

Infor BPCS  
Integration

Closing gaps and acting as part  
of a whole - that's what we call  
integration.

EVM-Financial Accounting  
EVM-Fixed Asset Accounting  
EVM-Controlling  
Enhancements  
**Integration**

Integration  
Infor LX

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# Integration Infor LX (formerly known as BPCS)

One of PORTOLAN's main features is an extensive bi-directional integration into Infor LX (formerly known as BPCS). Long years of experience and expertise resulting from customer projects enabled us to create a flexible tool and integration module.

This powerful controlling tool is characterized by a flexible valuation function which allows detailed views on costs. The analysis is part of the reporting, which can be adapted individually. Thus, a display of cost elements (cost buckets) is possible down to single voucher level. The relevant quantity structures (such as bill of material item position or inventory transaction) can be transferred directly from Infor LX without any additional programming effort.

We used the experience gained from customer projects to design a standard integration with following modules:

- > PreCalculation  
Standard cost calculation for purchased and manufactured items
- > PostCalculation  
Transfer of actual and target quantities of orders, evaluated with actual standard values
- > Standardized transfer of results into the Infor LX cost master file (CMF)
- > Inventory valuation  
Detailed inventory valuation on cost element level with a flexible report analysis on facility-/storage location-/storage bin level
- > Transfer and valuation of capacity and material requirements planning
- > Sales controlling  
Transfer of invoice items and valuation with (differentiated) Cost of Goods Sold
- > Differentiated valuation of transactions and transfer of results into the financial accounting system CEA from Infor LX.
- > System-controlled logging of the valuation (creation of error logs in case of missing prices/cost rates)

## Standard Costing

PORTOLAN's Standard Costing calculates both purchased and manufactured items at user-definable valuation rates (standard prices, actual prices) in the degree of detail required. A differentiated allocation of surcharge rates is possible for purchased items, whereas BOM and routings of manufactured parts are broken down into one and/or multiple levels and subsequently valued. The presentation of results within Reporting is done by means of a user-definable calculation report, which provides the possibility to drill down to the used material or to the underlying routing step of the routing. The results can be saved in the cost master file CMF of Infor LX, based on facility, cost set, cost element (cost bucket), costs of this and of previous levels. Standard Costing provides following features:

- > Free choice of BOM and routing method(s)
- > Parallel valuation based on different valuation rates (actual, standard ...)
- > Periodic calculation and storage of results per period/month within PORTOLAN
- > Flexible report analysis  
Variably definable reports providing the possibility to display a product's cost elements in a differentiated way. Possibility to drill down to the used material, to the routing step with a flexible presentation and display of material prices and cost rates used
- > Calculation parameters  
Individual selection of calculation parameters
  - > Calculation quantity
  - > Bills of material and routing methods
  - > Effective date for bill of material, routing
  - > Single-level or multi-level presentation of results

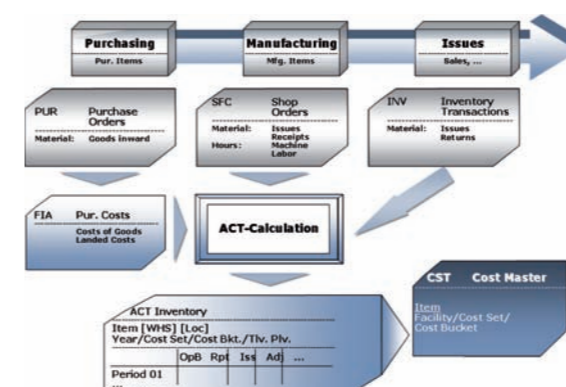
## Actual Costing

PORTOLAN's Actual Costing module is available for purchased items as well as for manufactured items. A specific calculation of actual prices for purchased items is based on information from Financial Accounting and from the integrated invoice auditing, whereas the calculation of actual prices includes goods received and goods issued through production orders in a level-appropriate manner.

Actual Costing calculates all inventory receipts (such as purchased items, semi-finished products and finished products) using effective actual costs, and evaluates issues from inventory at current, periodic average-weighted actual costs. The inventory is displayed in a freely definable degree of detail (such as item, warehouse, or location) together with the actual costs calculated on this basis. In addition, the consistent differentiation of values of purchase costs or manufacturing costs by cost types/cost elements takes place involving all steps of production.

Following functions are provided:

- > Calculation of period-specific average purchase prices for all purchased items
- > Automatic update of prices differentiated by cost types (value of goods, delivery costs, etc.)
- > Detailed log concerning the purchase price history (statement of all receipts with quantity and costs).
- > Supply of all receipts at actual prices for calculation purposes and subsequent processing of purchase price variances
- > Calculation of periodic-specific average manufacturing costs for all manufactured items
- > Logging of the development of the period-specific, average manufacturing costs across all production levels
- > Free selection of average price calculation cycles (month, quarter, half-year, year).



## Invoice Auditing

PORTOLAN's Invoice Auditing checks incoming invoices for their correctness in terms of content, calculations and prices.

The system establishes a relation between invoices, purchase orders and goods receipt by using the so-called „3-way-match“ method. Possible deviations between invoice and purchase order and standard price for the article,

respectively, are automatically determined and are immediately transferred into the Financial Accounting system together with the account movements resulting from the incoming invoice. The order history provides a complete overview of all deliveries and invoice items belonging to a specific order.

## Production Controlling

Production Controlling allows you to compare all material consumptions/hours of work allocated to the production order within BPCS with its standard values in the degree of detail required. The analysis of material price deviations, processing or production variances is displayed based on a single order and summarized via its valuation criteria in reporting.

The core processes, such as material consumption, material output and return of time information and capture of production data, which are significant for production controlling, can be transferred enhanced with additional information (valuation criteria), too.

Direct access to prices and costing information allow user to immediately value material movements. The cost rates derived from cost center accounting are used for the valuation of the work performed in production, and hence give information about the company's value added.

Following functions are provided:

- > Reporting of price deviations, processing or production variances
- > Free selection of bills of material and routing method(s) for target/standard consumption
- > Parallel valuation based on different valuation rates (actual, standard ...)
- > ...