





The Supply Chain Resource Planning System

Description

IPLEX or integrated PLanning and EXecution System, is an integrated web-based information management system covering all important areas of business operations, including: Product Data Management, Order Planning & Processing, MRP & Procurement, and Cost Estimation & Control, Work In Progress Monitoring across all of the above, IPLEX allows the supply chain partners to work together more efficiently and effectively, improving performance, managing direct and indirect costs, as well as to work faster, reducing cycle time & time-induced mistakes, and facilitating the institutionalization of "quick response" as normal business.



Benefits

- Specially designed and optimized for the adidas' business model, meets adidas' real T1 and T2 process needs
- 🏮 Enables T1 to quickly, easily & accurately process adidas orders (LCO190+).
- Enables T1 to order fabric & accessories faster and more accurately (with less wastag lower cost, less under shipment)
- Provide a consistent but flexible way to specify requirements (quality) to production (either on WEB through i PLEX directly, or through transmittable electronic "Style Book", configurable by T1)
- Facilitates innovation & collaboration giving visibility between T1 and T2 as to orders and status
- Easily configured to interface with the T1's own systems for purchasing, production and accounting
- Fast, easy, and economical to deploy and maintain (WEB based from ground up), reducing IT infrastructure costs.
- Intuitive and user-friendly a key attribute.





IPLEX looks at supply chain processes and supporting systems in formal terms as being composed of a small number of underlying program and data objects, irrespective of their subject content. Processes are looked at as work flows and plans. Data is looked at as cubes and arrays with layers inside layers. Systems are looked at as menu routings and web pages connected to hierarchical data objects. And functional operations are looked at as mathematical transformations carried out by English-like code objects. This core building block approach facilitates power, flexibility and robustness in all areas of specific business process application. Changing needs can be met quickly, reliably and economically.

Features

- Direct upload of adidas AD and automatic incorporation into iPLEX BOM and sophisticated, dynamic PDM files
- Automatic upload of LCO 190 into iPLEX usable sample and finished goods orders
- Auto generation of Material Purchase Requests for multiple types of fabric and accessory consumption following an MRP run, immediately on receipt of orders
- AD comparison across versions, and auto-generated material order adjustments.
- 👩 Order forecast and LCO compare facility
- Visible & Configurable electronic Style File which forms basis of development sample and bulk production information needs
- Item level costing, multiple cost estimates with version tracking.
- 🟮 On-line materials order tracking, material balances tracking and control
- Multi-process (specification, MRP and purchasing, pre-production and production) WIP tracking
- Support for Chinese language and other non-Latin script languages



