



NAPCON UNDERSTAND

NAPCON Understand solutions enable you to dig deeper into the vast sea of data generated by your plant.

NAPCON INFORMER
NAPCON ANALYTICS



KNOW MORE, PERFORM BETTER.

NAPCON Understand solutions are designed to turn the data into relevant information that help optimize your company's production. They channel the endless streams of data into valuable pieces of information.



USE NAPCON INFORMER FOR

NAPCON INFORMER KNOWS IT ALL

NAPCON Informer makes it easy to collect all process data from your DCS systems, IoT devices and plants by Industry 4.0 compatible way. Take over Operational Intelligence and gear up digital transformation with OPC UA certified, future-proof vendor-independent solutions.



Need to handle large amounts of data without any restrictions? NAPCON is the answer. We provide a variety of tools that enable you to get more out of your data. *Tame your Big Data and make it serve you.*



Modern sustainable business takes into account all environmental aspects of the production. NAPCON supports this goal by providing several ways to minimize the environmental impact of the production. *We help you succeed, but never at the expense of nature.*



Increased productivity, decreased use of energy. Thanks to real-time optimization, NAPCON can help you boost your energy efficiency while simultaneously reducing waste.

NAPCON INFORMER BENEFITS

FLEXIBLE

NAPCON Informer allows configurable process data collection and sharing it from any single automation system, all the way to global, multiple plant-wide information systems.

PERFORMANCE

Our major design principle for this modern and fast information platform is the capability to handle large scale data.

SAFETY

OPC UA with attention to specific industry related requirements, latest technologies and architectures guarantees built-in cyber security.

STANDARDIZED

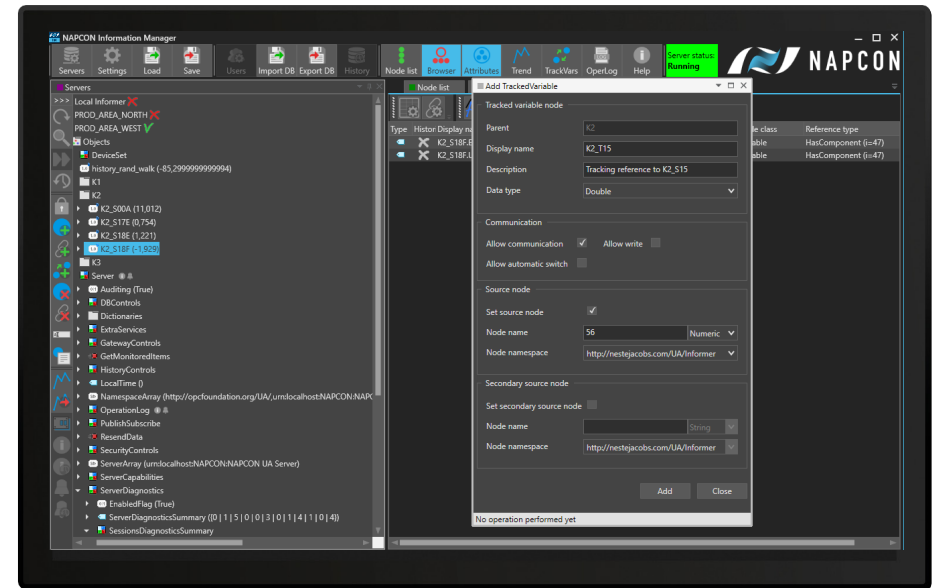
NAPCON Informer accomplishes a standardized, modern and secure OPC UA interface, making it compatible with any existing modern information system.

VERIFIED

NAPCON Informer accomplishes a standardized, modern and secure OPC UA interface, making it compatible with any existing modern information system.

TRANSPARENCY OF INFORMATION

NAPCON Informer is a reliable and scalable solution for effective access and analysis of your process information.



EXPERTISE

Your business is in good hands: with our 30 years experience we truly understand the process industry platform.

NAPCON INFORMER KEY FEATURES

STANDARDIZED

Standardized interfaces through OPC UA for historian and real-time information built on top of time series database with premium performance.

EXTENDABLE

Easily extendable to different on-premises, cloud or hybrid cloud needs for data management purposes to power up new and existing investments.

AUTOMATION

Built-in information models that allow true system-to-system communication improving performance and scalability.

ADAPTABILITY

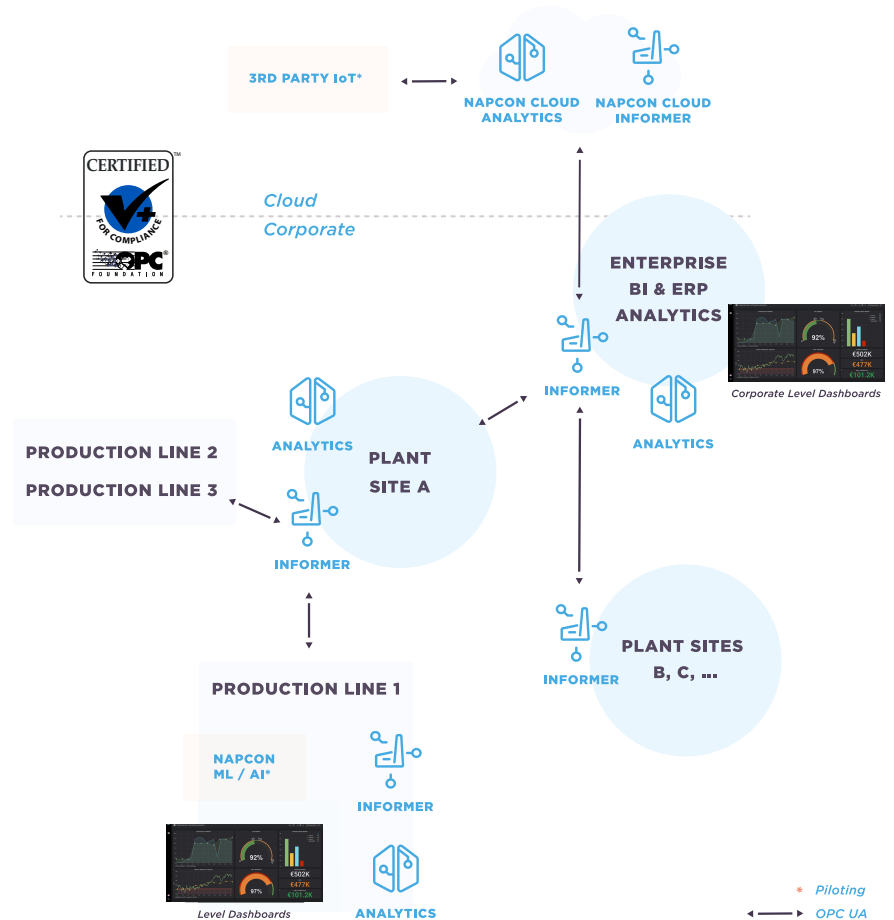
NAPCON Informer can automatically detect changes on instrumentation, leading powerful reporting and visualizations with NAPCON Analytics.

SAFETY

OPC UA technology that enables cyber secure communication and provides reliable user authentication.

EFFICIENCY

Historian database with time series capabilities enabling efficient data handling that truly matches the needs.




NESTE

NAPCON INFORMER REVOLUTIONIZES PRODUCTION TRACKING.

Neste turned to NAPCON, requesting them to provide new software, which would improve and stabilize their production tracking system. NAPCON Informer now provides Neste with an easy-to-use system that is both accurate and stable. Most importantly, the new system enables personnel to perform the same production tracking tasks in a matter of hours rather than a matter of days – decreasing resources required for production tracking by an incredible 78%.





NAPCON ANALYTICS IS THE LINK BETWEEN DATA AND REAL KNOWLEDGE.

NAPCON Analytics turns your plant data to easily understandable KPI's and forms the brains for Operational Intelligence to help you predict the real-life consequences of your operations.

USE NAPCON ANALYTICS FOR



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Tame your Big Data and make it serve you.



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Get more out of what you got. NAPCON maximizes production rates and simultaneously minimizes the production costs by selecting the most profitable product based on the market price and situation.



Never settle for nothing but the best. We make sure that your products are always of the highest possible quality. NAPCON will keep you in balance: it helps you reach maximum profits and minimum costs without compromising on your quality targets.

NAPCON ANALYTICS BENEFITS

INTELLIGENCE

NAPCON Analytics releases the full benefits of Operational Intelligence for you with pleasant dashboards ready for real time and future predictions.

EXPERTISE

We offer in-depth process industry knowledge for building operational intelligence solutions with KPI visualizations, process phenomena predictions and much more.

UNDERSTANDABILITY

NAPCON Analytics provides personalized, coherent real time view for plant's operational process information and KPI's.

RELIABILITY

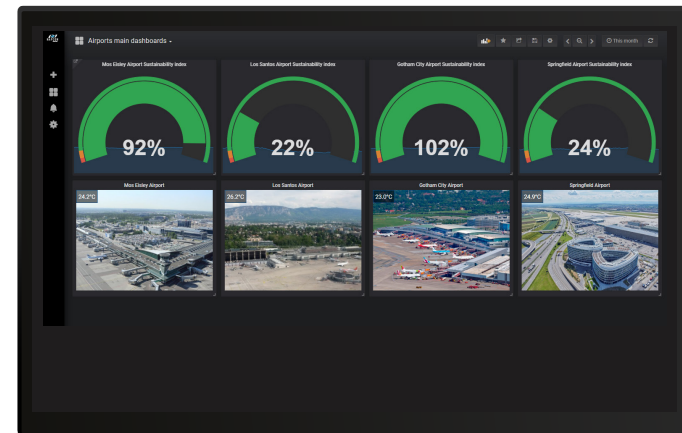
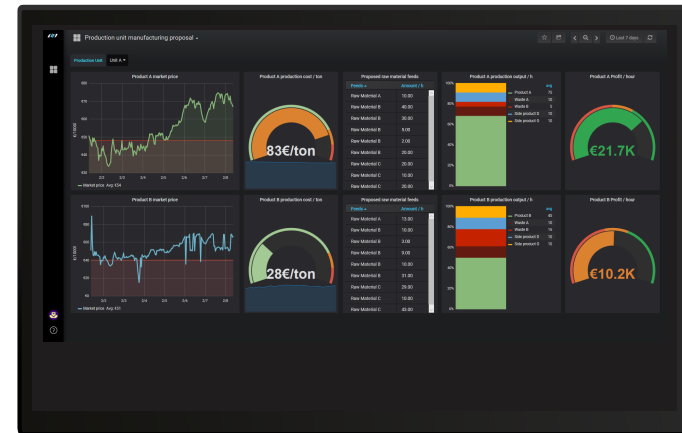
Our solid experience of industrial data reconciliation and calculation models for process optimization are fully at your service.

CUSTOMIZABLE

We are specialized to provide ready-for-use customizable solutions to boost process economy to most demanding customer challenges.

INDUSTRIAL SOLUTION

NAPCON Analytics is built for process industry needs with easy integration to process data solutions and seamless reporting tools with audit trails.



NAPCON ANALYTICS KEY FEATURES

COMPATIBILITY

NAPCON Analytics expands your existing systems and easily connects to any DCS, SCADA, APC, MOM, MES, ERP and a wide range of visualization and reporting systems.

INTELLIGENCE

Ground your Operational Intelligence to NAPCON Analytics real time capabilities and expand existing business intelligence systems with streaming operational KPI's.

DIVERSITY

Intuitive modular packages for different needs: Analytics Core with Dashboards and extensions for Reporting, Online calculations and Advanced calculations for data.

CALCULATIONS

Advanced calculations with full Python plus wide range of industry specific calculation packages extensions, such as energy efficiency calculations, product property predictions and exact energy and mass balance calculations.

SAFETY

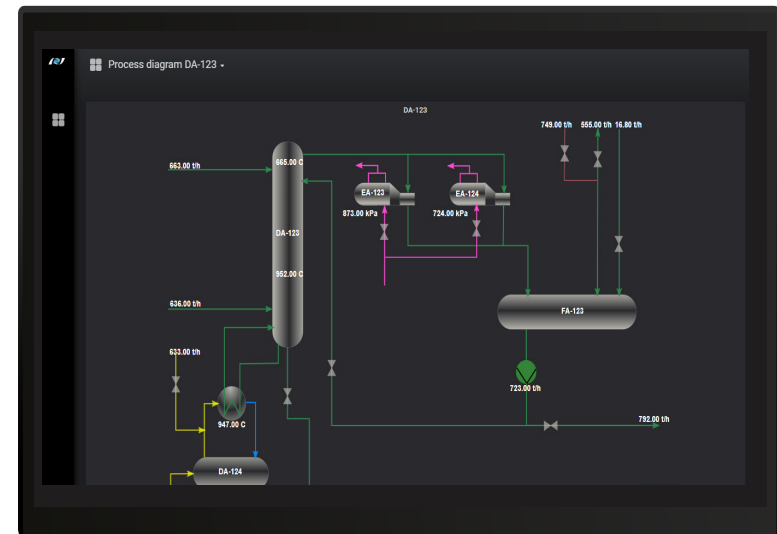
Continuous verification and validity checking for process data including features such as recalculation when missing data points are re-entered.

DATA RECONCILIATION

Advanced signal conditioning by using data reconciliation to guarantee correct measurement and proper actions.

SOFT SENSORS

Take advantage of non-measurable online parameters from streaming data to mimic measurements, for example in continuous emission monitoring system (CEMS) or energy emission systems.



BAHRAIN LUBE BASE OIL COMPANY

LONG-TERM RESULT VALIDATION WITH NAPCON ANALYTICS

The long-term validation of the quality control measurement results at The Bahrain Lube Base Oil Company's Group III Base Oil production plant is performed by NAPCON Analytics Real Time Data extension, which is connected directly to the Laboratory Information Management System. The validation reports generated by NAPCON Analytics are emailed to specified members of personnel, using the client's own server. Validated product quality readings are valuable because they represent real-time process data that can be utilized further in boosting the overall operational excellence of the plant.



NAPCON PRODUCTS



UNDERSTAND

NAPCON Understand solutions will turn the data provided by your plant into relevant information that help optimize your company's production.

NAPCON Informer
NAPCON Analytics



IMPROVE

NAPCON Improve solutions will bring out the maximum potential of your operations and help you ensure that your investments meet your strategic goals.

NAPCON Controller
NAPCON Optimizer
NAPCON Business Optimizer



TRAIN

NAPCON Train solutions will bring the real life plant into the virtual world, making training operators and testing the limits of your plant safe and exciting.

NAPCON Simulator
NAPCON Games

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