

Price $f(x)$

Release 'Frozen Daiquiri'

Release Notes

Go-live date:

<2014-09-27>



1. New features

NEW in PriceAnalyzer Module

Heatmap chart: The heatmap chart is a graphical representation of data where the individual values contained in a two dimensional matrix are represented as colors. It is very useful to intuitively visualize distinctive areas or values among larger sets of data.

NEW in the PriceBuilder module

- Matrix pricelist: in this new type of pricelist, through the addition of a second key dimension, prices can be calculated, displayed and maintained (multiple times) per combination of the SKU (product) and any other dimension, such as country, quantity, customer etc.
- Price logic:
 - a custom library of common and standardized groovy functions can be created and maintained in the command templates of the price logic. Those functions can be then picked from the list and used in any part of the logic. With that any created and useful groovy elements can be turned to reusable, standardized elements of any logic anywhere in the application.
 - Groovy elements of the logic can now not only calculate but also create and add new objects. For example with the help of the calculated field sets ("CFS") the price parameter tables can now not only be dynamically updated but also with extended with completely new elements.

NEW in PriceShop module

The user interface of the PriceShop is now modular and flexible. All screen elements such as header, input parameter, output values etc. are now displayed in widgets, which can be freely positioned and displayed or hidden based on the individual preferences of each user. So assembled screen display(s) can then be saved as user preference. With that every user can now adopt the screen display and content to his individual needs when working with offers and price inquiries.

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

Support for 64-bit version of MS Excel®: With the new release “our Excel Client supports also the 64-bit version of MS Excel®.

Integration

Real-time ERP call-out: With that new function user can now execute real-time calls to other systems while setting up a proposal, contract or rebate agreement.

2. Changes

Extensions in the PriceAnalyzer module

- Composite bar & line chart: is a new variation of the already available bar chart where each bar displays multiple data points stacked in a single column. This may, for instance, take the form of uniform height bars charting a time series with internal stacked colors indicating the percentage participation of a sub-type of data. In addition there is a possibility to choose a “percentage option” and with that compare the share of the individual elements in percent of the total per category.
- Formatting of charts: The formatting capabilities of charts have been continuously improved over the past releases. With this release the number, time and text values can be further formatted.
- Scatter chart:
 - The colors used in the visualization of the aggregation „band by“ can now be displayed in the chart legend. This should only be used though when a limited number of data points is displayed, as it can have an impact on the performance of the chart.
 - also, similarly to the bubble chart, additional measures can be added to the chart
- Waterfall chart: individual elements of the waterfall or waterfall comparison can be on the fly aggregated and displayed as a single summary element. With that large waterfalls can be simplified to show overall steps between price points, where there is no need for a display of full granularity.



- Adding chart to dashboards: authorized users can now add pre-defined charts to dashboards with a mouse click

Extensions in the PriceBuilder module

- Performance improvements: the calculations of the very large pricelist and simulations containing way over 100'000 SKUs can now be distributed over multiple nodes/servers and with that dramatically shorten the computing time. This simultaneous processing not only shortens the calculation time but also allows better utilization of the computing capacity.
- Validity of pricelist: in addition to the currently available "valid from" functionality all regular and manual pricelists can now be defined with a valid "until" flag.
- Comments in the pricelists: all comments ever added to a pricelist can now be archived and they will be displayed in the product details section. With that the user has access to a full history of product related comments originating from the pricelist.
- Download of multiple pricelist/simulations: In addition to the single pricelist/simulation upload now multiple pricelist/simulations can be downloaded at once into Excel.
- Approval workflow for pricelists: in addition to the currently available pricelist approval, based on the "four eye principle", all pricelist can now be sent through a full approval workflow. With that the flexible and configurable Price f(x) workflow can be utilized in the approval process of pricelist.
- Mass delete: Data and data element in the product and customer master as well as in the price parameter tables can now not only be mass edited but also mass deleted directly via user interface, obviously by an authorized user ☒.
- Flex charts in the product details: charts can be displayed in the product details section of the product master and pricelist also without a direct relationship to the investigated product. Any related contents can now be displayed in that section.

Extensions in PriceShop module

Customer chooser utilizing customer extensions: To date the customer can be selected in the "customer picker" based on the selection criteria available in the customer master as its direct attributes. With the new release the selection criteria are extended by all customer extensions.

Extensions in RebateManager module

ItemSummaryQuery for rebate records: thanks to this new query and aggregation of the individual rebate records (created through the execution of the rebates agreements), the display/visualization of the rebate records has been improved, i.e. in the Dashboards.

Extensions in the System Admin platform service

Scheduler: thanks to this new functionality the system administrator can now schedule and automatically trigger events such as new calculations, updates, executions etc. With that many processes can be automated.



Extensions of the ExcelClient

Data validation and performance: the validation capability of data in regards to their format has been further extended and additional warning messages have been included. In addition to that several “invisible” improvements of the code base in regards to the performance of data processing (uploads, downloads, fetching, updates etc.) have been performed.