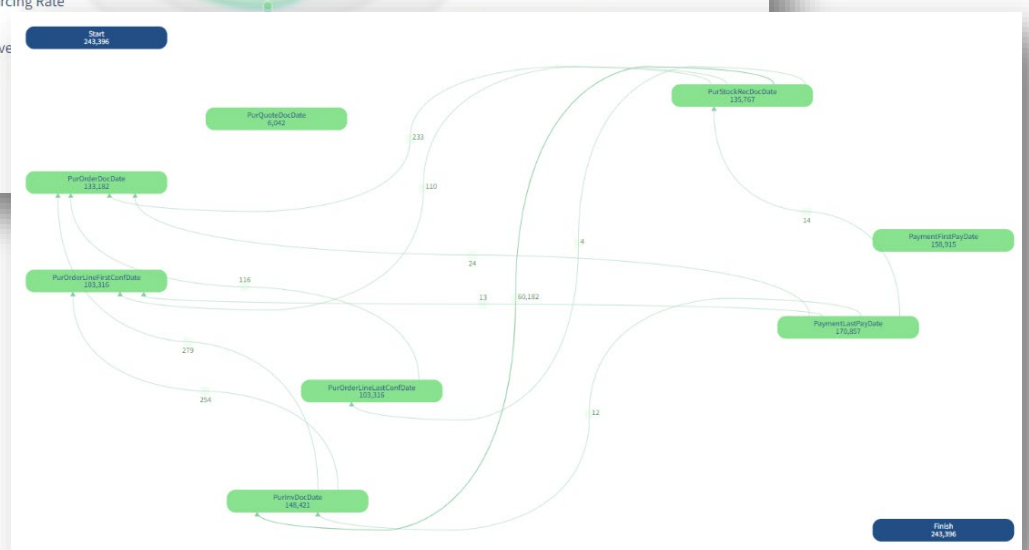
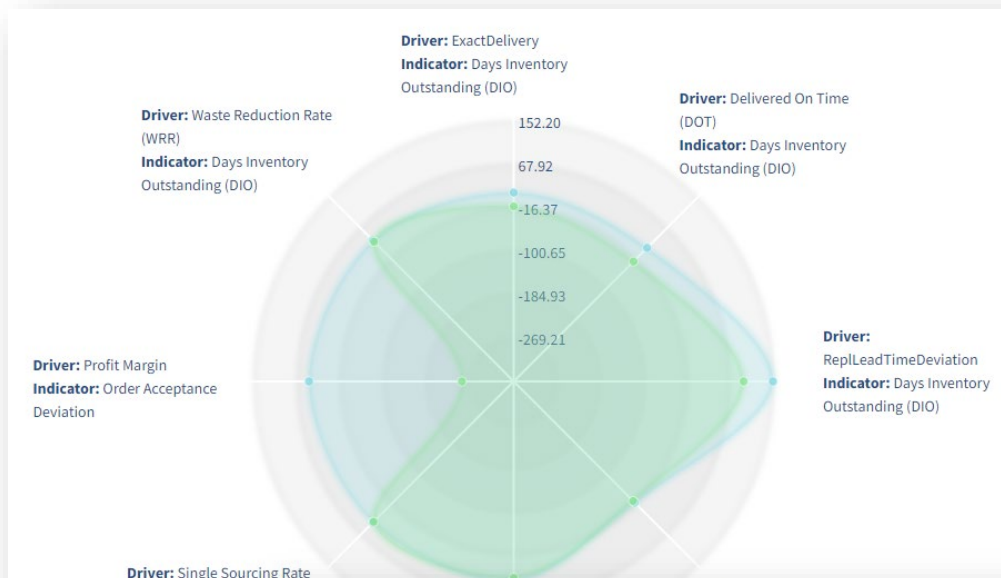


NEMO Release Letter

Version 2022-10-28



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Summary

As of October 28, 2022, proALPHA has released NEMO version 2022-10-28.

NEMO – standing for Natural Enterprise Management Optimizer – is a new breed of AaaS – Analytics-as-a-Service – offering from proALPHA. NEMO analyzes all sorts of event data. In particular NEMO analyzes business processes as performed with proALPHA ERP. The objective of NEMO is to enable better daily decisions by relating operational activities (input factors) with financial results (output factors).

With NEMO-2022-10-28 we are releasing three significant extensions of our capabilities.

- Process Mining
 - Leveraging the unique NEMO data structure customers can depict underlying processes as process maps now and perform further analysis on the findings.
- Finance Data
 - In addition to the business documents available already so far, the accounting postings are available now as well.
- Alerts
 - Users are alerted if Metrics are outside of certain ranges or are violating certain thresholds now.

With these new capabilities we are somewhat rounding out NEMO.

The complete menu looks like this now.



Furthermore NEMO 2022-10-28 features various error corrections and performance improvements. Also, various housekeeping improvements have been implemented.

In particular, we improved the metrics and algorithms underlying the net working capital calculations.

- Overall, we reached stronger correlations by restricting the metrics more precisely.
- DSO and DIO financial numbers are largely the same but the ranking along the NPI has changed slightly.
- For DPO we detected an inconsistency between data structure and metrics definitions which we removed now. This led to larger changes of the DPO financial numbers.

Furthermore, NEMO 2022-10-28 provides new and improved capabilities triggered by customers:

- Metrics (NEW and IMPROVED)
 - Purchasing Stock Dates Deviation (NEW)
 - Potentially Overstocked Parts (NEW)
 - Revenue (IMPROVED)
 - Costs (IMPROVED)
 - Avg Price Bandwidth (IMPROVED)
 - Cash Paid (IMPROVED)
 - Cash Received (IMPROVED)
 - Furthermore, we introduced a couple of project management metrics in order to validate them with our customers.

Signature Features

Natural Performance Index (NPI)

The NPI measures and ranks the fitness of a business. High NPIs indicate a significant improvement potential which is likely to be achieved. They help the user find and decide between the available optimization opportunities and are key to the daily decision support provided by NEMO.

Natural Leverage Index (NLI)

The NLI measures and ranks the degree of efficiency (“Wirkungsgrad”) of a certain operational measure. High NLIs indicate a significant leverage which is likely to be achieved. They help the user find and decide between the available opportunities and as such facilitate the daily decision support provided by NEMO.

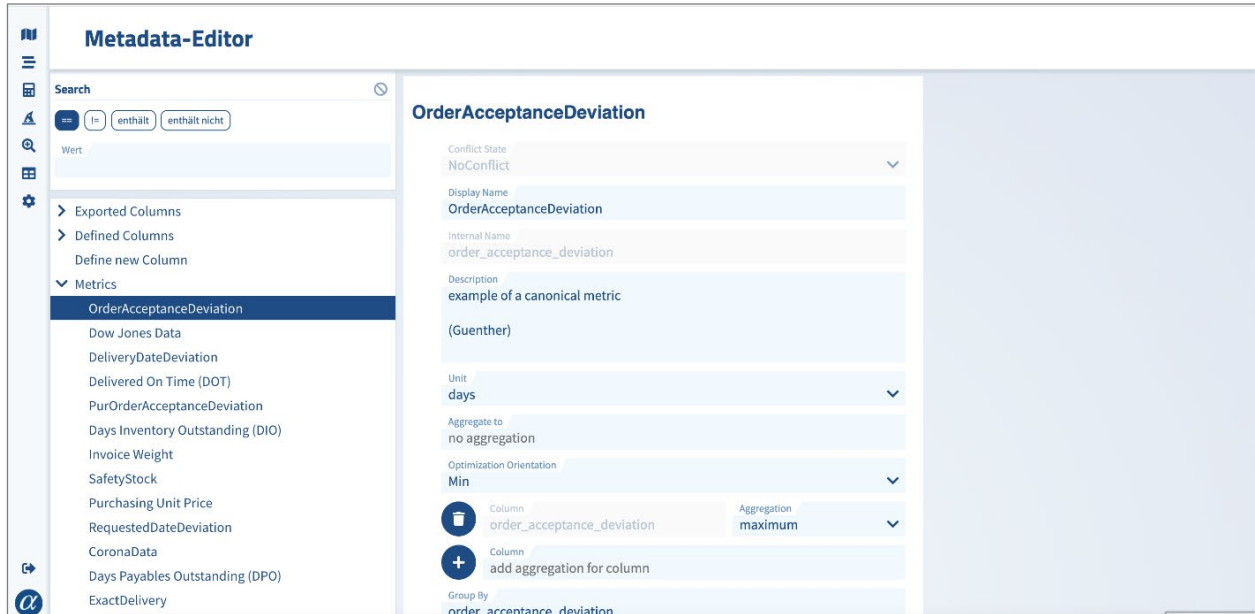
Unsupervised Learning

Since there is no optimum for business process optimization typical machine learning approaches don't apply. Hence NEMO leverages robust advanced statistics out of the so-called space of unsupervised learning algorithms.



Meta-data Driven

NEMO is not only data- but also metadata-driven. This means that virtually all metrics and scopes can be formed – either manually or automatically.



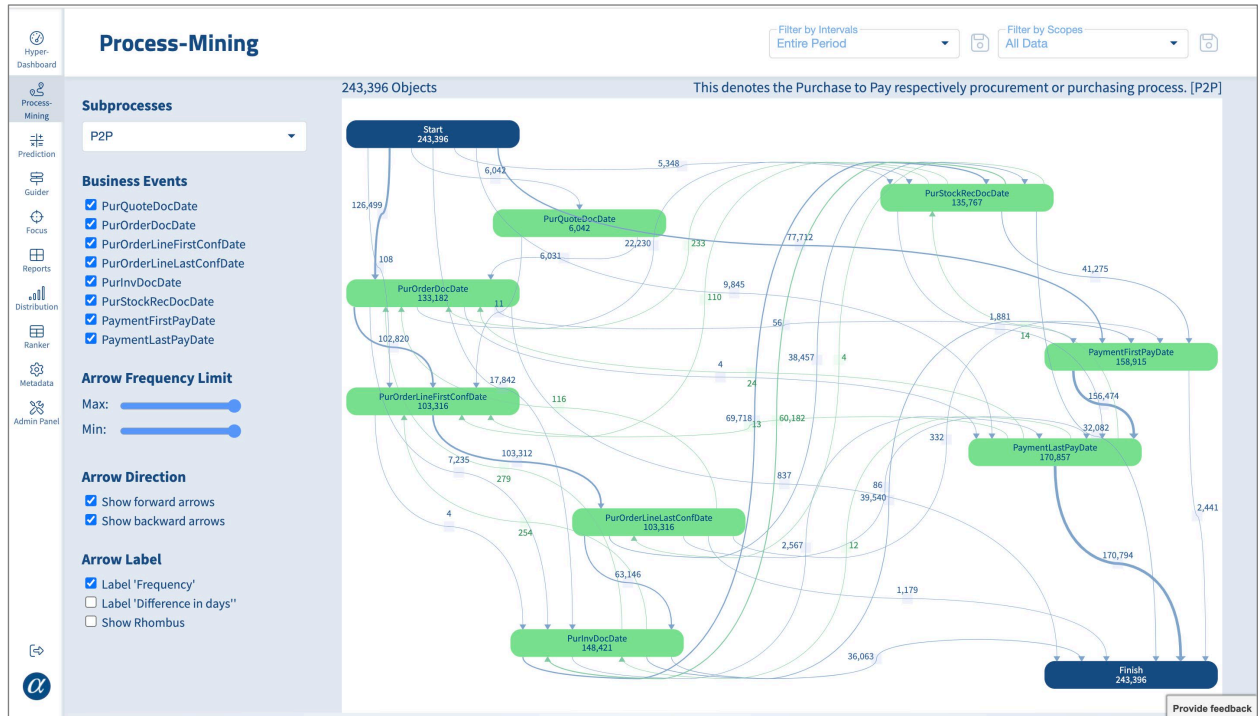
Hyper-Dashboard

NEMO continuously ranks all business process correlations. This enables dynamic dashboards which are complementing classical dashboards.



Process Mining

Inherently NEMO discovers all executed business processes. Process Mining visualizes these as so-called process maps. The edges (lines, links) represent business process variants. They can be captured in Scopes for further analysis (e.g., Focus and Guider). The nodes (vertices, points) represent the business events which, chained up, represent the executed business activities.



All Details

NEMO works always on details. There is no need to do any pre-aggregations at all. This means that the user can drill down to the detailed business documents at any point in time and instantaneously.

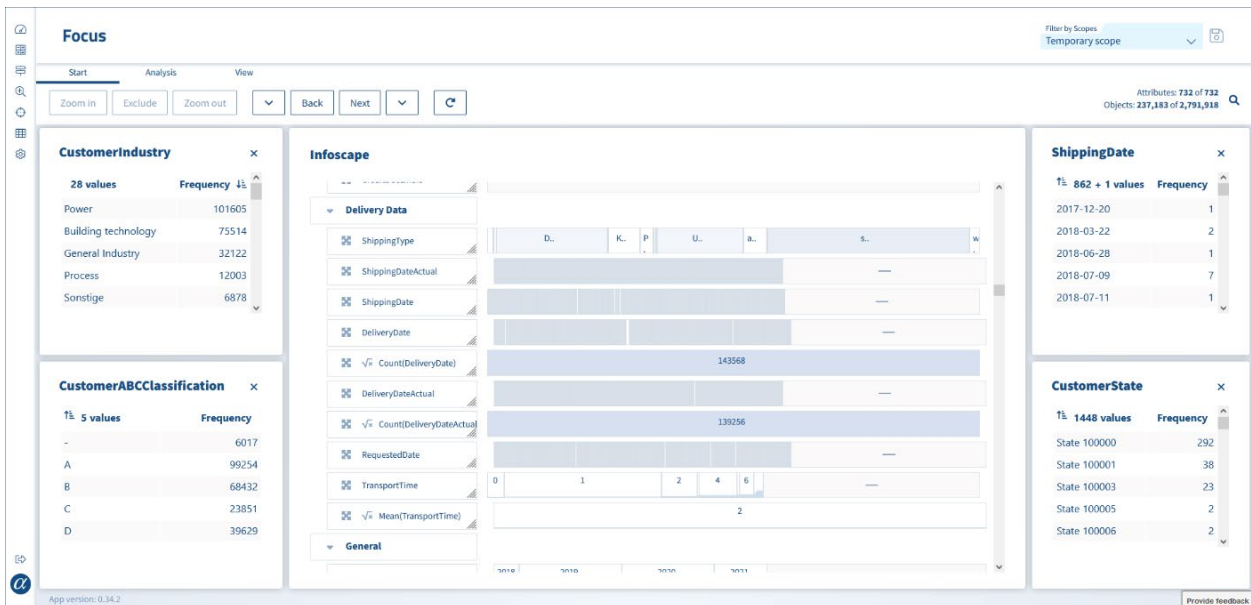
Here an example for the Payment Method Invoice. The Hyper-Dashboard provides an overview of the top measures for process improvements.



The Ranker table gives the details behind the Hyper-Dashboard.

| NPI | NLI | Driver | Indicator | R Squared | Correlation | Actuals | Gain | Scope |
|-------------|-------------|-----------------|-----------------|-----------|-------------|-------------|-----------------|------------------|
| 601,917,952 | 40,704.1 | Delivered On... | Days Invento... | 0.05 | 0.23 | €14,787.66k | €11,839,552... | PaymentMet... |
| 567,153,024 | 38,353.1 | PurExactDeli... | Days Invento... | 0.06 | 0.25 | €14,787.66k | €8,897,089.5... | PaymentMet... |
| 558,322,112 | 40,228.5 | PurExactDeli... | Days Invento... | 0.07 | 0.26 | €13,878.75k | €8,437,466.6... | [[invoicing_d... |
| 551,381,504 | 1,133,087.3 | ReplLeadTi... | Days Invento... | 0.24 | 0.49 | €486.62k | €2,317,477.3... | [[customer_r... |
| 541,763,584 | 39,035.5 | Delivered On... | Days Invento... | 0.05 | 0.22 | €13,878.75k | €11,146,345... | [[invoicing_d... |
| 368,957,248 | 13,932.0 | Replenishme... | Days Invento... | 0.53 | 0.73 | €26,482.77k | €692,769.54k | [[part_type:[9]] |
| 249,010,336 | 16,839.1 | ReplLeadTi... | Days Invento... | 0.02 | -0.14 | €14,787.66k | €13,503,370... | PaymentMet... |
| 248,111,296 | 25,661.8 | ReplLeadTi... | Days Invento... | 0.04 | -0.19 | €9,668.50k | €6,729,405.4... | [[customer_i... |
| 205,359,856 | 14,796.7 | ReplLeadTi... | Days Invento... | 0.02 | -0.13 | €13,878.75k | €11,834,033... | [[invoicing_d... |
| 176,447,920 | 32,377.2 | PurExactDeli... | Days Invento... | 0.09 | 0.30 | €5,449.76k | €1,909,336.5... | [[customer_a... |
| 174,167,904 | 23,651.6 | ReplLeadTi... | Days Invento... | 0.03 | -0.16 | €7,363.89k | €6,652,653.0... | [[customer_a... |
| 172,000,192 | 3,384.2 | Delivered On... | Days Invento... | 0.05 | 0.23 | €50,825.06k | €3,189,364.7... | [[part_a_b_c... |
| 171,797,920 | 3,349.2 | Delivered On... | Days Invento... | 0.05 | 0.23 | €51,294.62k | €3,269,720.8... | [[invoice_doc... |
| 171,730,720 | 3,349.2 | Delivered On... | Days Invento... | 0.05 | 0.23 | €51,274.56k | €3,268,441.8... | [[supplier_a... |
| 160,876,304 | 3,136.3 | PurExactDeli... | Days Invento... | 0.07 | 0.26 | €51,294.62k | €2,386,454.0... | [[invoice_doc... |
| 160,813,376 | 3,136.3 | PurExactDeli... | Days Invento... | 0.07 | 0.26 | €51,274.56k | €2,385,520.6... | [[supplier_a... |
| 152,162,416 | 2,993.8 | PurExactDeli... | Days Invento... | 0.07 | 0.26 | €50,825.06k | €2,277,224.4... | [[part_a_b_c... |
| 141,023,744 | 14,585.9 | Delivered On... | Days Invento... | 0.10 | 0.31 | €9,668.50k | €1,458,552.4... | [[customer_i... |
| 128,455,368 | 13,286.0 | PurExactDeli... | Days Invento... | 0.06 | 0.25 | €9,668.50k | €2,082,220.8... | [[cus |

And the Focus view gives the details behind the Ranker table. And all within seconds.



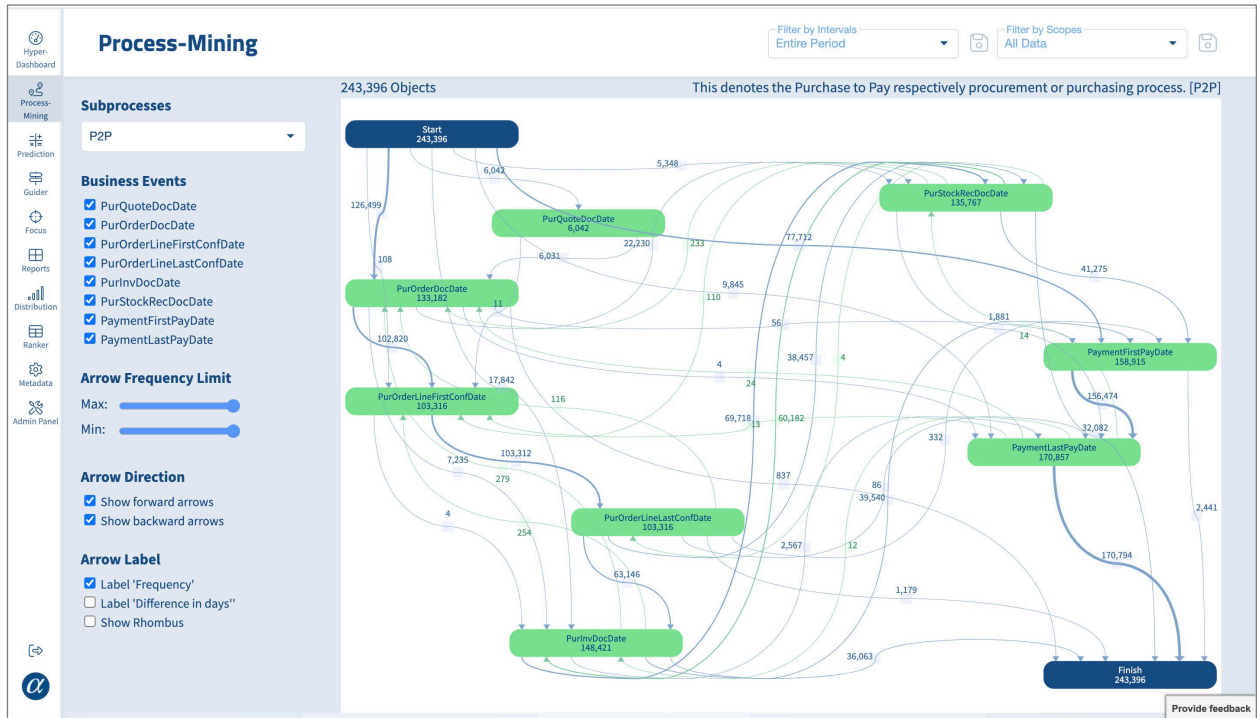
Instantly Live

NEMO doesn't need any customization. Even chart-of-account or financial calendar are not needed for NEMO to function.

New and Changed Capabilities

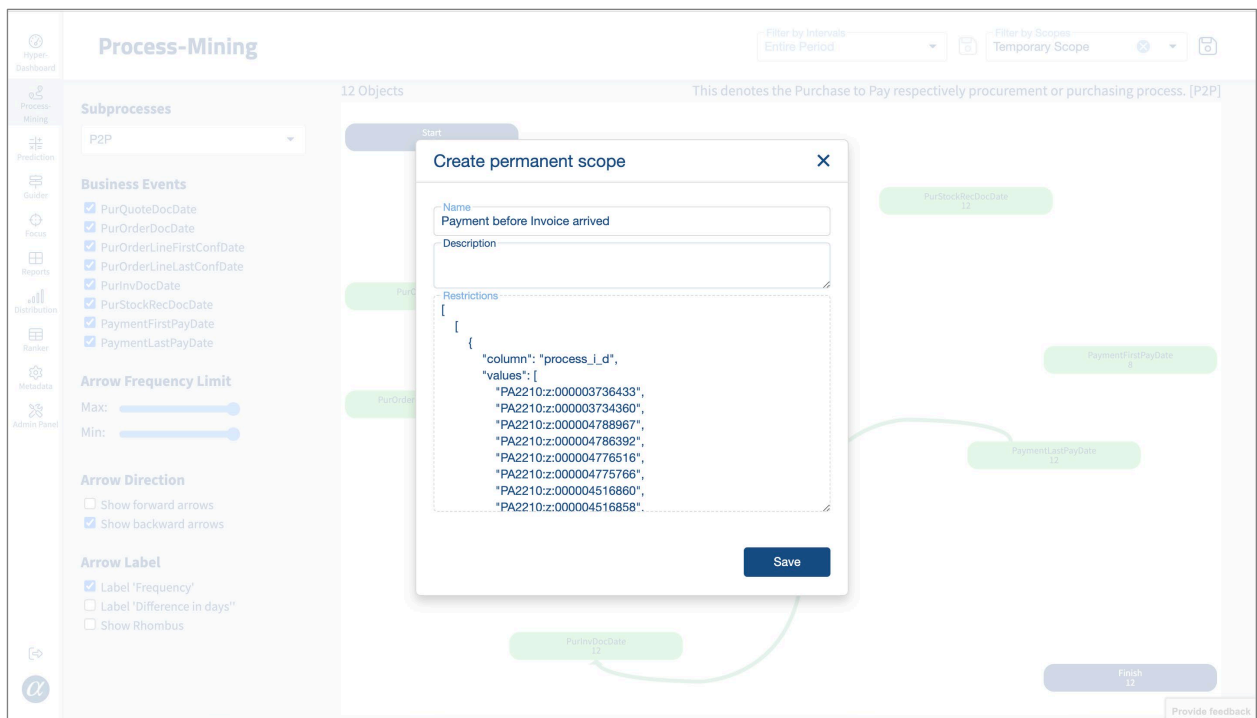
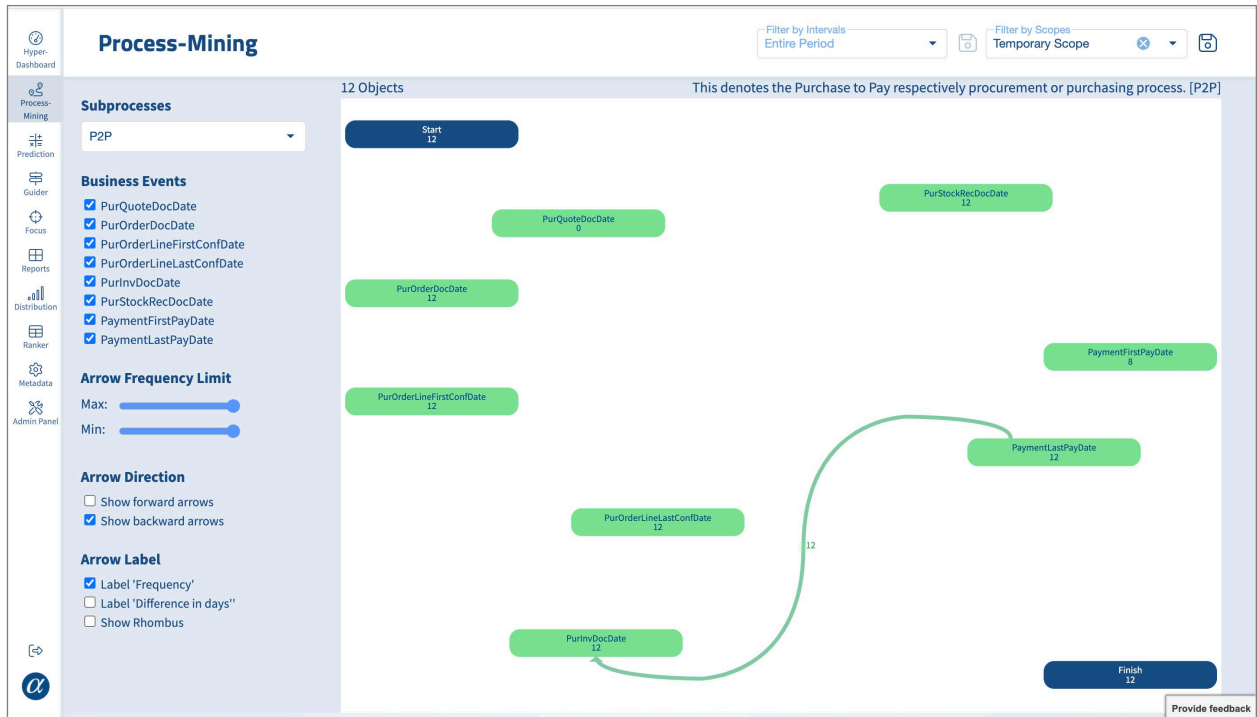
Process Mining (NEW)

Leveraging the unique NEMO data structure customers can depict underlying processes as process maps now and perform further analysis on the findings.



The depicted process maps correspond to so-called subprocesses (see also NEMO Glossary) which are defined in the metadata editor.

Edges of specific interest can be further analyzed by creating a Scope out of these observations.



Analog to metrics we have supplied a number of exemplary subprocesses which can be changed by customers. Or customers add their own subprocesses.

The screenshot shows the 'Metadata' configuration page for a subprocess named 'P2P'. On the left is a navigation menu with categories like 'Defined Columns', 'Derived Columns', 'Metrics', 'Scopes', 'Intervals', 'Reports', 'Panels', 'Tiles', and 'Subprocesses'. The 'Subprocesses' section is expanded, showing 'P2P' selected. The main area displays the configuration for 'P2P':

- Conflict State:** NoConflict
- Display Name:** P2P
- Internal Name:** p2p
- Description:** This denotes the Purchase to Pay respectively procurement or purchasing process.
- Exported Columns:** A list of date fields including PurQuoteDocDate, PurOrderDocDate, PurInvDocDate, PaymentFirstPayDate, PaymentLastPayDate, PurStockRecDocDate, PurOrderLineFirstConfDate, and PurOrderLineLastConfDate.
- Creation Date:** 06/09/2022, 08:56:09
- Changed Date:** 17/10/2022, 14:38:50
- Created By:** tolkmit_g
- Changed By:** tolkmit_g

Buttons for 'Delete' and 'Save' are visible at the bottom of the configuration panel.

These subprocesses can be composed out of any date field in the Exported Columns (Defined Columns support will be provided later).

By nature these subprocesses are not limited to any particular process such as sales or purchasing. Even administrative processes reflected in the finance data can be analyzed with process mining.

The screenshot displays the 'Process-Mining' interface for the 'Finance & Administration process [FA]'. It shows a flowchart with the following elements:

- Start:** 495,171 objects
- Event 1:** FAMainPostDocDate (493,565 objects)
- Event 2:** FAMainPostDate (493,565 objects)
- Event 3:** FAMainPostDate (1,006 objects)
- Finish:** 493,565 objects

The interface includes a left sidebar with filters for 'Subprocesses' (set to 'FA'), 'Business Events' (checked for FAMainPostDocDate and FAMainPostDate), 'Arrow Frequency Limit', 'Arrow Direction' (checked for forward and backward arrows), and 'Arrow Label' (checked for 'Frequency'). At the top right, there are filters for 'Filter by Intervals' (set to 'Entire Period') and 'Filter by Scopes' (set to 'All Data').

Subprocess changes are effective immediately and don't need any new data loading and transforming in overnight runs.

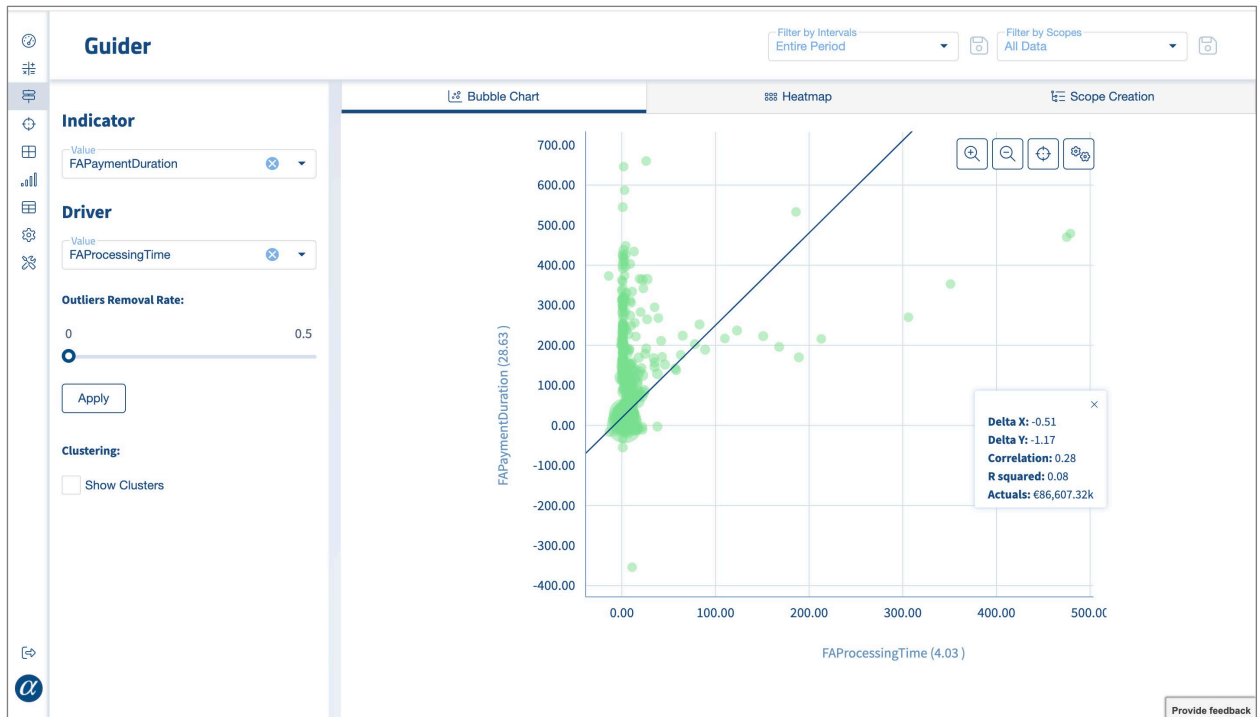
Finance Data (NEW)

In addition to the business documents available already so far, the accounting postings are available now as well.

The screenshot shows the 'Focus' interface with the following elements:

- Header:** 'Focus' title, 'Filter by Intervals' (Entire Period), and 'Filter by Scopes' (All Data).
- Navigation:** 'Start', 'Analysis', 'View' tabs; 'Zoom in', 'Zoom out', 'Exclude', 'Back', 'Next', and a refresh icon.
- Search:** 'Search Attributes' (e.g. Purchasing) and 'Search Values' (e.g. Make).
- Table:** A table with columns for various FA Main Posting attributes (e.g., FAMainPostOID, FAMainPostCurrency, FAMainPostDCIndicator, etc.) and their corresponding values.
- Footer:** 'Exported data', 'Ranker', 'Report', and 'Provide feedback' buttons.

Just for illustration purposes we supplied also two metrics (FAPaymentDuration and FAProcessingTime) which, as expected, are nicely correlated to each other.



The finance data are supplied as is. They are loosely coupled with the business document data; i.e., you can find (manually) the posting business document and vice versa. But the postings are not chained up with the operational processes. This means that cross metrics including finance data might not work properly. Please approach us if you need more information.

WARNING

With this advent NEMO supplies two types of financial information now (for details see the NEMO Glossary).

So far NEMO featured the so-called operational financial information which is required by line managers (for example for sales or purchasing managers). The financial information available with our newly added Finance Data are required for the so-called statutory reporting for example.

Caution: These different types of financial data can be but must not be the same!

Please don't hesitate to approach us if you need to understand these differences in more detail.

Alerts (NEW)

Users are alerted if Metrics are outside of certain ranges or are violating certain thresholds now.

| Metric | Alert | Date | Value | Min Value | Max Value | Deviation | Status | Scope |
|-----------------------|-----------------------|----------------------|--------|-----------|-----------|-----------|----------|------------------------|
| Days Inventory Out... | Too high Days Inve... | 17.10.2022, 05:30:18 | 222.00 | 222.00 | 222.00 | 177.00 | critical | PartId 111776 |
| Days Inventory Out... | Too high Days Inve... | 17.10.2022, 05:30:33 | 119.31 | 9.00 | 384.00 | 74.31 | critical | Supplier 700069 |
| Days Inventory Out... | Too high Days Inve... | 17.10.2022, 05:30:27 | 86.35 | 0.00 | 3,487.00 | 41.35 | critical | Customer 100924 |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:12 | 14.81 | 0.00 | 100.00 | 35.19 | critical | Customer 100924 |
| Days Payables Out... | Range breakout D... | 17.10.2022, 05:31:54 | 8.11 | 3.00 | 14.00 | 21.89 | critical | Supplier 700160 |
| Days Payables Out... | Range breakout D... | 17.10.2022, 05:31:51 | 12.41 | 6.00 | 20.00 | 17.59 | critical | Supplier 700069 |
| Days Payables Out... | Range breakout D... | 17.10.2022, 05:31:55 | 13.55 | 8.00 | 26.00 | 16.45 | critical | Supplier 700271 |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:22 | 34.66 | 0.00 | 100.00 | 15.34 | critical | Supplier 700271 |
| Days Payables Out... | Range breakout D... | 17.10.2022, 05:31:56 | 19.54 | 0.00 | 143.00 | 10.46 | normal | All data |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:09 | 39.96 | 0.00 | 100.00 | 10.04 | critical | PartId 111776 |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:19 | 40.00 | 0.00 | 100.00 | 10.00 | normal | Power (customer in... |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:11 | 46.66 | 0.00 | 100.00 | 3.34 | normal | General Industry (c... |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:21 | 47.56 | 0.00 | 100.00 | 2.44 | normal | Supplier 700160 |
| Delivered On Time ... | Too low Delivered ... | 17.10.2022, 05:31:18 | 48.82 | 0.00 | 100.00 | 1.18 | normal | Storage Area 100145 |
| Days Payables Out... | Range breakout D... | 17.10.2022, 05:31:46 | 29.86 | 28.00 | 33.00 | 0.14 | normal | PartId 111776 |

The Alerts are defined with the metadata editor.

The screenshot displays the 'Metadata' management interface. On the left is a navigation sidebar with categories like 'Alert Conditions', 'Attribute Groups', 'Exported Columns', 'Defined Columns', 'Define new Column', 'Derived Columns', 'Metrics', 'Scopes', 'Intervals', 'Reports', 'Panels', and 'Define new Panel'. The 'Alert Conditions' section is expanded, and 'Too low Delivered On Time (DOT)' is selected. The main content area shows the configuration for this alert:

- Conflict State:** NoConflict
- Display Name:** Too low Delivered On Time (DOT)
- Internal Name:** alert_dot
- Description:** Enter Description...
- Metric Id:** Delivered On Time (DOT)
- Range From:** 50
- Range To:** 999
- Critical Deviation Below:** 40
- Critical Deviation Above:** 999
- Lower Limit:**
- Upper Limit:**
- Active:**
- Creation Date:** 07/10/2022, 05:14:05
- Changed Date:** 07/10/2022, 05:14:05
- Created By:** kenneL_m
- Changed By:** kenneL_m

Buttons for 'Delete' and 'Save' are visible at the bottom of the configuration form. A 'Provide feedback' link is located in the bottom right corner of the interface.

Like Metrics we are supplying some sample Alerts which can be amended or used as is.

New Alerts might fire right way. Existing Alerts might fire when new data have arrived.

New and Changed Features

Metrics (NEW and IMPROVED)

While working with various customers several new metrics emerged. These are now being released to all customers, too.

Purchasing Stock Dates Deviation (NEW)

Average deviation between requested date and actual goods receipt.

The screenshot shows the 'Metadata' configuration page for the 'Purchasing Stock Dates Deviation' metric. The interface includes a search bar with 'stock' entered, a left-hand navigation menu, and a main configuration area. The configuration area contains the following fields and options:

- Display Name:** Purchasing Stock Dates Deviation
- Internal Name:** purstockdatesdev
- Description:** Average deviation between requested date and actual goods receipt.
- Unit:** days
- Optimization Orientation:** Min
- Aggregate to:** No aggregation
- Column:** purstockdatesdev
- Aggregation:** maximum
- Group By:** purstockdatesdev
- Formula:** mean(purstockdatesdev)

At the bottom of the configuration area, there is a 'Restrict by Scope' option and a 'Provide feedback' button.

Ranker

Filter by Scopes: All Data

Indicators

Indicators: Days Inventory Outstanding (DIO)

Drivers

Drivers: Purchasing Stock Dates Devia...

| NPI | NLI | Driver | Driver Va... | Indicator | Indicator... | R Squared | Correlati... | Actuals | Gain | Scope |
|---------|-----|-------------|--------------|-------------|--------------|-----------|--------------|-------------|------------|---------------|
| 281,324 | 87 | Purchasi... | -11.13 (d... | Days Sal... | 66.21 (da... | 0.23 | -0.48 | €3,218.89k | €1,220.11k | [[part_i_d... |
| 239,385 | 86 | Purchasi... | -1.44 (days) | Days Pay... | 24.76 (da... | 0.83 | -0.91 | €2,797.19k | €287.27k | [[supplier... |
| 196,701 | 11 | Purchasi... | 8.77 (days) | Days Pay... | 21.20 (da... | 0.22 | 0.47 | €18,277.... | €882.42k | [[part_a... |
| 174,826 | 43 | Purchasi... | -3.17 (days) | Days Sal... | 64.34 (da... | 0.19 | 0.44 | €4,062.77k | €900.13k | [[part_pro... |
| 166,765 | 68 | Purchasi... | -1.76 (days) | Days Sal... | 80.76 (da... | 0.24 | 0.49 | €2,437.31k | €706.32k | [[part_pro... |
| 158,868 | 40 | Purchasi... | 2.25 (days) | Days Sal... | 56.06 (da... | 0.21 | 0.45 | €3,954.13k | €772.10k | [[supplier... |
| 157,788 | 9 | Purchasi... | 8.63 (days) | Days Pay... | 21.18 (da... | 0.22 | 0.47 | €18,392.... | €725.84k | [[mvm_t... |
| 157,788 | 9 | Purchasi... | 8.63 (days) | Days Pay... | 21.18 (da... | 0.22 | 0.47 | €18,392.... | €725.84k | [[mvm_t... |
| 149,897 | 9 | Purchasi... | 8.63 (days) | Days Pay... | 21.18 (da... | 0.22 | 0.47 | €17,472.... | €689.55k | [[custom... |
| 149,897 | 9 | Purchasi... | 8.63 (days) | Days Pay... | 21.18 (da... | 0.22 | 0.47 | €17,472.... | €689.55k | [[custom... |
| 126,742 | 24 | Purchasi... | 14.09 (da... | Days Pay... | 24.69 (da... | 0.27 | 0.52 | €5,265.37k | €476.11k | [[part_typ... |
| 121,466 | 7 | Purchasi... | 8.81 (days) | Days Pay... | 21.37 (da... | 0.21 | 0.46 | €16,700.... | €581.95k | [[supplier... |
| 113,786 | 34 | Purchasi... | 5.50 (days) | Days Sal... | 52.57 (da... | 0.17 | 0.42 | €3,393.96k | €658.75k | [[mvm_t... |
| 104,060 | 154 | Purchasi... | 19.90 (da... | Days Pay... | 20.89 (da... | 0.72 | 0.85 | €677.50k | €145.43k | [[supplier... |
| 79,454 | 186 | Purchasi... | 14.15 (da... | Days Pay... | 21.81 (da... | 0.82 | 0.90 | €427.72k | €97.03k | [[supplier... |
| 79,357 | 7 | Purchasi... | 9.05 (days) | Days Pay... | 21.07 (da... | 0.19 | 0.43 | €10,760.... | €421.81k | [[part_typ... |

Potentially Overstocked Parts (NEW)

Reflects the average deviation quantity between stocked and used goods.

Calculation: The difference between the stock quantity and the used quantity from movements.



Compatibility

NEMO is compatible with all ERP releases from 6.1 onwards.

Functional Limitations

Following functionality is restricted as of now:

- Updating of Reports is not supported yet.
- Calculations of Driver and Indicators are not based on Intervals yet.

Component Status

- Scopes with ranges don't work in Process Mining yet.
- Intervals don't work in Process Mining yet.

Known Issues

- Depending on the amount of business documents to be processed, there might be timeouts in Process Mining. Please attempt to reload or limit the volume of data via scopes or less business events.
- Depending on the volume of process variants to be captured in a temporary scope, there might be failures due to limitations of the underlying database. In this case, please reduce the amount of to be inspected process variants.

Documentation

Apart from this Release Letter, the following documentation is available from pAWorld (<https://paworld.proalpha.com/display/RN/Knowledge>).

- NEMO Glossary 2022-10-28 (updated)
- NEMO Data Structure 2022-10-28 (updated)
- NEMO Formula Syntax 2022-07-22 (no update)

Availability

All customer environments have been updated already.

Appendix

Exported Columns (NEW)

Following exported columns have been added:

| Display Name | Description |
|-----------------------------|--|
| FAMainPostOID | Object ID of the Main Posting ERP-Origin: FB_Buchung.FB_Buchung_Obj |
| FAMainPostDocDate | Document Date of the Main Posting ERP-Origin: FB_Buchung.BelegDatum |
| FAMainPostDocNum | Document Number of the Main Posting ERP-Origin: FB_Buchung.Belegnummer |
| FAMainPostUser | User who is posting ERP-Origin: FB_Buchung.Benutzer |
| FAMainPostAmount | Amount of the Main Posting in own Currency ERP-Origin: FB_Buchung.Betrag |
| FAMainPostType | Posting Type of the Main Posting ERP-Origin: FB_Buchung.BuchArt |
| FAMainPostTypeDesc | Posting Type Description of the Main Posting ERP-Origin: ACM:FB_PostingTypes_desc |
| FAMainPostPostingOrigin | Posting Origin of the Main Posting ERP-Origin: FB_Buchung.BuchHerkunft |
| FAMainPostPostingOriginDesc | Description of Posting Origin of the Main Posting ERP-Origin: S_BuchHerkSpr.Bezeichnung |
| FAMainPostDate | Posting Date of the Main Posting ERP-Origin: FB_Buchung.BuchungsDatum |
| FAMainPostYear | Posting Year of the Main Postin ERP-Origin: FB_Buchung.BuchungsJahr |
| FAMainPostNumber | Posting Number of the Main Posting ERP-Origin: FB_Buchung.BuchungsNummer |
| FAMainPostPeriod | Posting Period of the Main Posting ERP-Origin: FB_Buchung.Buchungsperiode |
| FAMainPostExtDoc | External Document Number in the Main Posting ERP-Origin: FB_Buchung.Fremdbeleg |

| | |
|-----------------------|--|
| FAMainPostAmountFC | Amount of the Main Posting in foreign Currency ERP-Origin: FB_Buchung.FW_Betrag |
| FAMainPostAmountCC | Amount of the Main Posting in Corporate Currency ERP-Origin: FB_Buchung.FW_Betrag |
| FAMainPostOrigin | Origin of the Main Posting ERP-Origin: FB_Buchung.Herkunft |
| FAMainPostAccount | Account in the Main Posting ERP-Origin: FB_Buchung.Konto |
| FAMainPostAccountType | Account Type in the Main Posting ERP-Origin: S_Konto.KontenArt |
| FAMainPostAccountDesc | Description of the Account from the Main Posting ERP-Origin: ACM:SB_AccountCategories_desc |
| FAMainPostCredDebDesc | Description of whether it is a debtor or creditor ERP-Origin: Checks wether an account is in the range of customers/suppliers if it's not in any range the variable is set blank |
| FAMainPostDCIndicator | Debit/Credit Indicator of the Main Posting |
| FAMainPostCurrency | Currency of the Main Posting ERP-Origin: FB_Buchung.Waehrung |
| FAOffEntryOID | Object ID of the Offsetting Entry ERP-Origin: FB_BuchInfo.FB_Buchung_Obj |
| FAOffEntryAmount | Amount of the Offsetting Entry in own Currency ERP-Origin: FB_BuchInfo.Betrag |
| FAOffEntryAmountFC | Amount of the Offsetting Entry in foreign Currency ERP-Origin: FB_BuchInfo.FW_Betrag |
| FAOffEntryAmountCC | Amount of the Offsetting Entry in corporate Currency ERP-Origin: FB_BuchInfo.FW_Betrag |
| FAOffEntryTaxAmountFC | Tax Amount of the Offsetting Entry in foreign Currency ERP-Origin: FB_BuchInfo.FW_SteuerBetrag |
| FAOffEntryAccount | Account in the Offsetting Entry ERP-Origin: FB_BuchInfo.Konto |
| FAOffEntryAccountType | Account Type in the Offsetting Entry ERP-Origin: S_Konto.KontenArt |
| FAOffEntryAccountDesc | Description of the Account Type in the Offsetting Entry ERP-Origin: ACM: SB_AccountCategories_desc |

| | |
|-----------------------|---|
| FAOffEntryCredDebDesc | Description of whether it is a debtor or creditor ERP-Origin: Checks wether an account is in the range of customers/suppliers if it's not in any range the variable is set blank |
| FAOffEntryDCIndicator | Debit/Credit Indicator of the Offsetting Entry |
| FAOffEntryTaxAmount | Tax Amount of the Offsetting Entry in own currency ERP-Origin: FB_BuchInfo.SteuerBetrag |
| QuoteDocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| OrderDocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| BODocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| ShippingDocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| InvoiceDocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| CreditDocOpen | value shows if a document is archived ERP-Origin: V_BelegKopf.offen |
| PurBODocOpen | value shows if a document is archived ERP-Origin: E_BelegKopf.offen |
| PurQuoteDocOpen | value shows if a document is archived ERP-Origin: E_BelegKopf.offen |
| PurOrderDocOpen | value shows if a document is archived ERP-Origin: E_BelegKopf.offen |
| PurDesAdvDocOpen | value shows if a document is archived ERP-Origin: EBT_DesAdv.offen |
| PurStockRecDocOpen | value shows if a document is archived ERP-Origin: E_WE_Kopf.berechnet |
| PurInvDocOpen | value shows if a document is archived ERP-Origin: ER_BelegKopf.verbucht |
| PurRetDocOpen | value shows if a document is archived ERP-Origin: E_BelegKopf.offen |
| PurDebitDocOpen | value shows if a document is archived ERP-Origin: E_BelegKopf.offen |