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Industrial Processes Digitalization & Optimization Platform

Exploit the full potential of industrial data

Challenge for Industrial Companies

Industrial and manufacturing companies need to monitor and improve their Key Performance Indicators (KPIs)



Monitoring KPIs is essential for operational efficiency, cost management, processes optimization, regulatory compliance, innovation and sustainability.



But without fresh, qualified, standardized and trusted production data, no strategic decision can be made.

Industrials Faces Several Difficulties



Initial Investment

Companies must carefully evaluate the overall cost of the solution, scaling up, staff training and the return on investment.



Process Complexity

Industrial processes can be extremely complex and involve numerous interdependent variable and changing operational conditions



Data Collection and Analysis

The collection, cleaning, and analysis of large volumes of data can be costly and time-consuming for companies



Skills and Expertise

Advanced modeling and optimization require specific skills in engineering, statistics, and computer science.



Maintaining Optimization

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

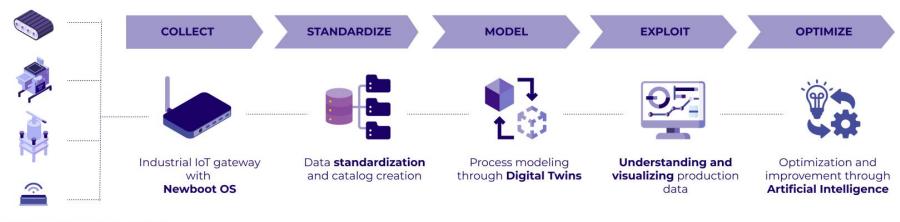


IT/OT System Integration

Integrating state-of-the-art optimization solutions into complex infrastructures is a real technical feat, and represents a significant cost.

Newboot End-to-End Solution

Newboot supports industrial companies in their digital transformation, helping them to monitor and optimize their processes on the basis of real-time, qualified, standardized and shared data cross department.

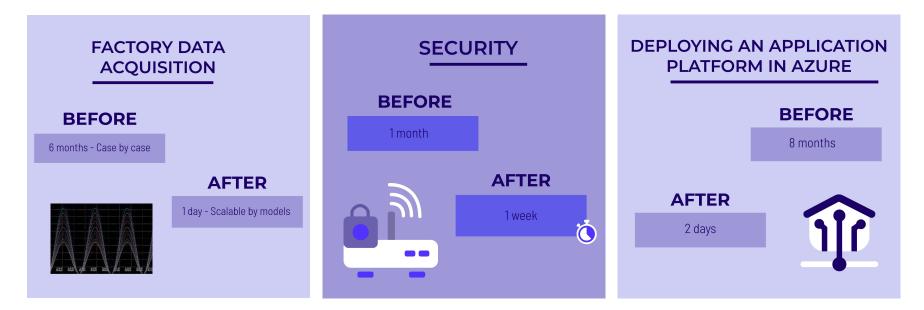


Industrial equipment (automation systems, machines, and sensors)

Newboot Edge & PaaS solutions optimize deployment costs for both single use cases and large-scale deployments, while guaranteeing security and interoperability with other company departments.

More Efficient & Less Costly Deployment

Newboot accelerates the digital transformation of industrial companies, while guaranteeing a high level of security and controlled deployment costs, even at scale.



Results From Our Industrials Clients

By implementing Newboot's data collect and Digital Twin solutions, our clients achieved significant results:



20% Reduction in production downtime

Predictive maintenance and analysis minimized unexpected breakdowns and loss of production synergy.



15% Increase in operational efficiency

Process optimization using digital twin simulations streamlined workflows and reduced waste.



6-12% Savings on energy costs

Real-time energy management optimized consumption and significantly reduced energy bills.

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Technology & Innovation

DATA COLLECT	STANDARDIZE	MODELING	EXPLOIT	OPTIMIZE
NEWBOOT EDGE OS®	NEWBOOT PLATFORM®	PROCESSES DIGITAL TWIN	3D INDUSTRY VERSE®	CONSULTANCY SERVICES
Newboot has developed an operating system that is deployed on industrial IoT gateways integrating: • Versatile connectivity, including multi-industrial protocols and industrial sensors • Connection to business applications • Custom container and AI models integration	Newboot offers an IoT gateways management platform deployed in your infrastructure that includes: • IoT infrastructure and platform administration • Modules management and full configuration • Data platform management and visualization	Newboot build your machine and processes Digital Twins with: • Machine catalog and data ontology management • Machines digital twin management • Integration of processes context data	Our 3D visualization platform allows you to model your production lines with real-time data, providing a 360° view of your processes: • Partnership with NVIDIA Omniverse • Native integration with Newboot platform • Pre-configured connectors with external data sources	Our teams of consultants help you to optimize industrial processes, based on our insights and valuable data: • Increase productivity • Energy optimization • Track and control • Maintain optimization
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Connect 95% of the Industrial Machines

		FEATURES (OT LEGACY)					LOCAL PROTOCOL (OT COMPATIBILITY))		
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	> PLC BRIDGED w/ OPC-UA	0	0	0	0	0								Vision Data	

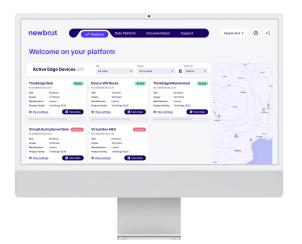
	FEATURES (OT LEGACY)						LOCAL PROTOCOL (OT COMPATIBILITY)							
Sensor Data	DIGITIZER	SAMPLER	NORMALIZER	MONITOR	FORMAT	ANALOG	MODBUS	SERIAL	4-20mA	BLUETOOTH	LORAWAN	TCP SOCKET		
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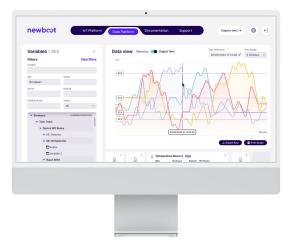
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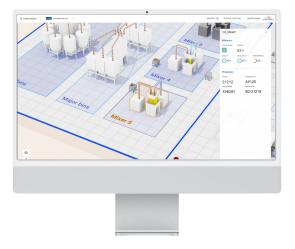
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VIDEO (CAMERA)

Technology & Innovation







Newboot Edge Management®

Newboot Data Management®

Newboot 3D IndustryVerse®

Team & Company

Highly Skilled Team



Wael Chahrour - CIO Innovation, R&D, Projects



Julien Morin - CEO Strategy, Product, Finance in <u>@morinjulien</u>



Sébastien Laruée - CTO Tech Strategy, Industrialization @sebastienlaruee



Hassan Harb - Sr. Consultant Projects, Operations, Industry 4.0 in @hassanharb15



Laurine Salabert - MarCom UI/UX, Communication in @laurine-salabert



Zakaria Naji - Engineer DevOps, Full Stack Developer in @zakaria-naji



Süleyman Kirkan - CSM Project Management in @krkn



Jules Filiot - Engineer Full Stack Developer in @jules-filiot



Aymeric Dieuaide - Engineer Full Stack Developer in @aymerick-dieuaide

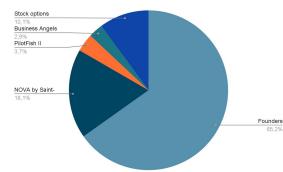
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Seed Funding Review

Fundraising objectives

- ✓ 1,2M€ seed fundraise at the end of 2022
- ✓ NOVA by Saint-Gobain as lead investor
- ✓ Hiring tech and industry high profiles
- ✓ Industrialize our platform for scale up
- Deliver new business opportunities
- Achieved 3 years business plan
- ✓ Structure the company

Capitalization table



Investors and board members



Raphael Viard VP & CDIO HPS at Saint-Gobain (ex SNCF, Alstom) #business #industry40 #tech #network in @rviard



Julien Trassard Ex-CEO LinkByNet #product #businessmodel #sales #network in @julientrassard



Cyril Demaria Managing General Partner at PilotFish Ltd #structuration #profitability #fundraising in @cyril-demaria



Adarsh Sowcar (board observer) External Ventures Manager at NOVA by SG #finance #fundraising @adarshsowcar

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History & Objectives

Market Discovery Market Conquest 3M€ Serie A fundraise 2M€ New industrial Saint-Gobain clients group contract 1,5M€ **NVIDIA 3D** Lenovo hardware partnership partnership 1M€ Seed fundraise 1.2M€ Validation phase with Saint-Gobain 500K€ 16 clients 21 clients 25 clients 35 clients 50 clients 80 clients 2021 2022 2023 2024 2025 2026 2027

Traction & Achievements



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Julien Morin

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Wael Chahrour

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