



Business Content Library

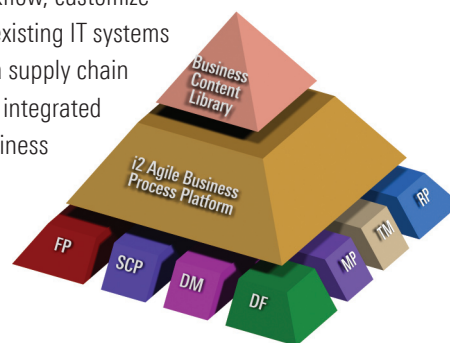
Today's global business environment requires flexible, robust technology tools that enable companies to monitor the real world and respond quickly to changing circumstances—both inside and outside of the enterprise. Unfortunately, many current enterprise resource planning (ERP) and supply chain applications lack business process flexibility, limiting a company's ability to rapidly develop and implement changes to supply chain processes. These ERP and supply chain applications dictate, rather than conform to, the workflows needed to satisfy business partner requirements and organizational efficiency goals. As a result, when a company processes change, adjustments and updates can be costly and time consuming.

While many vendors are beginning to deliver products that implement business process platforms using a service-oriented architecture, most lack the depth of supply chain management knowledge that maximizes the potential of a single platform to design, test, and execute new or changed business processes. That's what differentiates i2. A leader in providing supply chain management solutions for 20 years, i2 has applied its domain expertise to offer companies a better, more flexible, and enterprise-friendly way to manage their supply chains.

The i2 Business Content Library

Companies can draw on i2's rich supply chain heritage through the i2 Business Content Library (BCL), a collection of business process and technology reference workflows. The workflows are solution accelerators used to build applications that enable specific business functions and consist of data models, business rules, and user interface screens. Users can rapidly tailor the workflows according to their business needs and IT requirements—or use components to build their own workflows—and then implement them across the enterprise.

The workflows within the i2 Business Content Library span many industries and are built based on i2's experience in delivering thousands of supply chain implementations to hundreds of companies worldwide. Library subscribers can select a reference workflow, customize it, and then implement it, leveraging their company's pre-existing IT systems and applications. The i2 Agile Business Process Platform, a supply chain backbone based on a service-oriented architecture and an integrated design environment—i2 Studio—complements the i2 Business Content Library to drive workflow development and business process management.



i2 Agile Business Process Platform

Benefits of the i2 Business Content Library include:

- Access to world-class supply chain management best practices
- Flexibility and agility for continuous process improvements to support business innovations
- Lower total cost of ownership, as business benefits are more closely aligned with solution costs
- No waiting for maintenance releases or upgrades; new workflows are published and available as they are produced
- Flexible pricing options with annual subscriptions to the libraries and "pay as you use" for perpetual licenses

Workflows are offered in seven broad categories:

- Total Plan Management
- Total Factory Management
- Total Logistics Management
- Total Supply Management
- Total Channel Management
- Total Merchandise Management
- Total Inventory Management

i2 Total Supply**Management benefits:**

- Reduce direct material spend
- Increase compliance
- Reduce inbound supply chain and logistics costs
- Improve user productivity
- Decrease inventory
- Increase revenue potential
- Shorten cash-to-cash cycles

i2 Total Inventory**Management benefits:**

- Achieve tighter inventory control without sacrificing service levels
- Increase product availability while decreasing inventory levels
- Reduce risk and carrying costs through improved asset utilization and increased inventory turns
- Improve cash-to-cash cycles

i2 Total Supply Management

i2 Total Supply Management (TSM) provides software and services that help manage supply risk. i2 TSM workflows help companies work toward perfect parts availability and maximum facility throughput.

Design and Reuse Excellence: provides a complete component sourcing solution for today's complex enterprise to enforce design compliance and manage sourcing options to ensure supply continuity. It facilitates design and sourcing teams' collaboration to manage product cost, market, and regulatory compliance and leverage preferred supplier relationships for supply through the product life cycle.

Sourcing Strategy and Execution Excellence: enables an integrated closed-loop process that incorporates visibility (spend and key performance data), strategy (commodity management and allocation), execution (negotiation, contract management), and compliance (performance management).

Supply Collaboration and Continuity Excellence: provides buyers and suppliers with a closed-loop, consolidated environment for collaboration of material and capacity. This collaboration can take place across multiple divisions, across a continuous time horizon, and with different pieces of information such as forecasts, orders, build schedules, and shipment and inventory tracking.

i2 Total Inventory Management

i2 Total Inventory Management (TIM) provides inventory management and execution workflows to help companies radically improve service levels and availability while significantly reducing costs. i2 TIM workflows encompass best practices that enable companies to respond to the dynamic nature of supply chains.

Visibility: serving as a single system of reference across multiple systems within and outside the enterprise, i2 TIM provides a proactive playbook and facilitates near real-time monitoring against plans, event management, and timely alerts.

Adaptive Learning and Analysis: analytic dashboards with key metrics, reports and custom-configured alerts enable a business to redesign network and inventory policies and refine its playbook with each business cycle. Companies can analyze point-of-sale data, inventory positions, profile buying behaviors and trends, and quantify risks and variability.

Inventory Segmentation: delivers rich modeling capabilities spanning procurement, manufacturing, and distribution to organize data by standard attributes such as volume, revenue, margin, and other custom attributes.

Multi-echelon Stock Optimization: provides multiple optimization options to minimize cost, maximize performance, redistribute inventory, and analyze total landed cost. Companies can optimize postponement through strategies including service-cost tradeoffs, a hybrid build-to-stock, make-to-order business model, and demand pooling.

i2 Total Plan Management

i2 Total Plan Management (TPM) allows for the rapid evaluation of multiple plan scenarios, driving profitable decisions with regard to the balance of demand and supply.

Sales and Operations Management: enables continued, cross-functional synchronization across an organization to establish a single plan for “one version of the truth” that eliminates silos. Allows problem detection and response through root-cause analysis and consistent resolution using process playbooks.

Allocation and Promise Management: provides increased visibility into current and planned supply, enabling companies to achieve higher fill rates and make more accurate and reliable customer commitments.

i2 Total Factory Management

i2 Total Factory Management (TFM) uses i2’s deep domain expertise in planning, scheduling, execution, and collaboration processes. Material flow challenges across the factory floor and extended supply chain are solved for any MTS, BTO, ATO, or hybrid manufacturing environment by focusing on the following elements:

Factory Planning and Material Coordination: provides synchronized material and capacity planning while enabling quick what-if scenario management and coordination of purchasing, planning and production with customer orders.

Lean Lifecycle Management: applies pull-based manufacturing by providing level planning, Heijunka scheduling, kanban management, and real-time kaizen discipline, using scenario and exception management.

Schedule and Sequence Management: realizes executable schedules across any manufacturing environment using a flexible attribute-based framework to handle business level and shop floor constraints. It provides real-time problem detection and corrective action and closes the loop between planning and execution.

Supply Schedule Management and Visibility: manages all supplier interactions across the life cycle of a purchase order, provides multiple replenishment modes using just one system as well as real-time visibility and tracking of inventory and shipments across multi-tiered supply and production operations.

i2 Total Logistics Management

i2 Total Logistics Management (TLM) creates value by synchronizing critical transportation and distribution business processes, resulting in optimal cost and service performance.

Financial Improvement: helps companies to reduce inventory levels through improved exception management and reliable delivery performance. It drives hard cost value through improved asset utilization, enabling the optimal deployment of dedicated assets and providing better common carrier capacity coverage.

Operations Improvement: enables a collaborative rate negotiation process that leverages bid optimization and network modeling for companies to identify the optimal cost/service trade-offs and to align with the best partners. It provides solutions in complex areas such as backhauling, merge-in-transit, and dynamic routing.

Customer Service Improvement: provides effective transportation management for improved on-time delivery performance, reduced damage-in-transit, and better visibility into shipment status to minimize service failures.

i2 Total Plan

Management benefits:

- Synchronize plans across organizational entities and levels
- Maintain “one version of the truth” across organization
- Maintain audit trail of actions throughout plan life cycle
- Achieve consistent monitoring and resolution across organization
- Enable quick evaluation of alternatives

i2 Total Factory

Management benefits:

- Increase manufacturing efficiency and reduces lead times
- Support lean manufacturing, Theory of Constraints, and other popular methodologies
- Streamline mission-critical material flow
- Achieve end-to-end visibility into order execution, nonconforming material, disposition, and returns

i2 Total Logistics

Management benefits:

- Integrate workflows between order management, transportation, and warehousing
- Optimize carrier contract negotiations
- Plan transportation networks with “what-if” modeling
- Manage entire transportation order execution life cycle
- Build loads that maximize capacity utilization
- Create least-cost shipment plans
- Monitor key performance indicators and scorecards

i2 Total Merchandise Management

i2 Total Merchandise Management (TMM) gives retailers the ability to execute a closed-loop, top-down, middle-out, and bottom-up planning process. Workflows encompassed by i2 TMM include:

Merchandise Financial Planning: powers a closed-loop planning process to realize sales gains while delivering a superior customer shopping experience. It combines the “art” of planning with data-driven retail analytics and statistics to drive planning across channels and segments.

Buying and Assortment Management: incorporates a comprehensive assortment planning solution for the top- and middle-tier retailer. This highly interactive solution enables buying and planning from the early conceptual stage to the final creation of market-tailored store assortments.

Allocation and Replenishment Management: enables the creation of feasible plans that account for plan targets and constraints in a connected multi-level supply chain. Given that most fashion products go through a push (initial allocation)—pull (back-to-sales replenishment)—push (end-of-life or markdown) life cycle, the solution plans replenishment and fashion allocations in a single system.

Cycle Time Optimization: optimizes the procurement spend across the supplier base and minimizes the concept-to-store cycle time.

i2 Total Channel Management

i2 Total Channel Management (TCM) addresses the needs of sales and marketing organizations by providing a set of business processes to drive profitable revenue growth. i2 TCM workflows focus on the following areas:

Quote to Order: allows organizations to create optimized order fulfillment plans; manage execution of these orders from capture to promise and handling changes; continuously monitor for exceptions such as short orders, inventory levels, and delays; and adapt service-level agreements and process metrics based on performance against plans.

Order to Fulfill: provides optimized fulfillment and execution in a multi-channel, multi-enterprise extended environment by accepting orders from any channel while masking back-end complexity in terms of sheer numbers of participants and diversity of systems and applications. The order fulfillment process is coordinated and managed across all tiers, while exceptions or opportunities are proactively managed.

Lifecycle Order Visibility: provides understanding of the order process and monitors the order across all participants. This leads to improved reaction to threats against the fulfillment plan by proactively detecting problems, conflicts and other factors preventing on-time delivery and helps an organization achieve total visibility into static and dynamic inventory.

i2 Total Merchandise Management benefits:

- Access user-friendly browser and Excel-based interfaces
- Achieve interactive, incremental planning capability
- Enable incremental growth through a modular approach
- Utilize reference data model spanning retail, sourcing, supply chain, and transportation
- Leverage existing system investments through service-oriented architecture

i2 Total Channel Management benefits:

- Proactively manage brand across all channels and customers
- Leverage the web to communicate with and understand the end customer
- Utilize data from key accounts to better service the account and end customer
- Collaboratively plan and allocate supply to dealers and non tier-one retailers to reduce cost of service



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