



OVERVIEW

Each enterprise facility needs to efficiently manage all goods - from raw materials to in-process to finished goods - and all processes - from receiving to manufacturing to shipping. Up until now, no system has been able to provide a high level of granularity while not only contributing to overall visibility but also interfacing with the enterprise's core business systems.

INTRODUCING CME TRACK

CME Track is unique in that it provides powerful inventory asset management for simple and complex goods. The application tracks assets from receipt, through one or many processes and steps. Enterprises now can have the level of detail needed to efficiently manage inventory for manufacturing, storage, and distribution facilities while fully integrating with enterprise planning and management products. With CME Track, enterprises finally can manage inventory with precision.



CME Track provides a birds-eye view of all assets within the facility.

BENEFITS

CME Track is unique in delivering the following benefits.

Optimizes inventory levels: The application utilizes computer-assisted efficiencies in data capture and tracking of every asset throughout every process to optimize inventory levels at every instant rather than week-by-week.

Speeds goods processing throughout the facility: CME Track speeds every step in goods handling - from receiving, processing, stocking, and shipping - to provide better customer service and to reduce cost.

Drives better decisions, especially for complex operations: The application handles complex operations that run multiple tasks, even those run parallel and serially, to provide management with recommendations for optimizing operations.

HIGHLIGHTS

Stand-Alone or Distributed Operation: CME Track provides the base functionality needed for a single installation as well as for a number of distributed facilities. With CME Inventory, management can finally tune processes that may span one or more physical facilities.

Process-Oriented: Rather than just managing assets as a whole, the application tracks goods by process / step in process (such as down to the individual assembly workstation) and by work order, purchase order, and sales order.

Best Practices Processes: The application includes built-in commercial best practices processes and rules for managing a facility. For example, CME Track will identify inventory stockpiles that are greater than necessary to drive the current production or shipping schedule. Further, CME Track will identify shortages and recommend how to allocate scarce goods to optimize business goals.

XML-based event routing and process integration: CME Track transforms documents into XML format, routes them to the appropriate manager or system, and processes them appropriately. For example, the appropriate action could be providing up-to-the-event asset currency directly to an ERP or ERM application.



CME Track travels wherever the goods are located via a Web-based User Interface or wirelessly via Palm™ device support

Message Archival: CME Track logs all messages sent to enable retransmission in the event of failure, to ensure auditing of the system, and to empower business analytics.

Distributed security: CME Track works with the enterprise's existing security structures to ensure that only an authorized party can perform an action or can view specific data. Updates to the source security structures are automatically distributed to each CME Track implementation.

Bill of Materials: To handle sophisticated operations, CME Track provides powerful Bill of Materials support. This support provides the granularity required to effectively support complex facilities and production lines.

Fully distributed: The application can run fully distributed on one or many platforms simultaneously. Rather than taking a monolithic approach, components of the application can be run on the appropriate platform yet fully interact with the rest of the system. For example, the loading dock can run only the components necessary to receive goods and resolve issues while executives / logisticians can run only the Strategy Dashboard.

AIDC / AIT Support: CME Track utilizes technologies such as Radio Frequency Identification (RFID) and barcode tags to drive computer-assisted efficiencies throughout every asset process.

The Major components of the application are:

- **Bundled Point Applications** (see the Point Applications datasheet for more information):
 - **CME Count:** Tallies inventory in just minutes rather than days.
 - **CME Dock:** Resolves issues at the loading dock before they snowball.
 - **CME PO:** Maintains Purchase Orders via the Web.
- **Resolve Console:** Enables collaborative problem-solving.
- **Strategy Dashboard:** Provides strategic recommendations to executives and logisticians.

Fast integration: Since the application is built using J2EE technologies it can be easily integrated with the rest of the enterprise at the application layer. This allows real-time event driven integration even for legacy applications. As a result, deployments are measured, not in terms of years, but in weeks.

Web Service ready: The application can be enabled as a Web Service. This capability empowers enterprises to extend the power of the product to customers and to partners.

Web-Native: The product includes a browser interface that has the ease of use and visual appeal of a full-fledged client/server application. This delivers true power and true portability across platforms, devices, and environments.

Instant Update: The application's UI is driven from the CME Enterprise Server. As no client software is needed for operation, updates need only be made to the server. Thus, maintenance efforts and problem resolution tasks are minimized.

ABOUT THE CME ADAPTLink™ PLATFORM

The CME Track takes advantage of the robust fully distributed real-time, event-driven functionality provided by the CME AdaptLink™ Platform. More information can be found in the AdaptLink datasheet.

ABOUT COMMERCE EVENTS

Commerce Events, Inc. (CME) is the leader in powering adaptive supply chains. Headquartered in the Silicon Valley area of California, CME has operations throughout the US and the globe. More information can be found at <http://www.CommerceEvents.com>.

SUPPORTED ENVIRONMENTS

CME is rapidly adding new platforms and support for more vendor software packages. Please contact CME for the latest list:

- Hardware platform: Any platform that supports J2EE
- Application Servers:
 - BEA WebLogic Server™ 6.0
 - IBM WebSphere Application Server 4.0
 - JBoss Application Server (open source)
- Vendor Software packages:
 - SAP 3.2, 4.0