



## Unlock the potential of unified industrial data and maximize the efficiency of your processes

Experience the future of digital twins: Newboot's customized solution centralizes and normalizes your data for a precise and optimized modeling of your processes

# newboot

# YOUR CHALLENGES

**Maximizing efficiency, quality, sustainability, and competitiveness** rely on effectively modeling and optimizing industrial processes. To adapt to industry and market shifts and keep innovating, companies of all sizes must successfully **address several challenges** :



## Process complexity

Creating accurate models to predict actual performance is difficult: industrial processes can be extremely complex and involve numerous interdependent variable and changing operational conditions



## Data collection and analysis

Optimization requires accurate and comprehensive data. The collection, cleaning, and analysis of large volumes of data can be costly and time-consuming, especially for companies that have not invested in modern data management systems.



## Skills and expertise

Advanced modeling and optimization require specific skills in engineering, statistics, and computer science. Unfortunately, a lack of qualified personnel can limit a company's ability to effectively undertake these activities.



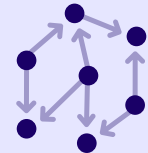
## Initial investment

Companies must carefully evaluate the overall cost of the solution, staff training and the return on investment, which can be challenging without a clear understanding of the long-term benefits.



## Maintaining Optimization

Keeping industrial processes in sync with technological, market and input changes requires continuous efforts and regular adjustments over time.



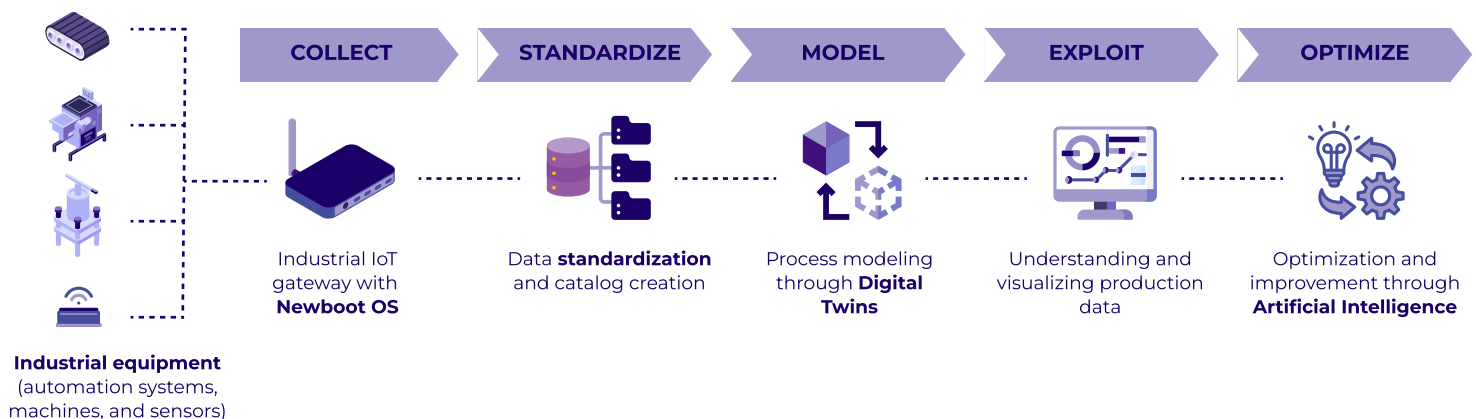
## System integration

Businesses leverage a spectrum of advanced systems and technologies but integrating cutting-edge optimization solutions into these complex infrastructures is a true technical feat.

# A MANAGED AND SUPERVISED SOLUTION

Optimize a company's industrial processes by analyzing its own data, regardless of the systems in place, and generate efficiency gains.

Our solution provides a unified platform to simplify data access and analysis, turning these challenges into growth opportunities.



# IMPROVE YOUR KEY PERFORMANCE INDICATORS



## AVAILABILITY

Optimize your production schedules and increase your operational capacity



## PERFORMANCE

Enhance the operational performance of your machines and aim for their maximum capacity



## QUALITY

Maintain high quality standards while reducing waste and rejection rates



## DURABILITY

Support your ecological transition with greener production practices

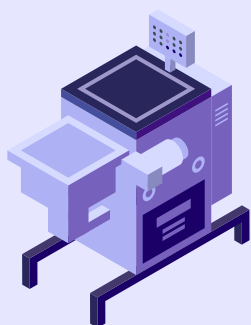
## CUSTOMER SUCCESS STORIES

### SEPR - LE PONTET (FR)

#### ENERGY CONSUMPTION OPTIMIZATION

"This breakthrough was achieved through in-depth analysis of data collected by our programmable controllers and contextual information. The use of artificial intelligence models to generate and apply precise recommendations has marked a turning point in our quest for energy efficiency."

*Digital Manufacturing Project Leader*



### NORPRO - BRYAN (US)

#### 3D MODELING AND REAL-TIME MONITORING

"Implementation of a real-time telemetry service integrating contextual data from the MES to virtualize industrial processes via Digital Twins. This innovation enables us to digitally model an entire factory, providing precise monitoring, personalized recommendations, and instant alerts for optimal management."

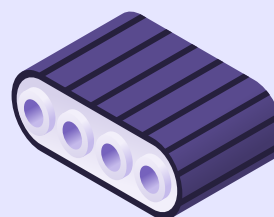
*Digital Manufacturing Manager*

### SG ABRASIVES - CONFLANS (FR)

#### CONSUMABLES OPTIMIZATION

"After integrating an advanced data collection system, both on our machines and in the context of their usage, Newboot has been a key partner in analyzing our consumption. Their expertise has optimized the use of consumables through efficient stock management forecasting."

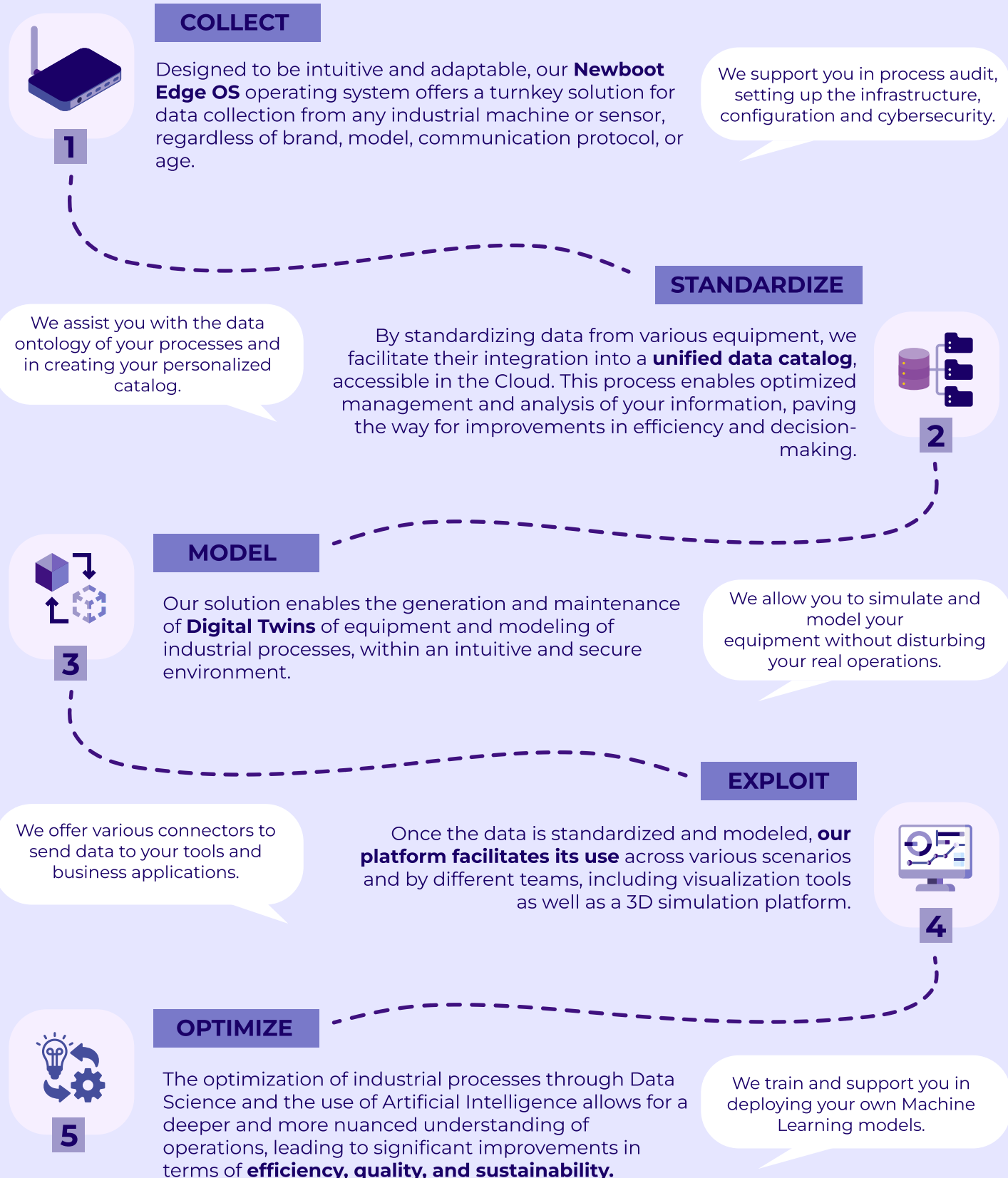
*Methods & Process Manager*





# SUPPORT AT EVERY STAGE OF THE PROJECT

Our technical team and industry 4.0 experts support you at every step of your projects, from data collection and understanding to modeling and optimizing your industrial processes.



## THEY TRUST US



## OUR PARTNERS AND SPONSORS



## CONTACT US

For more information,  
visit our website !



 **Newboot SAS**  
6 Place Wilson,  
31000 Toulouse  
FRANCE

 [Contact@newboot.io](mailto:Contact@newboot.io)

 [Newboot.io](https://www.newboot.io)