



JD Edwards Warehouse Management System and Barcode Integration

Technology Stack:

- JDE 9.0 WMS module
- Barcode services (Barcode printing and mobile scanning)
- Oracle Database 10g
- BSSV integration with middleware
- HHT bar coding solution (Handheld terminal)

Our client based in Europe and have footprints in wines & spirit business. Client is fastest growing multinational beverage alcohol company in India with a business spanning in the entire length and breadth of the country delivering quality products to its discerning consumers. Client produces and sells alcoholic beverages such as spirits, wines, whiskey, and champagnes.

Cyret helped the client to solve challenges in warehouse management system with accurate shipping and receiving details with visibility in the inventory. By implementing Cyret solution client gets a real-time overview of in-house operations like stock movement, warehouse mobility, report generation, pallet information (label printing/ id generation), barcode scanning.



Client Profile

Client is largest multinational beverage company in India, with biggest footstep in US.



Challenge

Client was facing issue within their warehouse management systems operations such as visibility & control on accurate receiving, available inventory, storage space, location mapping during put away, error picking through handheld terminals, and material handling. Also having difficulties in centralized traceability and implementation, device high cost and human error because of human intervention.



Engagement

To overcome above challenges, Cyret helped client with JD Edwards WMS solution integrated with barcode and HHT devices.

- GRN entry in JDE followed by generation of barcode label as soon as material is unloaded
- Production planning prepares work order as per BOM/ Recipe Pick List is generated on FIFO along with Picking Location Information
- Material stacked received in warehouse where HHT captures its location
- Approved/ rejected material visibility post QC check for issuance to production
- Material scanned through HHT followed by issuance to production
- Packing line is automated through print and apply system and manual printers
- Unique id for cases and pallets, parent –child relationship maintains
- System guided Put away and picking of goods
- Loading verification through HHT
- System generated gap reports & integration with HW devices
- WMS implementation at factory and depot
- Integrate all stock movement



Value to Customer

- Implemented solution at multiple location
- End-to-end visibility with HHT solution
- Implementation result with feature likes wireless scanning, wireless data entry, material movement activity
- Integrate all stock movement operations with barcode solution
 - Current ERP (JD Edwards 9.0)
 - Warehouse management
- Real-time warehouse mobility
- Hassle-free deployments with minimum downtime of production
- Loss reduction, hassle free deployment, improvement in operational efficiency
- Time Saving due to reduced manual work

Solution Implemented

- JD Edward Warehouse Management System
- Middleware Server Software
- Handheld Terminal software
- Barcode Printer
- Industrial Touch PC
- Print & Apply System

About Cyret

Cyret Technologies is a leading Technology Consulting and Outsourcing organization and a value-added reseller to a large number of international organizations across Americas, Asia Pacific, Africa, Middle East and Europe, with cost-effective technology offerings.

