

Signant's GxP Inventory Solution Improves Clinical IP Efficiency & Compliance for Rapidly Growing Biopharmaceutical Research Sponsor

SUMMARY:

A U.S.-based clinical research sponsor replaced their manual, decentralized inventory management system with Signant SmartSignals GxP Inventory, resulting in **optimized supply chain visibility, reduced costs and risks, and improved efficiency.**

OVERVIEW:

A rapidly growing biopharmaceutical research sponsor specializing in preclinical- and clinical-stage therapeutic development relies heavily on external vendors to produce and maintain the pharmaceutical components that comprise investigative therapies it tests in clinical trials.

Prior to partnering with Signant, the process of forecasting, planning, tracking, and managing their supply chain inventory entailed **disparate systems, error-prone manual processes, and inefficient collaboration between teams.** The company selected Signant SmartSignals GxP Inventory inventory management system to manage their end-to-end clinical supplies process, implementing it as part of a wider supply chain platform.

CHALLENGES:

- The absence of a centralized inventory management system led to a lack of visibility and control over the supply management process, making it difficult to anticipate and meet supply demands accurately and efficiently.
- Relying on disconnected, disparate systems for inventory management also increased costs and risks related to:
 - Tracking manufacturing requests and timelines
 - Determining quality release timelines and depot transfers
 - Maintaining lot genealogy and visibility
 - Ensuring compliance with regulatory requirements
 - Forecasting logistical lead times from initial manufacturing through distribution to patients
 - Communication and collaboration across internal and external teams

SOLUTION:

- The sponsor selected **Signant SmartSignals GxP Inventory** to improve clinical supply management efficiency, productivity, and ensure timely delivery of supplies to clinical trial sites.
- The centralized, web-based system replaced manual spreadsheets, offering tools and utilities to manage their inventory effectively while providing scalability to meet their growing supply demands.
- The platform enables the company to:
 - ✓ Track manufacturing requests
 - ✓ Gain insights into pending requests
 - ✓ Anticipate supply demands
 - ✓ Ensure timely delivery
 - ✓ Consolidate vendor supplies
 - ✓ Enable visibility on quality release activities
 - ✓ Trace genealogy
 - ✓ Simplify lot recall process
 - ✓ Monitor release timelines
 - ✓ Maintain compliance with regulatory requirements
 - ✓ Centralize collaborate and communication throughout the supply lifecycle
- Signant's enterprise approach and carefully planned implementation process ensured a seamless transition with no interruptions as well as customized training plan for all stakeholders.

RESULTS:



Signant SmartSignals GxP Inventory centralized supply production, processes, and controls, enabling the sponsor to **optimize their channel management, increase efficiency and productivity, and accelerate their growth.**



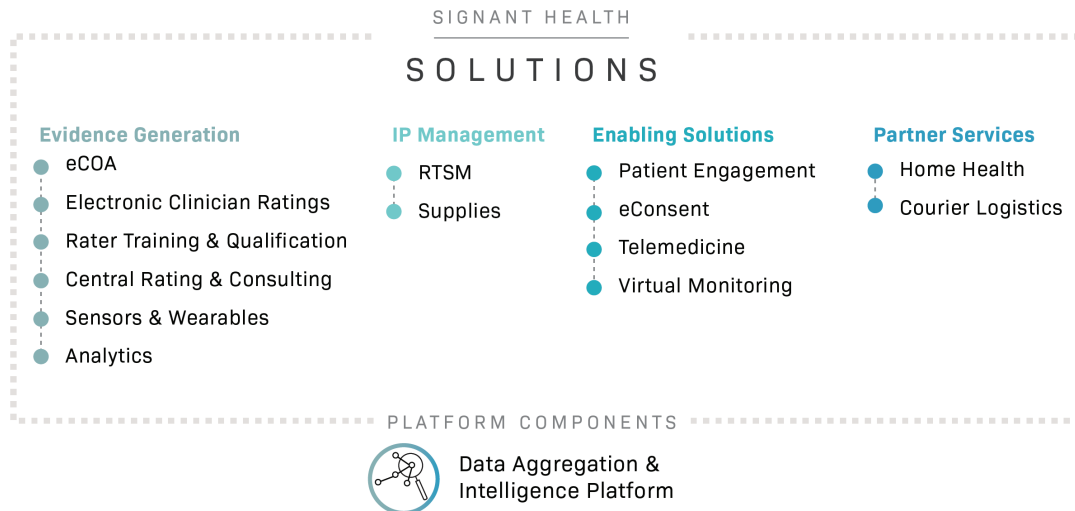
With this agile approach to clinical supply chain management, the clinical supply team can **ensure timely delivery of supplies to patients, maintain compliance with regulatory requirements, and ultimately improve the overall efficiency and effectiveness of their clinical trials.**



The success of this implementation serves as a testament to the importance of establishing a **reliable inventory management system purpose-built for clinical trials** and the benefits for a growing pharmaceutical company.

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