WIZATA

THE OPEN PLATFORM TO BUILD AND DEPLOY ARTIFICIAL INTELLIGENCE FOR PROCESS MANUFACTURING

Drive AI project fast and effortlessly **from proof of concept to real production**.

Find answer to unsolved and complex business problems, centralize best practices, and **embrace AI in a collaborative and ROI driven way**.

Wizata goes **from predictive to prescriptive** analytics: from the multitude of possible outcomes that are simulated, **the best course of actions is identified** to achieve the objectives, generating recommendations to improve production processes.

Discover the platform and its features.

Process Digital Twin designer

- Global view of all assets, from factories to individual sensors

- Meaningful representation of processes, digitizing only what is needed to solve business issues and delimiting the required subset of data

- 4D engine to align and harmonize data in space and time for the benefit of intelligent solutions

Business pains collector & analyzer

- Prioritization of pain points (or improvements paths) to tackle, based on return-of-investment and company-wide objectives such as environmental challenges

- Guided methodology based on data science best practices fine-tuned for 4 years around the world

- Enhanced collaboration tools to drive synergy and foster innovation between operations, technology and management profiles

Predictive and prescriptive AI assistant

- Comprehensive process optimization instead of only isolated parts

- Monitoring of results and improvements over time, with technical and financial reporting

- Alerts and notifications and live monitoring dashboards, customizable for every role

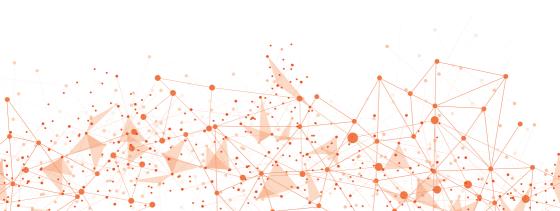- Real-time actionable recommendations to empower operators and improve the processes

Data explorer & AI solution builder

- Automatic data transformation including assessment, cleaning, normalization, standardization, adaptation and storage

- Ready-to-use refined data for the data science experiments and R&D process

- Creation, training, evaluation and deployment of AI solutions that learn through data

- Automatic intelligent model retraining

- Transparent decisions with dynamic risk assessment of AI insights

- Test in a virtual production before execution on physical production lines

Investments controller

- Tracking and management of global initiatives and individual projects with built-in financial return tracking

Solutions replicator & adaptor

- Replication of AI solutions from production line to production line and from factory to factory

- Self-adaptation, integration and management of necessary resources to scale the solutions

- AI return-of-investment multiplier for company-wide impact

WHY IS WIZATA UNIQUE?

Whole process optimization:
enhancing the entire production instead of isolated parts

Open, adaptive Platform-as-a-Service (PaaS)
built on cutting edge components that can be checked, customized and replaced

Data, models and intellectual property
under the sole control of the customer

Orchestrator:
smart integration of existing assets and resources

ROI solutions' tracking:
from inception to production: control of resources invested step by step

Collaborative knowledge building:
offering one single interface to foster team collaboration, giving anyone the ability to share, build, react and manage

INTERNATIONAL CUSTOMERS:

ArcelorMittal

aperam

PAUL WURTH
SMS group

STRONG PARTNERSHIP:

Microsoft

SOME OF OUR SOLUTIONS BUILT ON THE PLATFORM

QUALITY PREDICTION & REAL TIME SET POINTS RECOMMENDATIONS

QUALITY DEFECTS DECREASES UP TO
10 %

GLOBAL PRODUCTION LINE OPTIMIZATION & YIELD IMPROVEMENT

INCREASES YIELD OF PRODUCTION LINE UP TO
2 %

PREDICTIVE MAINTENANCE AND PRESCRIPTIVE RECOMMENDATIONS TO INCREASE UPTIME

REDUCES MACHINE DOWNTIME UP TO
25 %

LET'S TALK!

+352 27 87 27 1   info@wizata.com   www.wizata.com