

Retuner

Digital Intensive for your Industry 4.0



Retuner

to retune SMBs to Industry 4.0 tunes

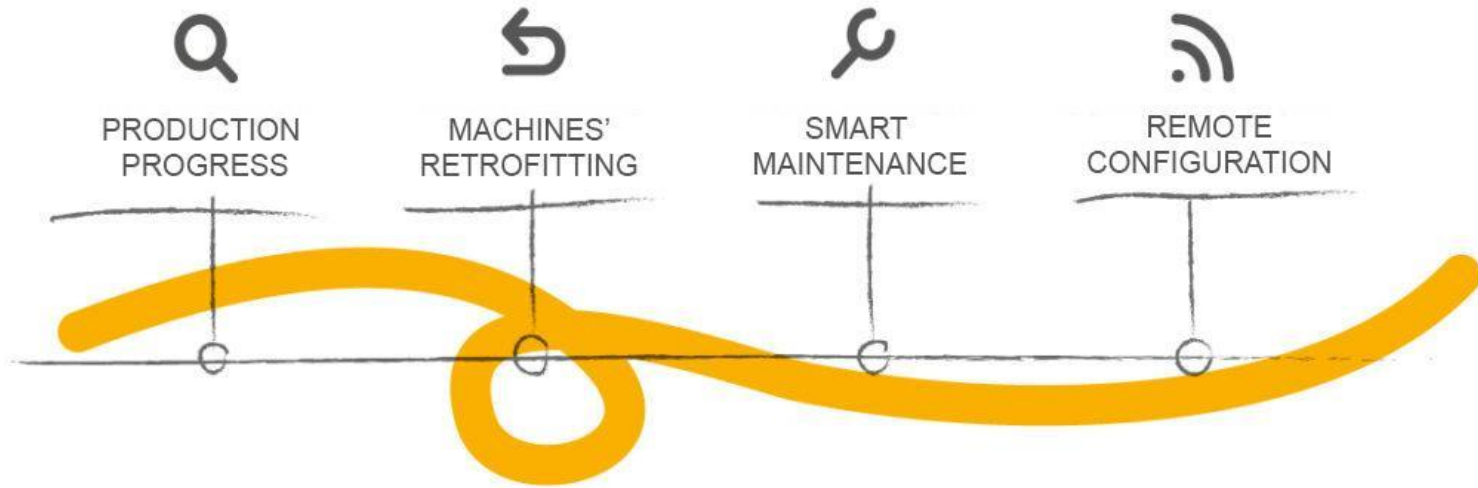
Have you ever imagined a rhythm generated by machines and systems that move in tune with each other?



The Orchestra
product
suite



Retuner: the ready-to-use solution for the entire manufacturing ecosystem



Retuner benefits for customers

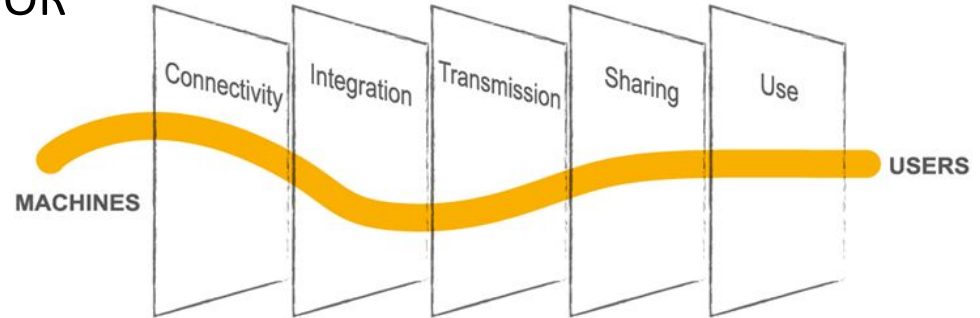
- Control of progress of production orders
- Monitoring of production performances and downtime prevention
- Prediction of malfunctions and real-time checking of work conditions
- Maintenance of factory efficiency and product quality enforcement



Cloud Driven Edge Computing

Our IIoT paradigm

- ORCHESTRA provides monitoring and control systems for any INDOOR or OUTDOOR, new or existing machine or plant
- Our CLOUD DRIVEN EDGE COMPUTING solution allows the dynamic reconfiguration of the IIoT stack by adding intelligence and digital services at every level



Retuner:

the products suite

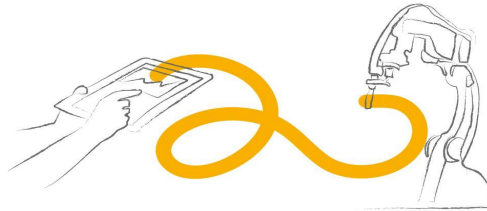
→ SMARTEdge^{4.0}



→ SMARTHinge^{4.0}



→ MiniMES^{4.0}

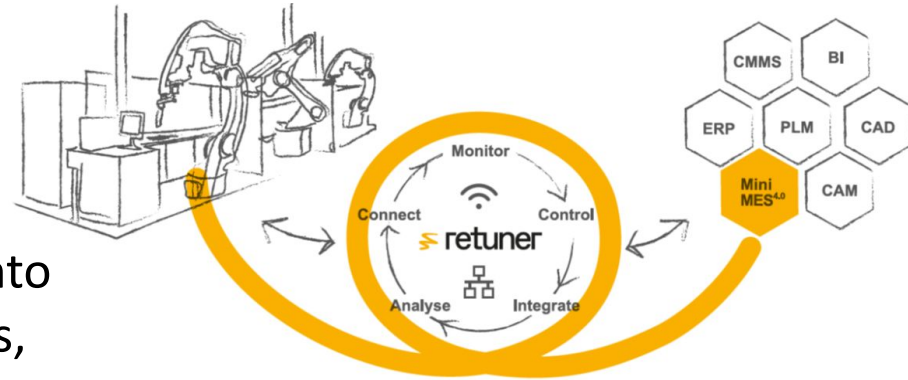


The smart hinge 4.0

connects and bridges OT and ICT in the company

ORCHESTRA technology:

- decouples the shop-floor from the company's ICT systems by integrating them meantime
- normalizes and transforms raw data into ready-to-use information for machines, production operators and ICT systems
- monitors and controls all machine efficiency and shifting
- manages all the Edges installed on machines board



SMARTEdge^{4.0} NG: functionalities

- All-in-one device based on integrated cards and Linux operating system, designed to be modular, reconfigurable, with natural heat dissipation
- Cybersecurity by design
- Versions:
 - Rugged IP67 for aggressive environments or outdoor use
 - DIN Rail version for electrical panels



MiniMES^{4.0}: for the digitization of SMEs production processes

- Manufacturing execution system software installed on the private CLOUD of the manufacturer
- It supports small manufacturers with no production digitalization yet to step into an INDUSTRY4.0 evolution program
- It helps SMEs to better plan, progress, monitor and control their production work phases
- Multilingual Web App for any manufacturing company, available via browser on any PC and mobile devices, from tablets to industrial handsets

The market

Process manufacturing

- Food and beverage
- Pharma and cosmetics
- Packaging
- Thermal treatments

Discrete manufacturing

- Metal, glass, stone, wood, rubber, plastic composite materials, sheet metal processing
- Plastic molding



Our market strategy

- SMBs target market focus
- Indirect business model only
- EU and China first
- Specific support to Italian SMBs to get access to tax credit offered in the current Italian TRANSITION 4.0 Plan to encourage investments in new production assets for the manufacturing industry.



Our indirect business model

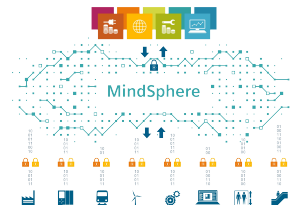
We expand through an international network of partners

- Machine builders
- Automation and maintenance services providers
- System integrators
- Independent Software vendors
- Consultants in manufacturing



Our last achievements

- A trademark from EPoSS (European Platform on Smart Systems Integration) granted
- Partner in the UMATI platform from VDW
- Retuner's MiniMES^{4.0} is integrated into the Siemens MindSphere IoT Platform
- SMARTEdge^{4.0} is part of the Digital Showcase of the 5E project, a digital platform aimed at increasing the visibility of European electronic products



Next exhibitions



MILANO

4-9 october 2021



BOLOGNA

23-25 november 2021



MILANO

25-26 november 2021

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Thank you