



WIZATA

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





# WIZATA - THE OPEN PLATFORM TO BUILD AND SCALE AI SOLUTIONS IN PROCESS MANUFACTURING

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Meet Wizata: a platform built to empower the process industry and metal manufacturers to drive AI project effortlessly from proof of concept to real production. With its smart, autonomous and, rapid digitalization capabilities, the Industry 4.0 revolution can truly emerge.

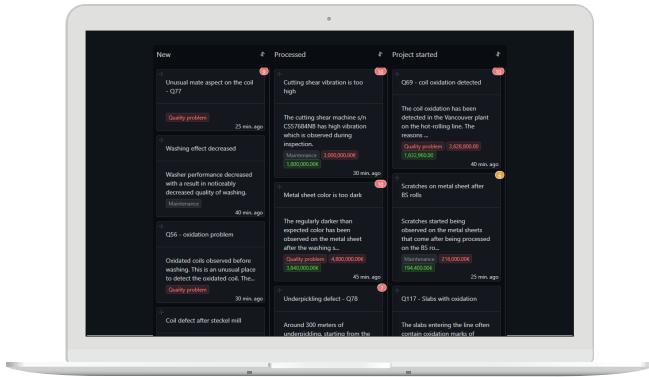
With Wizata's comprehensive and holistic production optimization capabilities up to a global scale, companies can face environmental challenges, improve their quality control, optimize their yield and take advantage of predictive maintenance. Wizata goes from predictive to prescriptive analytics: from 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.

Answering the needs of industrials who seek answer to unsolved and complex business problems, centralizing best practices, and to embrace AI in a collaborative way, the Wizata platform is a concrete answer to today and tomorrow's challenge, where staying competitive by swiftly taking advantage of AI is essential, as well as controlling closely its related investment and measuring ROI.

Based on the principle of 'Privacy by design', the platform has been built integrating the value of trust in its architecture itself: the open platform secures the companies' knowhow internally, and their data isn't accessible to the Wizata team or to the cloud company. Combining competitiveness and sovereignty on knowledge, intellectual property and data is now within reach.



# 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

## Data explorer & AI solution builder

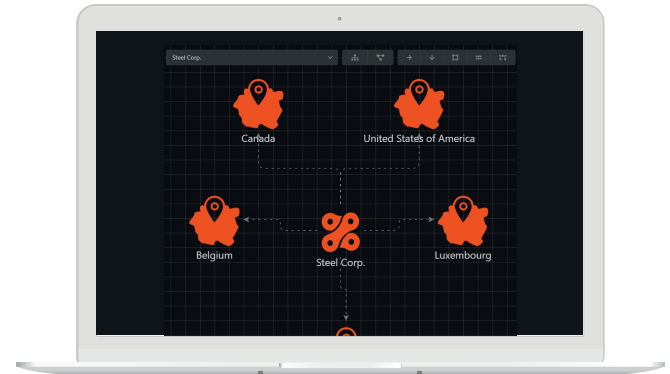
- Automatic data transformation including assessment, cleaning, normalization, standardization, adaptation and storage
- Ready-to-use refined data for the data science experiments and R&D process
- Creation, training, evaluation and deployment of AI solutions that learn through data
- Automatic intelligent model retraining
- Transparent decisions with dynamic risk assessment of AI insights
- Test in a virtual production before execution on physical production lines





### 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



### 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

### Investments controller

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





## WHY IS WIZATA UNIQUE?

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### Whole process optimization:

enhancing the entire production instead of isolated parts



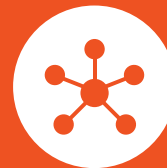
### Open, adaptive Platform-as-a-Service (PaaS)

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

## 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 %**

INTERNATIONAL CUSTOMERS:



STRONG PARTNERSHIP:



# JEAN-PHILIPPE HUGO

FOUNDER & CEO - WIZATA

*«Empowering the industry with a tool to swiftly embrace the power of Artificial Intelligence and enable data driven decisions is the essence of the company.»*

Jean-Philippe Hugo, founder & CEO - Wizata

## BIOGRAPHY:

- Born January 19th 1988, Arlon, Belgium
- 2006 - 2009: Bachelor degree in computer management
- 2008 - 2014: Work as Data Analytics consultant
- 2014: Creation of Wizata, at the age of 26





## WIZATA - THE NATIVE DATA SCIENCE COMPANY AND ITS CONTRIBUTORS:

More than 20 dynamic and young enthusiasts of 10 different nationalities are working for Wizata and daily contributing to the platform performance improvement and its users satisfaction.

Common to every Wizata platform contributor is a passion for cutting edge technologies, the respect of customers values, a hard-working spirit to imagine the best solution regardless the complexity, and a strong business expertise in their area of excellence.

Wizata is a platform, but also an innovation powerhouse where working hard and playing hard contributes to a constructive, sparkling and successful working atmosphere.

### BIOGRAPHY:

- 24.07.14: Creation Wizata S.A. In Luxembourg
- December 2016: Award: Startup of the year in Luxembourg – recognized by IT ONE
- June 2017: Award: Microsoft Luxembourg Partner of the year
- May 2018: Fund raising: Wizata raises €1.5 Million, including €500,000 from the Luxembourg Digital Tech Fund to develop Wizata platform.
- April 2019: Official WIZATA Platform launch at Hannover Messe



## WHAT IS SAID ABOUT US

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*«Luxembourg is uniquely positioned to lead the EU in its fourth industrial revolution through strategic investments in innovative technologies such as artificial intelligence. Together with ambitious companies from Luxembourg such as Wizata, a company backed by the Digital Tech Fund, we can drive tomorrow's industrial excellence.»*

*Étienne Schneider, Deputy Prime Minister of Luxembourg and Minister of the Economy and Trade*

*«Wizata has the key ingredients of a successful startup:  
a great team with a global ambition and a great product with a global market.»*

*Marc Gendebien, founding partner of Expon Capital, manager of the Digital Tech Fund*

*«Wizata, the key Luxemburgish asset of steel giants.»*

*Thierry Labro, Wort*

*«Wizata serves companies in the manufacturing and natural resources industries, first and foremost in the metallurgy sector. Its expertise? Using big data and artificial intelligence (with a Microsoft partnership) to optimize production, perform predictive maintenance and guarantee production quality. Essentially, Wizata is rushing into the booming Industry 4.0.»*

*Christophe Charlot, Trends-Tendances*

*«Wizata, a team of data science, metallurgy and manufacturing experts, develops AI solutions to help companies achieve the highest results within their production processes.»*

*Happen Magazine*





## WANT TO MEET US?

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