



Customer At-a-Glance

Bayer Material Science

- > Plastics/Polymers
Producer/Manufacturer
- > 106,200 Employees
- > 2007 Revenue of 32.4B

RFID and Sensor-Driven Automation Bayer Material Science

Bayer Material Science, one of the world's largest producers of polymers and high-performance plastics is deploying a series of RFID and sensor-enabled warehousing and logistics automation solutions using InSync's iApp Builder. InSync's iApp Builder allows Bayer to rapidly build, test, and deploy multiple solutions using a single, common application platform.

Bayer has deployed its first solution which manages and automates the placement and picking of high-value assets stored on large storage racks using automated material handling equipment. The solution leverages data from Bayer's back-end systems and integrates with the material handling equipment using Programmable Logic Controllers (PLCs) to effectively manage and precisely instruct operators and machinery in the identification, picking, and placing of these assets. The solution improves Bayer's warehousing efficiencies and eliminates much of the human error associated with manual placement and picking operations that result in delays or lost goods. Future deployments will address common processes such as weigh scales and other areas of operations that are inherently prone to human error and latency.

"We selected InSync because its application Builder enables us to deploy complete device-to-dashboard solutions rapidly - from management of our sensory and RFID infrastructure, to providing operators, managers, and executives with real-time dashboard views of relevant events and Key Process Indicators (KPIs) and integration with our existing ERP infrastructure," said Cyrus Jassawalla, Head of NAFTA Polyurethanes Site Logistics for Bayer Material Science, "InSync's combination of award winning solutions and iApp application Builder provide us comprehensive capability to develop enterprise class Auto-ID applications."

InSync's iApp connects with commercially available RFID, Auto-ID, and sensors to understand the activity that is being managed. Its edge logic capability is configurable and reusable across multiple locations. A functions library includes edge logic processes that are useable out-of-the-box. These allow for management of local activities such as item-tag association, shipping, receiving, and inventory management.

"We are very pleased to be selected by Bayer to provide the foundation layer for these forward-thinking solutions," says Ashish Chona, CEO of InSync Software, Inc. "Bayer is serving as an industry leader by embracing cutting-edge technologies and solutions built on our iApp Builder to improve operational efficiencies, and ultimately provide safer, better quality products and services."

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