# ImPuls fashion XL                              ERP Software for fashion & lifestyle

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 ® UDP
- 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 refences 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, ablutions
  - 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

**ImPuls**
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