Metris
ANDRITZ Digital Solutions

AUTOMATION AND DIGITALIZATION

METRIS PLANT INSIGHTS

CONVERTING RAW DATA TO USEFUL INSIGHTS AND BEYOND TO ENABLE PLANT WIDE PROCESS OPTIMIZATION.

ANDRITZ
ENGINEERED SUCCESS

Behind the innovation

During a long time, the systems responsible for managing information from industrial processes have played an important role as data storage agents only.

Considering the oldest contexts, Metris-All-in-one-platform, brings a different an enhance solution, with the Metris Plant Insights, where storage is one of the numerous features of the platform and the most powerful thing is to transform data into information in an intelligent and fast manner.

Metris Plant InSights is one of cornerstones of the Metris–All-in-one-platform, it is a complete PIMS (Production Information Management System) built on "reverse mode".

First we built the tools to understand and learn from data. Combining these learnings with our extensive process know-how enables us building a solid layer for plant-wide process optimization.

Therefore plant InSights is a combination of various applications to handle data from end-to-end, enabling a PIMS with unique capabilities to cope with future demands from the market.

Our success came through a capability of turning customer demands into our needs, building a step-by-step solution to support our customers in their restless efforts towards continuous improvements of their delivered results.

The TAG! Beyond Numbers

A TAG carries much more than a simple number, it in addition also used for higher structured data towards increased data management capabilities speeding up data transformation from raw data to reliable and qualified information.

| More **FLEXIBILITY** on **DATA MANAGEMENT** | More **SPEED** to deliver **VALUE IN BUSINESS** | More **QUALITY** on **BUILDING INFORMATION** |

PLANT INSIGHTS FEATURES CONSISTING OF:

- Data Collection
- Data Historian
- Data Analysis
- Monitoring
- Decision-making
  Additional APPs supporting an easy decision making

It combines a complete PIMS solution with Reports, Statistical Process Control, Product Traceability and Articial intelligence (AI)/Machine learning (ML) functionality.

Built over decades of on-site experience, Metris Plant InSights was designed from the very beginning to supoort an easy decision making for continuous process improvements.

Thanks to the plant InSights, we have now a comprehensive collection of APPs to support customers on their continuous improvement journey.

Supported by a reliable data collection, historian and a userfriendly HMI we deliver outstanding value to ours customers
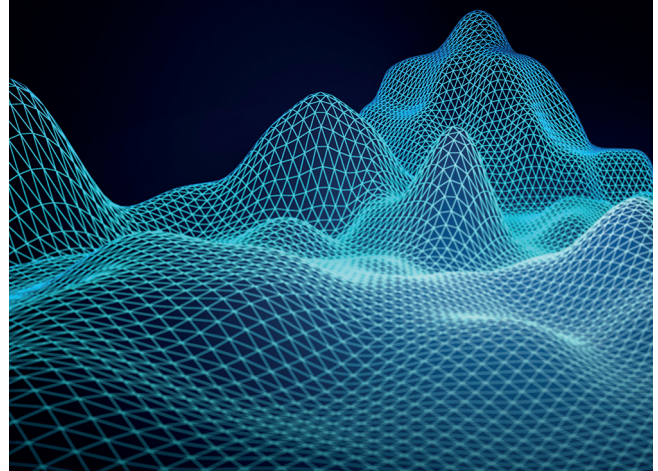
ADVANCED DATA ANALYTICS & AI TOOLS

- Data Analytics
- Data Browser
- Data Mining
- Calculation Engine
- Digital Twin (Data/ML Driven)
- Machine Learning Designer
- Machine Learning Notebook (based on Phyton)

With our advanced analytic apps, customer has the freedom to use the latest technologies on data analysis to built its own process optimization solutions.

Benefits

- Metris APP design based on customer needs
- Flexible infrastructure to fit different process industries and budgets
- As part of Metris All-in-one platform PIMS functionality can be enhanced towards Autonomous operation step-by-step
- Used for the creation of Soft sensors, even with implementing Phyton codes
- Enhanced Human interfaces (HMI) to create every type of visualization needed
- KPI based dashboard for objective, consistent and systematic process analysis

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ANY QUESTIONS? PLEASE CONTACT US

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