impact the end customer. By gaining this control, the company is better equipped to:

- *Reduce shipping costs*
- *Improve internal processes*
- *Manage sterile service provider costs*

Ultimately, this level of insight gives the company a new level of confidence, which is passed on directly to their customers.

CONCLUSION

Expanding Supply Chain Visibility

Tego's initial rollout was so successful that the company immediately began planning two new initiatives using Tego's solution. The first was to partner with suppliers to gain visibility into inbound materials and compounds needed for manufacturing. The second was to extend the outbound sterile supply chain solution to customers, which will enhance satisfaction and loyalty.

For example, a future solution feature will allow TegoHub to trigger an alert when a customer's inventory of a product is near depletion. This will prompt a salesperson to proactively reach out and suggest a reorder. With its versatile capabilities, Tego's solution is proving that supply chain visibility and sterilization-proof item level tracking are just the beginning of what's possible.



Let's Talk

Discover how Tego can help your team get ahead of today's demands—and tomorrow's.



www.tegoinc.com



+1 781.547.5680