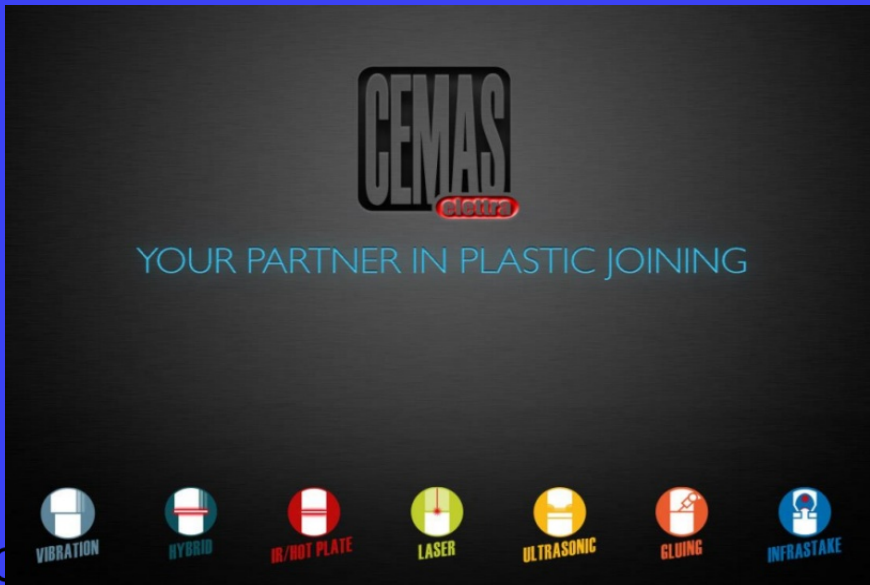
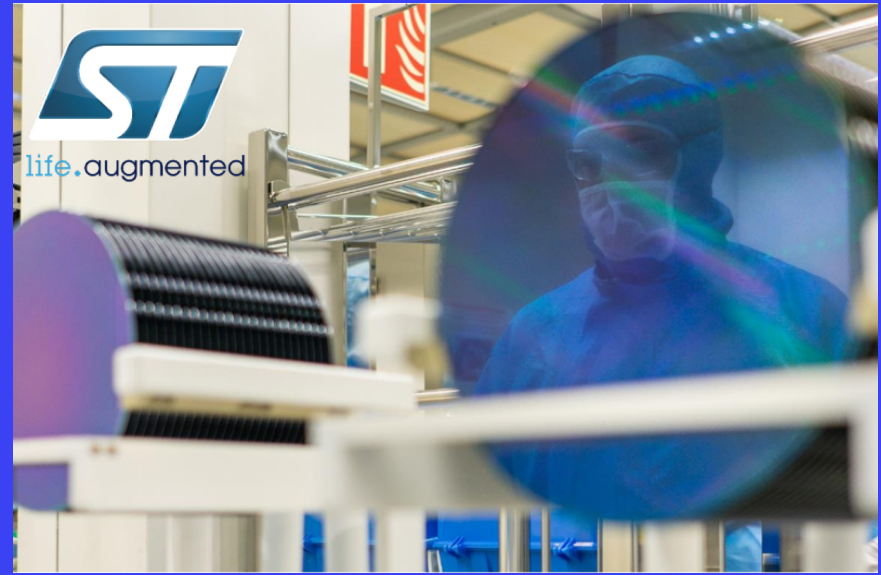


Il Competence Center CIM4.0 incontra le PMI e le startup

Torino, 27 giugno 2019

Eleonora Marino, Prima Industrie SpA

Filiera HW tech. Providers: Aziende



Filiera HW tech. Providers : Competenze

Product and Services

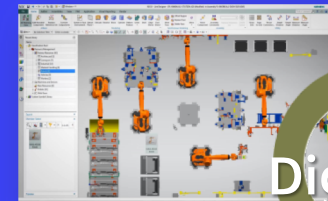
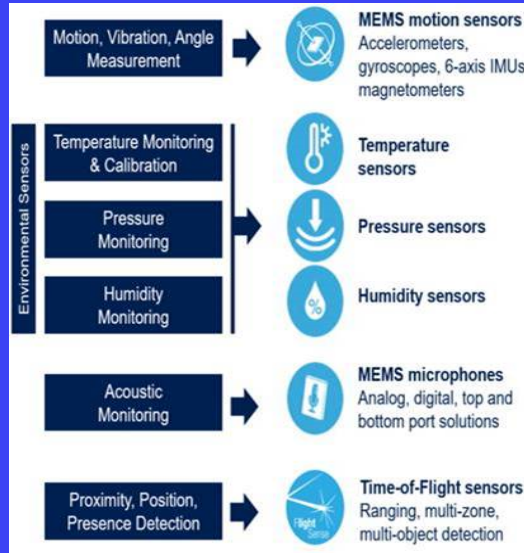
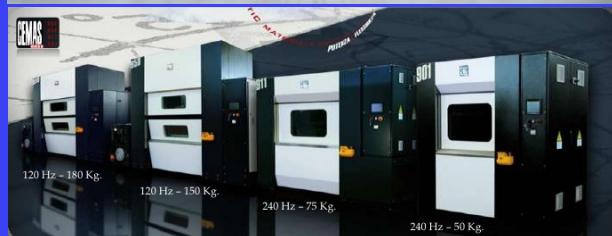
*ADV Manufacturing systems
Laser based processes
Laser sources
Numerical Control
Industry 4.0
Automation
Services and Remote Assistance*

Sensors and applications specific I.C.

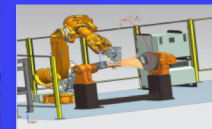
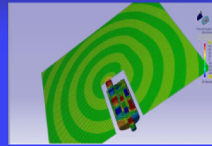
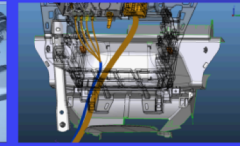
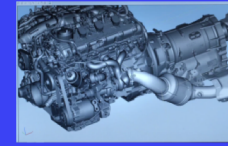
*Broad range
Semiconductors for
Industrial applications
Automation, motion
control, power and energy
management*

Platform and Digital solutions

*Digital factory
Industrial services
Digital optimization*



Digital Industry



Filiera HW tech. Providers : Technologie



- ✓ Flexible and sustainable laser-based tools
- ✓ Photonics
- ✓ Laser based modula equipment
- ✓ Additive Manufacturing machine and processes for metal parts
- ✓ Adaptive control
- ✓ Trained CAM
- ✓ New materials to be processed



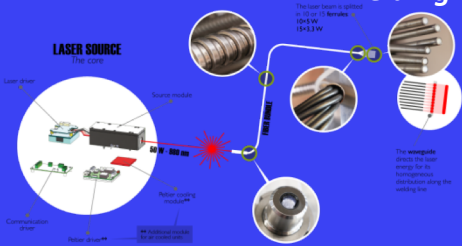
- ✓ Motion control
- ✓ Conditioning
- ✓ Industrial connectivity
- ✓ Predictive maintenance
- ✓ 5G connection

Industrial MPU New multi-core STM32MP1 Series for Industrial and IoT applications	Galvanic Isolated Galvanically isolated 4.5 gate drivers enhances safety, simplifies design	Factory Automation Single high-side switch for safety designs over IGBT and MOSFET inverter systems	Power Supplies Wide load-regulation capability, managed and better 3.3V power supplies
Industrial Safety New safety-designs, packsize for STM32 MCUs	Condition Monitoring High-resolution I2S-DAC converters for advanced industrial sensing	Logistics Tracking Down-to-Earth module (SBS) solution for industrial and IoT	3D Printing High-speed STM32H7 based for faster & smoother 3D printing
Smart Meters STM32L138 Certified and flexible secure solution	Robotics Industrial Magnetometer Reliable positioning and ranging	Building Automation Top I2C transceivers for smart building automation	Medical Robots Versatile motor drivers for industrial & medical applications



- ✓ Simultaneous laser welding system for thermoplastics
- ✓ Modular architecture
- ✓ Non-contact, full electric, clean welding

YOUR PARTNER IN PLASTIC JOINING



+ CIM 4.0



- ✓ Core automation
- ✓ Digital twin and simulation
- ✓ Data analytics and cloud
- ✓ Cyber security

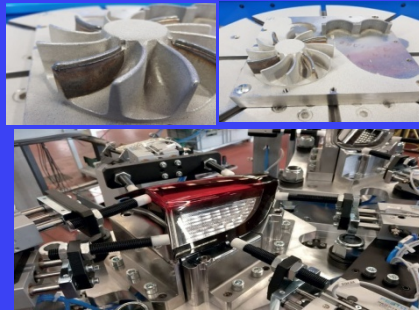
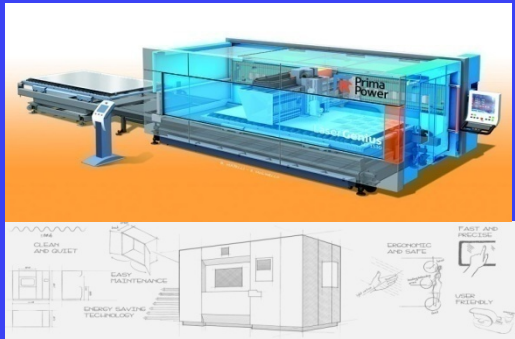
Filiera HW tech. Providers : applicazioni

Development ⇒

Production ⇒

Services

Filiera



Applicazioni

High performances systems

Remote assistance (AR, VR, voice assistant)

Dashboard analysis

Predictive maintenance

Advanced Machine Interaction

Sustainability and efficient use of resources

Zero defect manufacturing

Virtual Prototyping

Circular economy approach (re-design, re-use, recicle)

+ CIM 4.0

Filiera HW tech. Providers :

opportunità per PMI e start Up

- ✓ Maturazione tecnologica
- ✓ Sviluppo Skills e training

- Agevolazione nella conoscenza dei prodotti per una adozione profittevole delle tecnologie
- Conoscenza di Use case reali che integrano le ultime tecnologie disponibili
- Coinvolgimento ad Eventi e Applicazioni per diffondere la conoscenza di processi avanzati e prodotti di ultima generazione
- Dimostrazione di tecnologie integrate in filiera e accesso a soluzioni avanzate per arricchimento di competenze e training

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