

# Price $f(x)$

## Release 'Sambuca'

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### Release Notes

**Go-live date:**

<2014-04-26>

# 1. New features

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## NEW in PriceAnalyzer Module

- Time series scatter chart: This chart utilizes the same functionality as the “regular” scatter chart (i.e. filter, choice of dimensions on the Y-axis,). But along the X-axis the user can add a time series, which helps visualizing outliers over the time as well as variances.
- Box-Plot Chart: Box plot chart displays differences between populations/groups of data without making any assumptions of the underlying statistical distribution: they are non-parametric. The spacing between the different parts of the box helps indicate the degree of dispersion (spread) and skewness in the data, and identify outliers. Box Plot is a convenient way of graphically depicting groups of numerical data through their quartiles having lines extending vertically from the boxes (whiskers) indicating variability outside the upper and lower quartiles.
- Revenue and margin de-composition dashboard: With help of this new dashboard it is possible to retrospectively show and explain the individual reasons (i.e. price changes, new vs. lost business, volume effects etc.) for the change in the revenue and margin between two points of time. The analysis can be performed along all dimensions (i.e. per country, customer, product group, product etc.).

## NEW in the PriceBuilder module

- Price configurator: With the help of the price configurator, utilizing the same technics and methods of Price  $f(x)$  calculation schema, any dependencies between the input parameters applicable for the particular price calculations can be defined and latter executed by the user (esp. in the PriceShop module). For example, selection of a particular input parameter with the value „yes“ triggers the display and ability to choose further input parameters such as „performance“ or “duration of contract” while the selection of the value “no” hides the selection.
- Data Change Request: Through this new Data Change Request feature changes of product and customer master data, pricing parameters and/or manual price lists can be carefully managed and sent through an approval workflow, allowing stronger control over all changes in the mentioned system data sets. With that all changes will be visible, approvable and reversible if required.

## NEW in the System Admin platform service

- Customer individual renaming/translation of UI labels: Within each individual partition the system admin has the ability to rename or translate all user interface labels individually (i.e. rename the label “product master” into “service master”).



With that the Price f(x) look and feel can be completely adjusted to the needs and requirements of individual customer without the necessity of any application customizations.

- Scheduler for datamart updates: With the help of the scheduler the admin user can now perform time based, automatic updates or complete new calculations of the datamarts in the PriceAnalyzer module. This allows further automation of the analytical processes. In the near future we will follow up with further automations in this area.

### **NEW in ExcelClient**

Merger of the PA and PB ExcelClients: To date there are two separate ExcelClients for the PA and PB modules. With Sambuca those will be integrated into one supporting both modules. Together with the merger we've further enhanced the performance of data manipulation and update.

## **2. Changes**

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### **Extensions in the PriceAnalyzer module**

Chart formatting: the ability to format charts has been further enhanced (i.e. color coding of dots in the scatter or visualization of descriptions and values). Further through the addition of the so called "FlexCharts" we've established the basis for addition of the new chart types and customer specific configuration of charts. Those custom charts will then not be extending the charts library in the PriceAnalyzer but can be used as part of the dashboards.

### **Extensions in the PriceBuilder module**

Calculations within the manual pricelists: The already existing and powerful functionality of calculated filed sets (CFS) can now be utilized within the framework of the manual pricelists, which have been added to Price f(x) with the prior release. With that dynamic calculations can be included in the manual pricelist, which allows to update (based on algorithms) individual fields or entire manual pricelists.

### **Extensions in the System Admin platform service**

Download Templates: the admin user can now define and integrate further MS-Excel templates to be used for the structured data downloads and further processing such as printing, conversion into .pdf or other formats etc. Next to the existing interface for quotes we now support the template integration for pricelist, live price grids, rebate agreements and rebate records.



### **Extensions of the ExcelClient**

Extension of the ExcelClient functionality: Next to the merger and performance improvements ExcelClient will provide enhanced functionality such as: creation of additional meta data like pricing parameter, product- and customer attributes, management of user and user groups as well as maintenance of manual pricelists customer extensions. Lastly a creation of the new “Data Change Request” from ExcelClient will be possible as well.