

## CASE STUDY:

# SIGNANT SMARTSIGNALS SUPPLIES

Multiple solutions within Signant SmartSignals Supplies suite helped a leading sponsor consolidate supply management systems and reduce their associated costs and risks.

The company's primary goals for implementing Signant's clinical supplies management solutions included:

- Automating time-consuming, error-prone, paper-based processes
- Reducing manual updates of planning data
- Executing end-to-end processes electronically for improved visibility and efficiency
- Streamlining distribution of IP by leveraging the solution's free-picking functionality

### OVERVIEW:

A leading global pharmaceutical company recognized that their supply management systems, which relied on time-consuming, error-prone, manual processes, could hinder their abilities to accurately and efficiently manage the end-to-end clinical trials IP manufacturing and production processes. In addition, they sought to fully realize the savings in quantities needed to plan and execute development programs as well as keep pace with ever-changing international regulations.

To streamline and consolidate their clinical supply chain management processes, the company leveraged Signant's enterprise supply chain management solution suite and accompanying expertise.

### PROTOCOL DESIGN:

First, to digitalize paper-based processes, the company implemented Signant's web-based Electronic Batch Record (EBR) solution to streamline configuration, execution, and reconciliation of manufacturing/packaging batch records. The EBR application also helps the company efficiently track statuses, maintain a comprehensive history, and enables reuse of master batch records across multiple projects.

Next, the implementation of Signant's Planning, Materials & Distribution (PMD) application expanded product distribution capabilities by increasing visibility into the supply chain for site shipments and depot-to-depot transfers. Finally, the company also improved its warehouse management capabilities by leveraging Signant's Warehouse Management System (WMS) application, which supports distribution activities through more efficient approaches including free picking and pick-and-pack fulfillment.

## CHALLENGES:

Replacing outdated system brought unique challenges:



Modernize and standardize current supply chain processes



Improve product safety and reduce compliance issues



Achieve optimal IP traceability and visibility



Support their clinical supply chain strategy

## SOLUTIONS:

Featuring a user-friendly interface, Signant's Supplies solution suite enabled the company to:



Replace error-prone and burdensome manual processes



Improve end-to-end visibility



Enable seamless third-party integration



Align system technical standards and integrate with facilities

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**Users found the tool very intuitive and easy to navigate. Despite the system being in English and some users being non-native English speakers, the training and guidance provided by Signant supported a robust onboarding process. The tool is well laid out, easy to use and the team is happy that they will benefit from an ever-developing solution that will keep-up with the latest industry requirements.**

*- Senior Supply Chain Manager*

## THE RESULTS:

Released in several phases to reduce disruptions to the customer's operations, Signant's SmartSignals Supplies comprehensive platform streamlined processes, consolidated a siloed architecture, and achieved global compliance. The integrated information management system also met the growing needs of supply chain and future scalability.

Signant's SmartSignals Supplies went beyond just satisfying initial supply chain improvement requests – the pharmaceutical manufacturer can now simplify their organization, optimize channel management, and respond to the continued pressure to reduce waste.

Since its implementation, business users have recognized how digitalizing and modernizing key elements of the clinical supply chain has improved day-to-day operations. They found the full genealogy, traceability, and data integrity of clinical supplies beneficial as well as process standardization afforded by the integration of PMD and their preferred LIMS system.

The full, end-to-end support Signant provided also ensured a smooth transition.

**ABOUT SIGNANT HEALTH:** Signant Health is the evidence generation company. We are focused on leveraging software, deep therapeutic and scientific knowledge, and operational expertise to consistently capture, aggregate, and reveal quality evidence for clinical studies across traditional, virtual, and hybrid trial models. For more than 20 years, over 400 sponsors and CROs of all sizes – including all Top 20 pharma – have trusted Signant solutions for remote and site-based eCOA, eConsent, RTSM, supply chain management, and data quality analytics. Learn more at [www.signanthealth.com](http://www.signanthealth.com).