

## Supply Chain Management



given circumstances. IBM BPM can help you optimize your supply chain by tracking, monitoring and analyzing processes and continually improving them to greatly improve forecast precision.

Looking to drive down costs from high buffer inventories, expedited orders and high transportation costs, one global international trade and logistics services company used BPM to reduce costs by 63% in paper handling costs; by 85% in staffing requirements for manual tasks; and by 75% in compliance penalties.

### **Optimize Supply Chain Operations**

IBM ILOG Supply Chain Management solutions harness optimization and visualization technologies to optimize supply chain operations. With these capabilities, organizations can quickly make informed decisions about global supply chain modeling, design and sourcing strategies, transportation planning, and the optimal flow and placement of inventory.

The IBM ILOG Supply Chain Management tooling also includes carbon footprint capabilities to design an energy-efficient supply chain by modeling the environmental impact of each component across the supply chain. Organizations across a variety of industries, including food, consumer electronics, distributors, and construction suppliers, are

increasingly leveraging this intelligence to find the right balance between cost, service, and carbon footprint.

### **Realtime Visibility Across the Supply Chain**

A company's competitive advantage depends on its ability to sense and respond to all aspects of change. Supply chain managers need to react to disparate business events while tracking the location of finished goods, with real-time information across the supply chain. BPM, in combination with IBM Sensor Solutions, can help integrate new data with existing business processes to achieve true visibility and transparency. IBM Sensor Solutions help clients manage and optimize their supply chains, from closed loop to full value chain, based on the use of sensor technologies, such as RFID.

One leading aircraft manufacturer improved its supply chain through a combination of BPM and IBM Sensor Solutions that automated 100% of its data entry, resulting in a 75% reduction in physical handling of parts, reduction in labor costs, and reduction in inventory.

### **Develop, Produce and Distribute More Innovative Products**

When a major portion of your product design and development is delivered by partners or suppliers,