

Instant® Supply Chain Management



KEY BUSINESS BENEFITS

Instant Supply Chain Management enables you to:

- Increased responsiveness to immediate market needs
- Integration of real-time demand information to legacy systems
- Maximize inventory management, reducing process cycle time and inventory levels
- Manage potential pricing issues strategically through logistics and inventory control

Transforming the global organizations Supply Chain Management (SCM) to meet market challenges

To support an efficient and responsive supply chain, Instant® works closely with many teams throughout an organization to formulate a strategy that integrates Instant solutions across all levels. While manufacturing technology, operations, marketing, and treasury functions are at the center of Instant's business, the team strategically recognizes that supply chain capabilities are critical to meeting market demands.

Increased responsiveness to immediate market needs

Next-day and same-day delivery services provided by leading e-commerce and logistics businesses have raised customer expectations. With the increase in demand, the entire supply chain is rapidly evolving from having a functional orientation to a global network of processes. Instant's solutions are transforming an organization's supply chain by integrating cutting edge technologies like artificial intelligence (AI), Blockchain, and Machine learning to fulfill modern customer demands.

Information from our InstantVision® Artificial Intelligence (AI) product powered by Watson® has an essential role to play in modern supply chain optimization. For instance, in warehousing goods, AI and location intelligence enable retailers to maintain a competitive edge for supply chain operations and product delivery. Retailers can also use AI to predict which products are more cost-efficient to stock in a warehouse based on its proximity to certain areas. The demographics and behavioral information in that location determine what will be stocked. Retailers can also change this information depending on shifts in behavior or other external factors. Cognitive intelligent markers within InstantVision are tracked and used to inform internal and external suppliers of need and forecast demand. This occurs globally for the organization as changes, such as purchases, order fulfillment, logistics, and returns, take place.

Integration of real-time demand information to legacy systems

InstantVision orchestrates and optimizes forecasting, pricing, procurement, sourcing, and inbound product quality levels across the many supplier relationships manufacturers have, providing real-time accounting and financial reporting of each transaction.



InstantVision systems provide Electronic Data Interchange (EDI) integration support, inventory control and management, inventory and order-level financial reporting, distributed order management, warehouse and distribution reporting, and analytics and integrated asset tracking systems. The systemic controls reduce errors and provide accurate, real-time information across the organization.

Instant assists manufacturers in improving delivery performance, reducing purchasing and materials costs, and minimizing supplier risks by providing data interfaces to aid in adopting an integrated supply chain system. By combining the supply chain, production, accounting, and finance data in a single integrated supply chain system, InstantVision can provide organizations greater control and visibility across their operations. For the first time, organizations can see the impact of the supply chain, sourcing, production, and quality management decisions on the financial performance of their businesses. Organizations that choose integrated supply chain systems achieve higher levels of sustainability and lean manufacturing systemically rather than in human capital investment. Managing and leading a manufacturing business using InstantVision ultimately deliver greater volume flexibility and market responsiveness for the global organization.

Maximize inventory management, reducing process cycle time and inventory levels

Common challenges to an organization's management of inventory exist regardless of an organization's line of business. The greatest of these challenges is the ineffective use of data management. Global organization have far too many different sources of information needed to systemically solve issues. With all of the disparity of the meaning of the same labeled elements of data across those systems, most systems require costly manual translations so that their current BI systems are capable of understanding the complexity. As an example, most organizations continue to use inaccurate procurement and manufacturing lead times in their transactional systems, leading to judgment-based inventory planning. This inaccurate planning leads to frequent expediting and de-expediting, and the resources are constrained by available capacity. To free up capacity, each component in the value chain buffers the lead time component, and this leads to excess ordering and stocking to meet customer expected demands.

With InstantVision, data accuracy is the standard. This means that all of the information entering into an organization's inventory control system from InstantVision is accurate, real-world, and real-time. This is key due to the fact that this data will also be used with proprietary forecast models to drive additional supply-side strategies.



Figure 1 – Supply Chain Alert Reporting.

Manage potential pricing issues strategically through logistics and inventory control

The costs of satisfying customer demand can be significant. However, they are not always fully understood by organizations. One reason for this is that traditional accounting systems tend to be focused on understanding product costs rather than customer costs. Logistics costs will vary, by company and by industry, though across the economy as a whole, the total cost of logistics as a percentage of gross domestic product is estimated to be close to 10 percent globally. The logistics activity does not just generate a cost, it also generates revenue through the provision of availability, and it is important to understand the profit impact of logistics and supply chain decisions. At the same time, logistics requires resources in the form of fixed capital and working capital; thus there are financial issues to be considered when supply chain strategies are developed.

InstantVision provides organizations with a base operating platform from both a demand perspective (actual and forecasted) and also a marketing perspective. Proprietary algorithms focus on drivers of financial impact. Whether it's currency exchange, shipping, order cycle fulfillment, asset deployment, and utilization, all of these are tracked systemically within the InstantVision system. Each of these drivers is monitored as Key Performance Indicators for organizational success (see Figure 2 below). Global organizations gain the strategic ability to perform "what if" scenarios and draw in forecast data that is historically accurate and can be used in conjunction with marketing information to determine customer demand. Logistics and strategic asset management all flow from this integrated reporting environment enabling key stakeholders within the organization to make more accurate decisions within the SCM.

RELATED SERVICES

The following services support Instant Supply Chain Management Product:

- Product Support Services
- Professional Services

Currency Origin	Transactions	Sales USD	Sales USD	CR	Per Unit	Total	Action
United Kingdom	125	£28,025.00	\$38,445.75	137	\$307.56	+	\$11.26
United States	122	\$41,000.00	\$41,000.00	100	\$336.00	+	\$19.94
France	104	€19,500.00	\$27,750.00	142	\$267.78	+	\$12.02
India	120	₹10,20,00.00	\$12,270.00	120	\$102.25	+	\$19.12
Italy	108	€10,411.30	\$14,555.82	139	\$134.78	+	\$12.03
China	110	¥20,000.00	\$3,000.00	150	\$27.27	+	\$22.96
Australia	104	A\$1,000.00	\$738.00	112	\$71.74	+	\$1.74

Figure 2: InstantVision Reporting future currency headwinds on revenue.



CONTACT US

For more information about Instant’s Instant Supply Chain Management, visit inst.com or call +1.800.503.2505 to speak to a Instant representative.

Integrated Cloud Application & Platform Services

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