

NEMO Version 2023-06-30

Release Letter

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1. Summary

As of June 30, 2023, proALPHA has released NEMO version 2023-06-30.

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).

NEMO 2023-06-23 marks a certain breakthrough by having enabled the NEMO base capabilities for arbitrary data now!

Nothing less nothing more!

In essence you upload data as Projects and apply Process Mining, Prediction, Guider, Deficiency Mining, Reports, Panels, Complexity Mining, etc. (depending on the content loaded) in addition to the already available Focus. And crawler and subsequently Ranker and Hyper-Dashboard as well as Batch Forecasting work, too. Of course, you'd need to define your own metrics, defined columns, categorical types, cash calculation, etc.

This way you can evolve your personal use of NEMO one step at a time.

Among others you could include your own CRM, SRM, and MES data bases into your NEMO canon. Even other ERP systems data could be used in a step-by-step manner (e.g. starting with inventory optimization) as of now.

Also, NEMO is readily applicable to other industries as well. So far NEMO worked for manufacturing and distribution companies the best. Now many other industries can benefit comprehensively as well.

The use cases are literally endless.

Now NEMO is truly "for all". Hence, we call this capability sometimes also "**NEMO for All**".

Since NEMO 2023-05-26 we are rolling out the collection of the MRP planning data (Dispokonto) to our customers (see the respective release letter for the definition of the collected ERP fields).

Please note that this is our first step into planning with NEMO. So far, we looked mostly into the past. Now we are looking more into the future as well.

The first application takes place in STOOP as we speak. In order to choose the most accurate replenishment schedule we are supporting the comparison of the somewhat solid MRP planning data with the suggestions of the stock optimizer model and the algorithm-based predictions.

In addition, NEMO version 2023-06-30 features various error corrections and performance improvements. Also, various housekeeping improvements have been implemented.

Reports (NEW and IMPROVED)

- (SAMPLE) ABC/XYZ Analysis (IMPROVED)
- (STOOP) Stock Optimizer (IMPROVED)
- (SAMPLE) Stock Controlled Parts (IMPROVED)
- (STOOP) Stock Optimization Model (NEW)

2. Application Signature Features

Natural Performance Index (NPI)

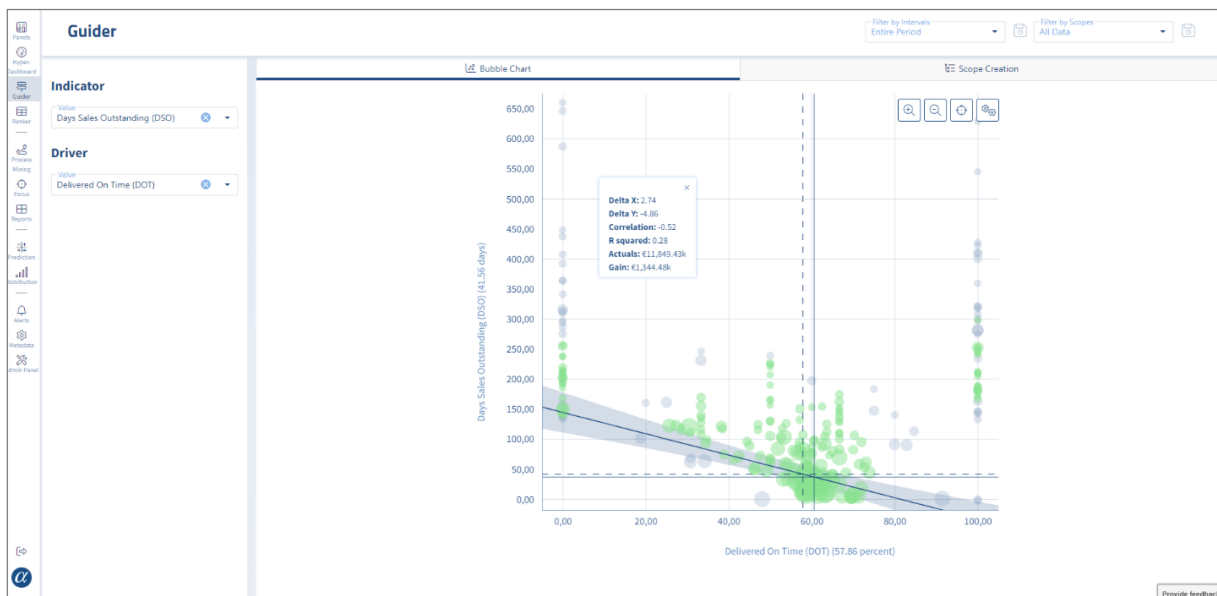
The NPI measures and ranks the fitness of a business. High NPIs indicate a significant improvement potential which is likely to be achieved. They help the user find and decide between the available optimization opportunities and are key to the daily decision support provided by NEMO.

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.

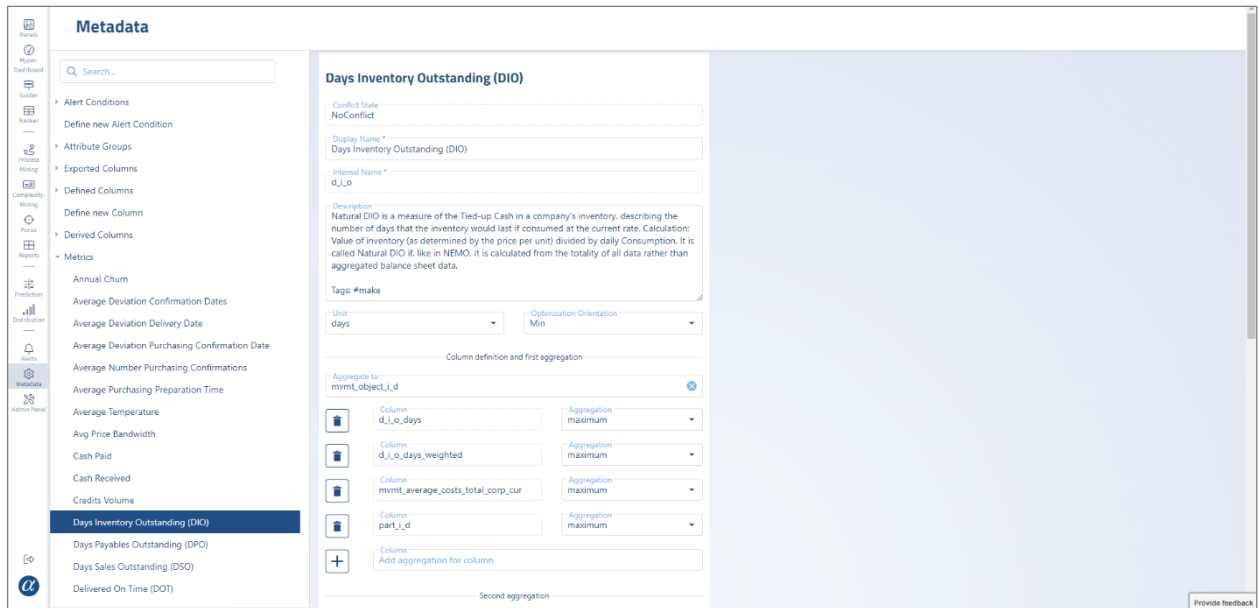
Unsupervised Learning

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.



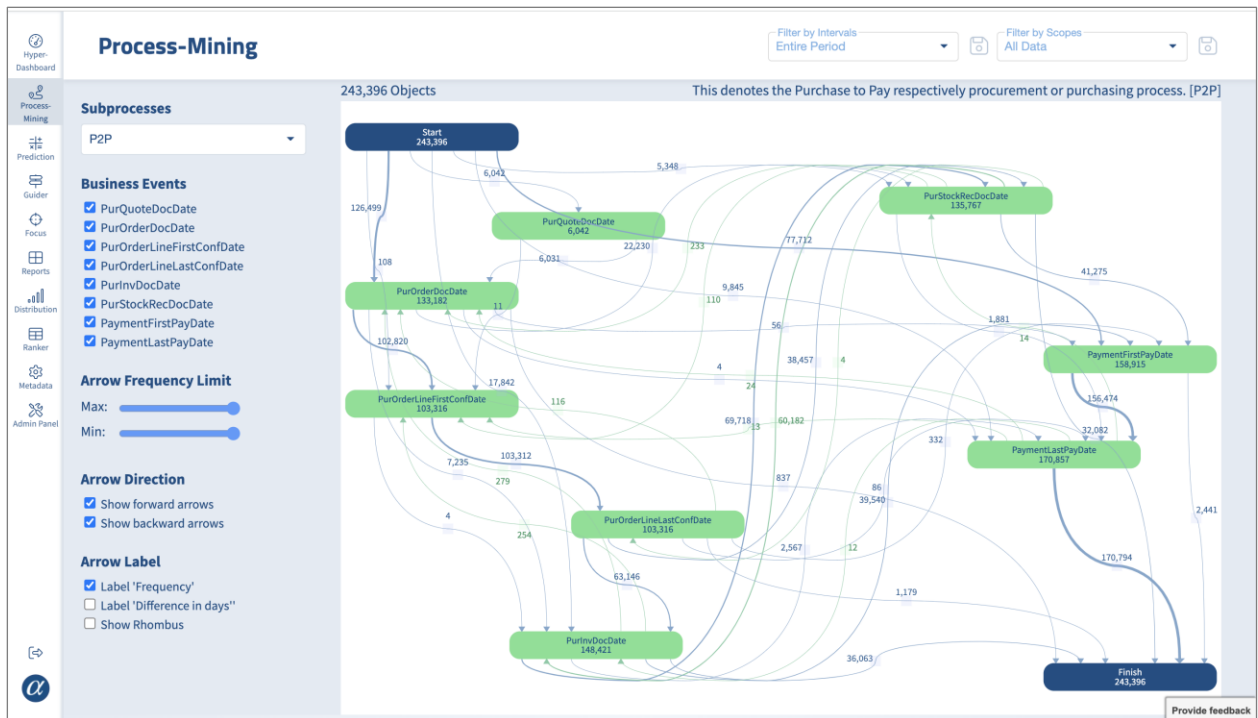
Process Mining

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.

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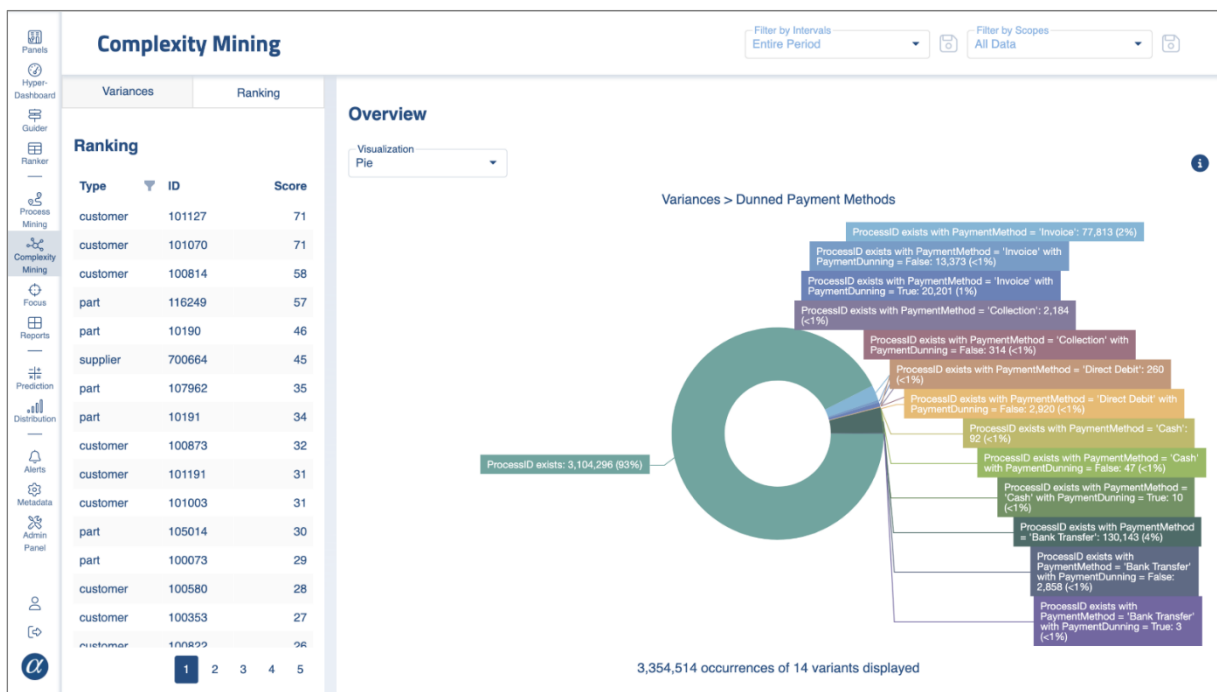
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Complexity Mining

Similarly, NEMO detects automatically all executed business process variants. Each and every variant increases the complexity of the respective business.

Increasing complexity increases complexity costs. This phenomenon can be analyzed as well.



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.

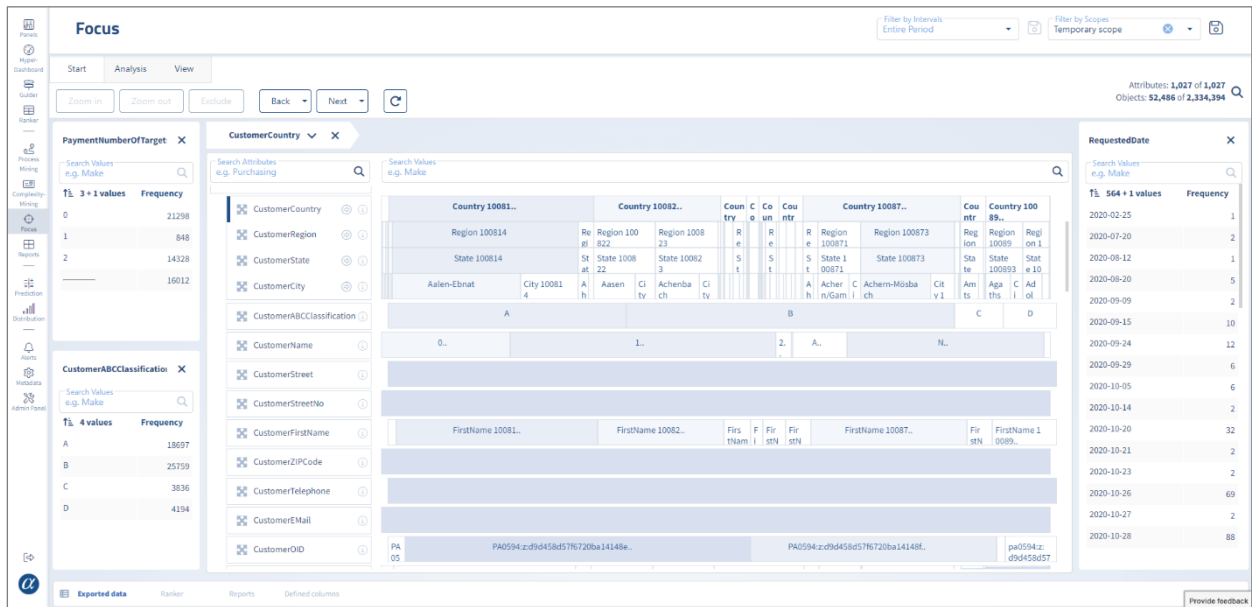
Here an example for the Payment Method Invoice. The Hyper-Dashboard provides an overview of the top measures for process improvements.



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

NPI	NLI	Driver	Driver Value	Indicator	Indicator Value	R Squared	Correlation	Actuals	Gain	Scope
1,228,230	150	Delivered On Tim...	49.38%	Days Sales Outst...	46.39 (days)	0.49	-0.70	€8,190.30k	€2,523.89k	[[mvmr_m_r_p_ar...
1,045,971	140	Delivered On Tim...	47.95%	Days Sales Outst...	48.06 (days)	0.46	-0.68	€7,476.48k	€2,252.74k	[[mvmr_m_r_p_ca...
951,839	133	Delivered On Tim...	47.78%	Days Sales Outst...	48.00 (days)	0.46	-0.68	€7,176.66k	€2,084.53k	End products
891,949	143	Delivered On Tim...	57.14%	Days Sales Outst...	46.28 (days)	0.43	-0.66	€6,245.62k	€2,053.92k	[[customer_a_b_c...
626,635	146	Delivered On Tim...	49.19%	Days Sales Outst...	56.78 (days)	0.53	-0.73	€4,280.45k	€1,174.27k	[[part_type:[61]]
626,153	146	Delivered On Tim...	49.19%	Days Sales Outst...	56.80 (days)	0.53	-0.73	€4,280.45k	€1,173.60k	[[part_product_li...
561,369	165	Delivered On Tim...	49.76%	Days Sales Outst...	53.35 (days)	0.68	-0.82	€3,405.99k	€827.81k	[[part_id:[\"10190...
554,675	167	Delivered On Tim...	44.88%	Days Sales Outst...	53.40 (days)	0.49	-0.70	€3,318.21k	€1,139.90k	[[mvmr_m_r_p_ca...
544,680	178	Delivered On Tim...	49.32%	Days Sales Outst...	58.99 (days)	0.39	-0.62	€3,057.86k	€1,410.07k	[[part_product_li...
528,335	63	Delivered On Tim...	53.52%	Days Sales Outst...	46.12 (days)	0.30	-0.55	€8,361.60k	€1,748.98k	Storage Area 100...
503,446	148	Delivered On Tim...	57.14%	Days Sales Outst...	58.93 (days)	0.41	-0.64	€3,407.57k	€1,231.54k	[[supplier_industr...
439,326	197	Delivered On Tim...	39.77%	Days Sales Outst...	72.99 (days)	0.42	-0.65	€2,227.58k	€1,043.02k	[[part_id:[\"11177...
389,940	130	Delivered On Tim...	47.73%	Days Sales Outst...	61.67 (days)	0.41	-0.64	€2,991.62k	€955.86k	[[part_product_li...
388,081	157	Delivered On Tim...	38.06%	Days Sales Outst...	66.90 (days)	0.32	-0.57	€2,478.03k	€1,214.12k	[[part_product_li...
386,742	149	Delivered On Tim...	45.28%	Days Sales Outst...	51.06 (days)	0.46	-0.68	€2,587.24k	€841.74k	[[part_type:[5]]
320,720	204	Delivered On Tim...	36.56%	Days Sales Outst...	74.43 (days)	0.52	-0.72	€1,575.23k	€614.98k	[[part_a_b_c_class...
265,822	22	Delivered On Tim...	57.74%	Days Sales Outst...	46.25 (days)	0.13	-0.36	€11,849.21k	€2,030.06k	[[part_a_b_c_class...
244,851	165	Delivered On Tim...	37.20%	Days Sales Outst...	65.49 (days)	0.32	-0.57	€1,485.17k	€755.03k	[[part_id:[\"11177...
231,143	320	Delivered On Tim...	52.03%	Days Sales Outst...	50.89 (days)	0.58	-0.76	€722.04k	€398.64k	[[part_a_b_c_class...

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



Dynamic Dashboards

From all details arbitrary dashboards can be derived as well.



Since these so-called Panels are automatically built-in conjunction with Scopes they are correct by nature.

Especially there is no dispute about the calculation of metrics and key figures anymore since those are isolated from the Panels.

Instantly Live

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

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3. Technology Signature Features

The NEMO technology is characterized by

- Integration
 - All applications leverage and maintain the same data
- Speed
 - Response times should be as fast as possible
 - Development times – customers or us – should be as short as possible

These objectives are achieved by leveraging following unique approaches.

Push rather than Pull Data Copying

All “NEMO for ERP” data are regularly pushed from the source system to NEMO.

For our ERP we push all essential order types now:

- Purchase Order
- Production Order
- Sales Order

This means following supply chain processes are covered now:

- Source
 - Purchasing, Procurement
- Make
 - Inventory
 - Production
- Deliver
 - Sales
- Return Handling
 - Sales
 - Purchasing
- Finance
 - Accounting Journal

Flat Data Structure

There is only one table in NEMO.

There are no aggregations (cubes) nor indices.

There are no Joins at all.

Process Chains

All data are organized along the performed business processes.

Dynamic Calculations

All calculations are performed in real-time.

There are no data preparation runs.

Metrics Driven

All control data (metadata) are available to all applications rather than being specific to a single application.

All control data are dynamically changeable – by the user or by us.

Metrics are maintained as separate entity rather than specific to each application.

In-memory Columnar Data Management

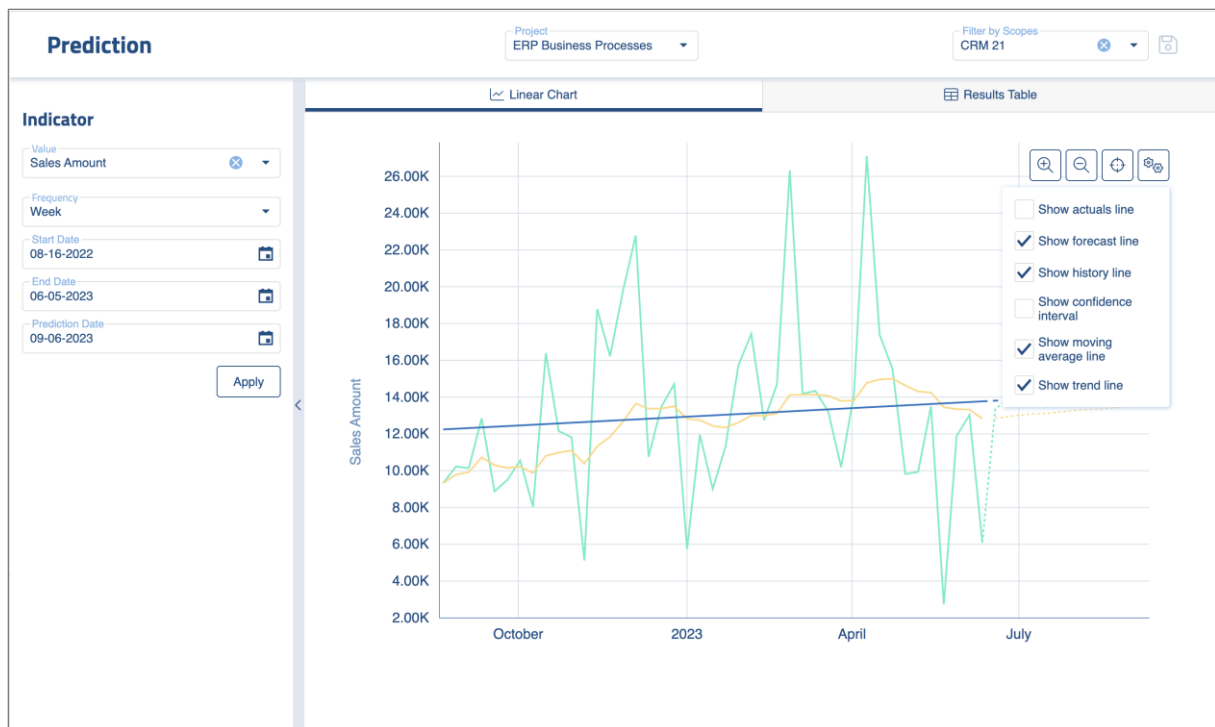
Our data are particularly suited to this mode of data management.

The resulting compression rates (easily 1:10) are very beneficial to the overall performance.

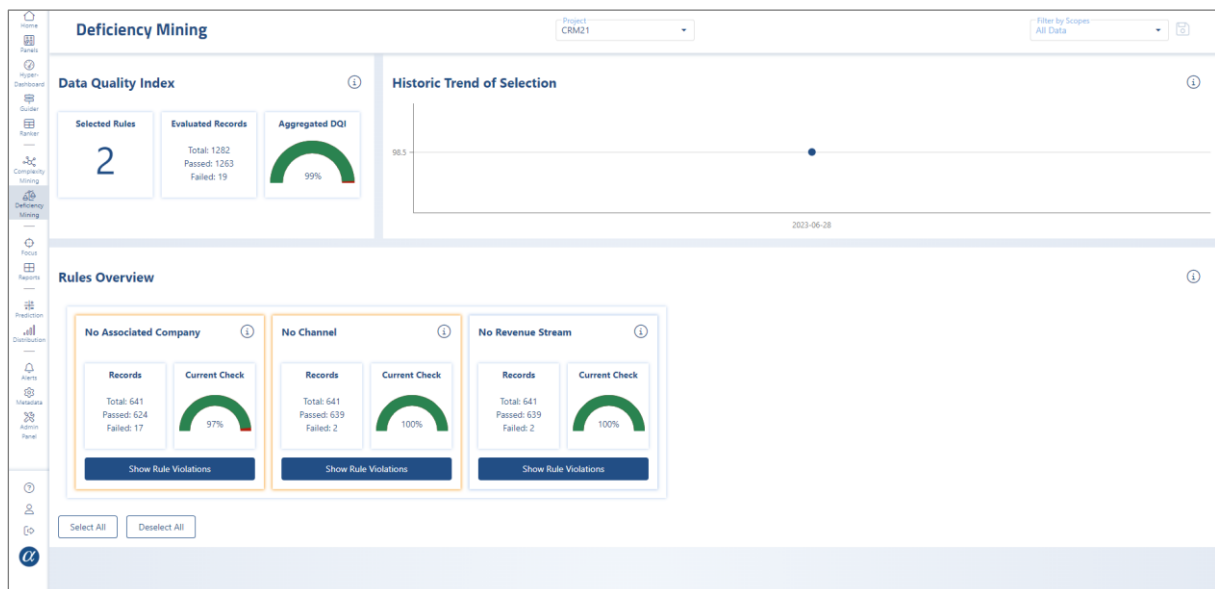
Upside-down Visualization

Rows and columns are inverted compared to MS Excel.

This makes patterns (e.g. populations of columns) easier to spot.



Deficiency Mining is also available and instantly usable because of its flexible configuration.



You get the most out of NEMO if your data are holding:

- Date fields
 - The date field which is serializing the business process must be defined with the internal name "process_date".
 - Without such column Prediction, Panels and Process Mining don't function.
- Currency fields
 - The metric which is to be evaluated in Guider and Ranker must have the internal name "total_cash".
 - Without such metric NPI and NLI don't function.

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MRP Planning Data (EXAMPLE)

Just for remembering purposes here a screenshot how your MRP planning data look like.

MRPDate	2023-06-06	2023-06-13	2023-06-20	2023-06-27	2023-07-04	2023-07-11	2023-07-18	2023-07-25	2023-08-01	2023-08-08	2023-08-15	2023-08-22	2023-08-29	2023-09-05	2023-09-12	2023-09-19	2023-09-26	2023-10-03	2023-10-10	2023-10-17	2023-10-24	2023-10-31	2023-11-07	2023-11-14	2023-11-21	2023-11-28	2023-12-05	2023-12-12	2023-12-19	2023-12-26	2024-01-02	2024-01-09	2024-01-16	2024-01-23	2024-01-30	2024-02-06	2024-02-13	2024-02-20	2024-02-27	2024-03-06	2024-03-13	2024-03-20	2024-03-27	2024-04-03	2024-04-10	2024-04-17	2024-04-24	2024-05-01	2024-05-08	2024-05-15	2024-05-22	2024-05-29	2024-06-05	2024-06-12	2024-06-19	2024-06-26	2024-07-03	2024-07-10	2024-07-17	2024-07-24	2024-07-31	2024-08-07	2024-08-14	2024-08-21	2024-08-28	2024-09-04	2024-09-11	2024-09-18	2024-09-25	2024-10-02	2024-10-09	2024-10-16	2024-10-23	2024-10-30	2024-11-06	2024-11-13	2024-11-20	2024-11-27	2024-12-04	2024-12-11	2024-12-18	2024-12-25	2025-01-01	2025-01-08	2025-01-15	2025-01-22	2025-01-29	2025-02-05	2025-02-12	2025-02-19	2025-02-26	2025-03-05	2025-03-12	2025-03-19	2025-03-26	2025-04-02	2025-04-09	2025-04-16	2025-04-23	2025-04-30	2025-05-07	2025-05-14	2025-05-21	2025-05-28	2025-06-04	2025-06-11	2025-06-18	2025-06-25	2025-07-02	2025-07-09	2025-07-16	2025-07-23	2025-07-30	2025-08-06	2025-08-13	2025-08-20	2025-08-27	2025-09-03	2025-09-10	2025-09-17	2025-09-24	2025-10-01	2025-10-08	2025-10-15	2025-10-22	2025-10-29	2025-11-05	2025-11-12	2025-11-19	2025-11-26	2025-12-03	2025-12-10	2025-12-17	2025-12-24	2026-01-01	2026-01-08	2026-01-15	2026-01-22	2026-01-29	2026-02-05	2026-02-12	2026-02-19	2026-02-26	2026-03-05	2026-03-12	2026-03-19	2026-03-26	2026-04-02	2026-04-09	2026-04-16	2026-04-23	2026-04-30	2026-05-07	2026-05-14	2026-05-21	2026-05-28	2026-06-04	2026-06-11	2026-06-18	2026-06-25	2026-07-02	2026-07-09	2026-07-16	2026-07-23	2026-07-30	2026-08-06	2026-08-13	2026-08-20	2026-08-27	2026-09-03	2026-09-10	2026-09-17	2026-09-24	2026-10-01	2026-10-08	2026-10-15	2026-10-22	2026-10-29	2026-11-05	2026-11-12	2026-11-19	2026-11-26	2026-12-03	2026-12-10	2026-12-17	2026-12-24	2027-01-01	2027-01-08	2027-01-15	2027-01-22	2027-01-29	2027-02-05	2027-02-12	2027-02-19	2027-02-26	2027-03-05	2027-03-12	2027-03-19	2027-03-26	2027-04-02	2027-04-09	2027-04-16	2027-04-23	2027-04-30	2027-05-07	2027-05-14	2027-05-21	2027-05-28	2027-06-04	2027-06-11	2027-06-18	2027-06-25	2027-07-02	2027-07-09	2027-07-16	2027-07-23	2027-07-30	2027-08-06	2027-08-13	2027-08-20	2027-08-27	2027-09-03	2027-09-10	2027-09-17	2027-09-24	2027-10-01	2027-10-08	2027-10-15	2027-10-22	2027-10-29	2027-11-05	2027-11-12	2027-11-19	2027-11-26	2027-12-03	2027-12-10	2027-12-17	2027-12-24	2028-01-01	2028-01-08	2028-01-15	2028-01-22	2028-01-29	2028-02-05	2028-02-12	2028-02-19	2028-02-26	2028-03-05	2028-03-12	2028-03-19	2028-03-26	2028-04-02	2028-04-09	2028-04-16	2028-04-23	2028-04-30	2028-05-07	2028-05-14	2028-05-21	2028-05-28	2028-06-04	2028-06-11	2028-06-18	2028-06-25	2028-07-02	2028-07-09	2028-07-16	2028-07-23	2028-07-30	2028-08-06	2028-08-13	2028-08-20	2028-08-27	2028-09-03	2028-09-10	2028-09-17	2028-09-24	2028-10-01	2028-10-08	2028-10-15	2028-10-22	2028-10-29	2028-11-05	2028-11-12	2028-11-19	2028-11-26	2028-12-03	2028-12-10	2028-12-17	2028-12-24	2029-01-01	2029-01-08	2029-01-15	2029-01-22	2029-01-29	2029-02-05	2029-02-12	2029-02-19	2029-02-26	2029-03-05	2029-03-12	2029-03-19	2029-03-26	2029-04-02	2029-04-09	2029-04-16	2029-04-23	2029-04-30	2029-05-07	2029-05-14	2029-05-21	2029-05-28	2029-06-04	2029-06-11	2029-06-18	2029-06-25	2029-07-02	2029-07-09	2029-07-16	2029-07-23	2029-07-30	2029-08-06	2029-08-13	2029-08-20	2029-08-27	2029-09-03	2029-09-10	2029-09-17	2029-09-24	2029-10-01	2029-10-08	2029-10-15	2029-10-22	2029-10-29	2029-11-05	2029-11-12	2029-11-19	2029-11-26	2029-12-03	2029-12-10	2029-12-17	2029-12-24	2030-01-01	2030-01-08	2030-01-15	2030-01-22	2030-01-29	2030-02-05	2030-02-12	2030-02-19	2030-02-26	2030-03-05	2030-03-12	2030-03-19	2030-03-26	2030-04-02	2030-04-09	2030-04-16	2030-04-23	2030-04-30	2030-05-07	2030-05-14	2030-05-21	2030-05-28	2030-06-04	2030-06-11	2030-06-18	2030-06-25	2030-07-02	2030-07-09	2030-07-16	2030-07-23	2030-07-30	2030-08-06	2030-08-13	2030-08-20	2030-08-27	2030-09-03	2030-09-10	2030-09-17	2030-09-24	2030-10-01	2030-10-08	2030-10-15	2030-10-22	2030-10-29	2030-11-05	2030-11-12	2030-11-19	2030-11-26	2030-12-03	2030-12-10	2030-12-17	2030-12-24	2031-01-01	2031-01-08	2031-01-15	2031-01-22	2031-01-29	2031-02-05	2031-02-12	2031-02-19	2031-02-26	2031-03-05	2031-03-12	2031-03-19	2031-03-26	2031-04-02	2031-04-09	2031-04-16	2031-04-23	2031-04-30	2031-05-07	2031-05-14	2031-05-21	2031-05-28	2031-06-04	2031-06-11	2031-06-18	2031-06-25	2031-07-02	2031-07-09	2031-07-16	2031-07-23	2031-07-30	2031-08-06	2031-08-13	2031-08-20	2031-08-27	2031-09-03	2031-09-10	2031-09-17	2031-09-24	2031-10-01	2031-10-08	2031-10-15	2031-10-22	2031-10-29	2031-11-05	2031-11-12	2031-11-19	2031-11-26	2031-12-03	2031-12-10	2031-12-17	2031-12-24	2032-01-01	2032-01-08	2032-01-15	2032-01-22	2032-01-29	2032-02-05	2032-02-12	2032-02-1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CustomerDeliveryBox	Delivery box #ERP-Origin: V_BelegKopfAdr.Postfach
CustomerDeliveryCity	City #ERP-Origin: S_Adresse.Ort
CustomerDeliveryCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
CustomerDeliveryEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
CustomerDeliveryFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
CustomerDeliveryName	Name #ERP-Origin: V_BelegKopfAdr.Name1
CustomerDeliveryState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
CustomerDeliveryStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
CustomerDeliveryStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer
CustomerDeliveryTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
CustomerDeliveryZIPBox	ZIP box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
CustomerDeliveryZIPCode	ZIP code #ERP-Origin: V_BelegKopfAdr.PLZ
CustomerDestinationBox	Delivery box #ERP-Origin: V_BelegKopfAdr.Postfach
CustomerDestinationCity	City #ERP-Origin: S_Adresse.Ort
CustomerDestinationCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
CustomerDestinationEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
CustomerDestinationFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
CustomerDestinationName	Name #ERP-Origin: V_BelegKopfAdr.Name1
CustomerDestinationState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
CustomerDestinationStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
CustomerDestinationStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer

CustomerDestinationTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
CustomerDestinationZIPBox	ZIP box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
CustomerDestinationZIPCode	ZIP code #ERP-Origin: V_BelegKopfAdr.PLZ
CustomerInvoiceBox	Delivery box #ERP-Origin: V_BelegKopfAdr.Postfach
CustomerInvoiceCity	City #ERP-Origin: S_Adresse.Ort
CustomerInvoiceCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
CustomerInvoiceEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
CustomerInvoiceFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
CustomerInvoiceName	Name #ERP-Origin: V_BelegKopfAdr.Name1
CustomerInvoiceState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
CustomerInvoiceStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
CustomerInvoiceStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer
CustomerInvoiceTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
CustomerInvoiceZIPBox	ZIP box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
CustomerInvoiceZIPCode	ZIP code #ERP-Origin: V_BelegKopfAdr.PLZ
FAMainAnalysisLineNo	Analysis line #ERP-Origin: SA_Zeile.ZeilenNr
FAMainAnalysisType	Analysis type #ERP-Origin: SA_Zeile.AuswArt
FAMainAnalysisVariant	Analysis variant #ERP-Origin: SA_Zeile.Variante
InvoiceDocSpecialist	Specialist #ERP-Origin: V_BelegKopf.Sachbearbeiter
MvmtMRPGroup	MRP group #ERP-Origin: MD_Artikel.DispoGruppe
MvmtMRPGroupDesc	MRP group (description) #ERP-Origin: S_DispoGruppeSpr.Bezeichnung

OrderDocSpecialist	Specialist #ERP-Origin: V_BelegKopf.Sachbearbeiter
PMPProjectSpecialist	Specialist #ERP-Origin: JBT_Project.Sachbearbeiter
PurBODocSpecialist	Specialist #ERP-Origin: E_RA_Kopf.Sachbearbeiter
PurCallOrderDocSpecialist	Specialist #ERP-Origin: EBT_CallOrder.Sachbearbeiter
PurDebitDocSpecialist	Specialist #ERP-Origin: E_BelegKopf.Sachbearbeiter
PurDesAdvDocSpecialist	Specialist #ERP-Origin: E_BelegKopf.Sachbearbeiter
PurInvDocSpecialist	Specialist #ERP-Origin: ER_BelegKopf.Sachbearbeiter
PurOrderDocSpecialist	Specialist #ERP-Origin: E_BelegKopf.Sachbearbeiter
PurQuoteDocSpecialist	Specialist #ERP-Origin: EA_AnfKopf.Sachbearbeiter
PurRetDocSpecialist	Specialist #ERP-Origin: E_BelegKopf.Sachbearbeiter
QuoteDocSpecialist	Specialist #ERP-Origin: V_BelegKopf.Sachbearbeiter
ShippingDocSpecialist	Specialist #ERP-Origin: V_BelegKopf.Sachbearbeiter
SupplierDeliveryBox	Delivery box #ERP-Origin: V_BelegKopfAdr.Postfach
SupplierDeliveryCity	City #ERP-Origin: S_Adresse.Ort
SupplierDeliveryCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
SupplierDeliveryEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
SupplierDeliveryFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
SupplierDeliveryName	Name #ERP-Origin: V_BelegKopfAdr.Name1
SupplierDeliveryState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
SupplierDeliveryStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
SupplierDeliveryStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer

SupplierDeliveryTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
SupplierDeliveryZIPBox	ZIP box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
SupplierDeliveryZIPCode	ZIP code #ERP-Origin: V_BelegKopfAdr.PLZ
SupplierDestinationBox	Destination box #ERP-Origin: V_BelegKopfAdr.Postfach
SupplierDestinationCity	City #ERP-Origin: S_Adresse.Ort
SupplierDestinationCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
SupplierDestinationEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
SupplierDestinationFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
SupplierDestinationName	Name #ERP-Origin: V_BelegKopfAdr.Name1
SupplierDestinationState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
SupplierDestinationStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
SupplierDestinationStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer
SupplierDestinationTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
SupplierDestinationZIPBox	ZIP Box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
SupplierDestinationZIPCode	ZIP Code #ERP-Origin: V_BelegKopfAdr.PLZ
SupplierInvoiceBox	Box #ERP-Origin: V_BelegKopfAdr.Postfach
SupplierInvoiceCity	City #ERP-Origin: S_Adresse.Ort
SupplierInvoiceCountry	Country #ERP-Origin: V_BelegKopfAdr.Staat
SupplierInvoiceEMail	Email #ERP-Origin: V_BelegKopfAdr.EMail
SupplierInvoiceFirstName	First name #ERP-Origin: V_BelegKopfAdr.Vorname
SupplierInvoiceName	Name #ERP-Origin: V_BelegKopfAdr.Name1

SupplierInvoiceState	State #ERP-Origin: V_BelegKopfAdr.Bundesland
SupplierInvoiceStreet	Street #ERP-Origin: V_BelegKopfAdr.Strasse
SupplierInvoiceStreetNo	Street no #ERP-Origin: V_BelegKopfAdr.Hausnummer
SupplierInvoiceTelephone	Telephone #ERP-Origin: V_BelegKopfAdr.Telefon
SupplierInvoiceZIPBox	ZIP box #ERP-Origin: V_BelegKopfAdr.PLZ_Postfach
SupplierInvoiceZIPCode	ZIP code #ERP-Origin: V_BelegKopfAdr.PLZ

6. Compatibility

NEMO is compatible with all ERP releases from 6.1 onwards.

NEMO is optimized for Chromium based web browsers e.g., Google Chrome or Microsoft Edge.

Functional Limitations

Following functionality is limited as of now:

- Calculations of Driver and Indicators are not based on Intervals.
- Stock movements for material withdrawals are not yet exported in Production.
- Warehouse movements for material storage are not yet exported in Production.
- The corporate currency is picked from the associated "ERP Business Processes" Project. If there is none currency calculations won't work.
- Batch Forecasting works only in Project "ERP Business Processes".

Restrictions

Following restrictions apply as of now:

- Process Mining works only in Project "ERP Business Processes" for the time being.
- Panels work only if two years of data are available.

Component Status

- N.A.

Known Issues

- Very large temporary scopes created with Process Mining might fail in other apps.
- A last-minute detected error causes that Panels don't work properly currently.

7. Documentation

Apart from this Release Letter, further documentation is available on [NEMO Help Portal](#).

8. Availability

All production environments have been updated already.