

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, abluations
  - 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 RFQ'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

**Omni-Channel-Sales**

- ▶ WebImPuls B2B/B2C
- ▶ Central channel management in Multi-Site-ERP
- ▶ Integration with external distribution channels: Connection to all market places or to any online shop
- ▶ Point of sales (cash software)

**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

