

With its completely new, ergonomic user interface ImPuls fashion XL offers flexible solutions for familiar ERP functions. The applications are summarized thematically in frameworks.

Performance characteristics ImPuls fashion XL

System

- ▶ 100% Java™
- ▶ Desktop-quality in web browser
- ▶ Platform independent
 - Windows®
 - Linux™
 - i5/OS®
- ▶ Databases independent
 - Microsoft SQL Server®
 - Oracle®
 - DB2® UDB
- ▶ Scalable

Base Framework

- ▶ Multiple client support
 - Multi-Site incl. Intercompany transactions
- ▶ Flexible and international
 - Unicode
 - Independent of time zones
 - Independent of languages
 - Up to three parallel internal currencies
- ▶ Transparent and traceable
 - Time-dependent objects
 - Voucher references chains
 - Status information
- ▶ Partners, internal and external
 - Partner roles, e.g. customer, supplier, sales, competitor, employee
 - Partner usages/ relationships used for depicting complex association and group structures
 - Depiction of internal and external company structures with divisions, departments, sites etc.
- ▶ Items
 - Up to four dimensions: colours, sizes, lengths/cups, abluions
 - Seasons/collections
 - Care-symbols and instructions
 - Assortments, packages
- ▶ Material
 - Rolls and lots
- ▶ Follow up of alternative sizes and lengths for international communication
- ▶ Intrastat

Purchasing Framework

- ▶ Purchasing RFO's
- ▶ Purchasing quotations incl. comparison
- ▶ Purchasing orders
- ▶ Supplier contracts
- ▶ Purchasing forecasts
- ▶ Purchasing cockpit
- ▶ Order tracking
- ▶ Purchase prices
 - Price and condition types
- ▶ Purchase price listings
 - Several overlapping price lists on several levels
 - Standard and action price lists
- ▶ Supplier invoices & supplementary invoices (manual, automatic)
- ▶ Delivery dunning
- ▶ Bonus calculation, - settlement
- ▶ Ordering confirmation

Planning Framework

- ▶ Material requirements planning (MRP) and Resources planning
- ▶ Any number of parallel planning
- ▶ Demand forecasts
- ▶ Demand inquiry
- ▶ Determination of production, distribution and purchasing recommendations
- ▶ Planning across sites
- ▶ Identifying material for primary and secondary needs
- ▶ Cumulative adjustment of demand and forecasts
- ▶ Display of planning conflicts
- ▶ Production planning
 - Results are displayed graphically
- ▶ Support for make-or-buy decisions
- ▶ Coordinates with rolls and lots
- ▶ Projection methods
- ▶ Congestion management for materials and capacities

Calculations Framework

- ▶ Calculations may be
 - direct for one item
 - For all items
 - Via an item classification for item assortments
- ▶ Product cost calculation
- ▶ Trade cost calculation
- ▶ Base for costing
- ▶ Free definition of calculation schemas
- ▶ Calculation cockpit
- ▶ Extensive information available for costing
- ▶ Calculation results for complex analyses and evaluations available

Inventory Management Framework

- ▶ Multilevel warehouse structures possible
- ▶ Reservations
- ▶ Delivery orders
- ▶ Commissions, supports two-tier commissions
- ▶ Goods receiving
- ▶ Quarantine and lock status per warehouse
- ▶ Inventory identifiers
 - Rolls and lots, serial numbers with or without inventory management, EPC numbers
 - Reservation
- ▶ Dynamic availability
- ▶ Inventory cockpit

- ▶ Inventory queries
- ▶ Stock ownership
- ▶ Material postings
 - Automatically or manually
 - With or without change of stock levels
- ▶ Inventory count
 - Different assessments
- ▶ Link to external devices BDE-/MDE
- ▶ Shipping

Storage Location Control Framework

- ▶ Figure of storage organization
 - Storage locations, zones and places
 - Mapping of various physical access to the storage units
 - Storage location with or without storage units
 - Picking location
 - High rack storage
 - Bulk storage location
- ▶ Owner for stocks
- ▶ Storage requirements
- ▶ Inventory orders
- ▶ Loading units
- ▶ Put-away strategies
- ▶ Withdrawal strategies
- ▶ Picking strategy

Mobile Framework

- ▶ Mobile order entry with tablets (Android, iOS)
- ▶ MDE
 - Base
 - Inventory count
 - Commissions
 - Storage orders
 - Goods receiving

PDM Framework

- Master data
- Bill of materials
- Plans of collections
- Prototype
- Pre calculation
- Descriptions, measures

Production Framework

- ▶ Base functions
 - Management and control of resources and capacities, eg automatic, capacity dependent dispatching
 - Operations, routings
 - Production method
 - Display structures
 - Operation postings
 - Co-products and by-products
 - Log of supply and disposal services
 - Change numbers for tracking of changes (ECN) of BOMs, routings, etc.
- ▶ Bill of materials
 - Any number of articles per
- ▶ Formulas and conditions for the differential identification of resources and articles for the calculation of periods, etc.
- ▶ Scheduling of orders
 - Forwards and Backwards
 - One or multiple levels
 - With or without capacity limit
 - Series, single, one-off manufacturing
- ▶ Production control
- ▶ Inventory in production: Valuation of unfinished products (work in process) and inventory changes
- ▶ Production cockpit
- ▶ Order splitting
- ▶ Log of disposal expenses
- ▶ Large selection of production documents (Material availability)

Sales Framework

- ▶ Sales quotations
- ▶ Invoices
- ▶ Sales contracts
- ▶ Sales prices
 - Price types, condition types
- ▶ Sales price simulation
- ▶ Sales price listings with several overlapping price lists
- ▶ Consumer price
- ▶ Sales orders
 - Customer orders
 - Block and call orders
 - Consignment
 - Direct sales
 - Updating
- ▶ Pre-order
- ▶ Sales cockpit
- ▶ Partner list (call center)
- ▶ Sales forecasts
- ▶ Order confirmations and change confirmations
- ▶ Credit notes
- ▶ Delivery allocations
- ▶ Trading bill of materials
- ▶ Commission calculation and settlement

Sales Retail Framework (Concession management)

- ▶ Dynamic target inventory level
- ▶ Sales recommendations for vendor-managed-inventory-scenarios (VMI)
 - Maximum inventory level for sales groups

- ▶ Automatic inventory changes by SLSRPT
 - 1:1 Replenishment
 - Stock transfer
- ▶ Stock levels of all consignment warehouses
- ▶ Retail cockpit
- ▶ Enhanced analytics
 - Inventory turn over
 - Sales quota

Relationship Management Framework (CRM/PRM)

- ▶ Management of relationships with customers as well as with other partners
- ▶ Campaign management
- ▶ Opportunity Management
- ▶ Activity management
- ▶ Customer view
 - Overview of all activities
 - Query of/access to all documents
- ▶ Relationship management cockpit
- ▶ Notes with automatic creation of references

Document Management Framework

- ▶ Create or import of documents
 - Any formats through MIME types
- ▶ Microsoft® Office integration through Knowledge-Store (WebDAV)
- ▶ Documents
- ▶ Documents cockpit
- ▶ Notes
- ▶ Filing of all documents
- ▶ Mass mailings or serial emails

Workflow Management Framework

- ▶ Activities
 - Event-based activities with rules and conditions
 - Ad-hoc activities
 - Series of activities
 - Automatic activities without user actions
- ▶ Tasks
- ▶ Escalation management
- ▶ Workflow cockpit, convenient search functions
- ▶ Fully integrated

Framework independent

- ▶ Free definable cockpits
- ▶ Reservation
 - Stocks
 - Scheduled receipts
- ▶ Reports
- ▶ Jobs and Tasks

Data Warehouse

- ▶ Separate OLAP database as the basis for business intelligence solutions
- ▶ Best of breed attempt for connection and analysis of data of different BI solutions
 - Microsoft SQL Server® Analysis Services
 - Microsoft® Excel Query
 - Crystal Reports™
- ▶ Data pool for multidimensional analyses (Data Mart)

ERP-System-Output-Management (SOM)

- ▶ Flexible output of documents
- ▶ Numerous, flexible output settings for reports and voucher documents
- ▶ Supported output media
 - Printers
 - Email (as attachment or embedded): different formats
 - File
 - Fax
- ▶ Output of labels and bar codes

Business Integration Services

- ▶ Data exchange with third-party systems
- ▶ Import and export function
- ▶ Webservices
- ▶ Functions for synchronous data exchange EDI

Finance

- ▶ Financial Accounting
- ▶ Cost Accounting
- ▶ Controlling
- ▶ Asset Accounting

