Clever Time

Modelway srl
Virtual Sensing based on Artificial Intelligence

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per una crescita intelligente,
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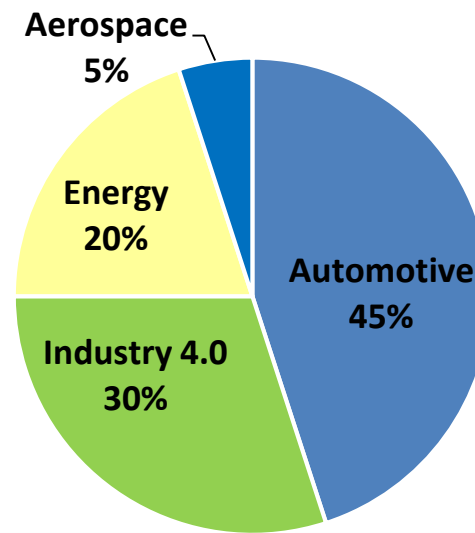INIZIATIVA CO-FINANZIATA CON FESR

Who we are

Engineering Company who Support the Digital Transformation

exploiting the data to improve information on-board the systems

Who we are

- Founded as spin-off of Politecnico di Torino
- Experienced in industrial innovation based on Artificial Intelligence
- Specialized in developing innovative "Virtual Sensors" directly from data

DVS® - Direct Virtual Sensor

- Breakthrough Technology in the Sensor Market
- Reliable solutions for enhancing Control, Diagnostic and Maintenance
- Actual cost reduction and performance improvements

Aerospace 5%
Energy 20%
Automotive 45%
Industry 4.0 30%

MODELWAY INTELLIGENCE TECHNOLOGY

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Improve the tradeoff between energy savings and user satisfaction

DVS® allow the estimate of critical environmental information from the building data

Indoor Comfort Estimate

Energy Consumption Prediction

Temperature Estimation

Environmental Sensor Reduction

Emission Estimation

What we do – Factory 4.0

Enhance the performances of process/machine monitoring systems

DVS® estimates Key Performance Indexes by the process Real-Time data

Thermal Deformation

Operator State of Health

In-Line Quality control

Digital Twins

Predictive Maintenance

SMART FACTORY
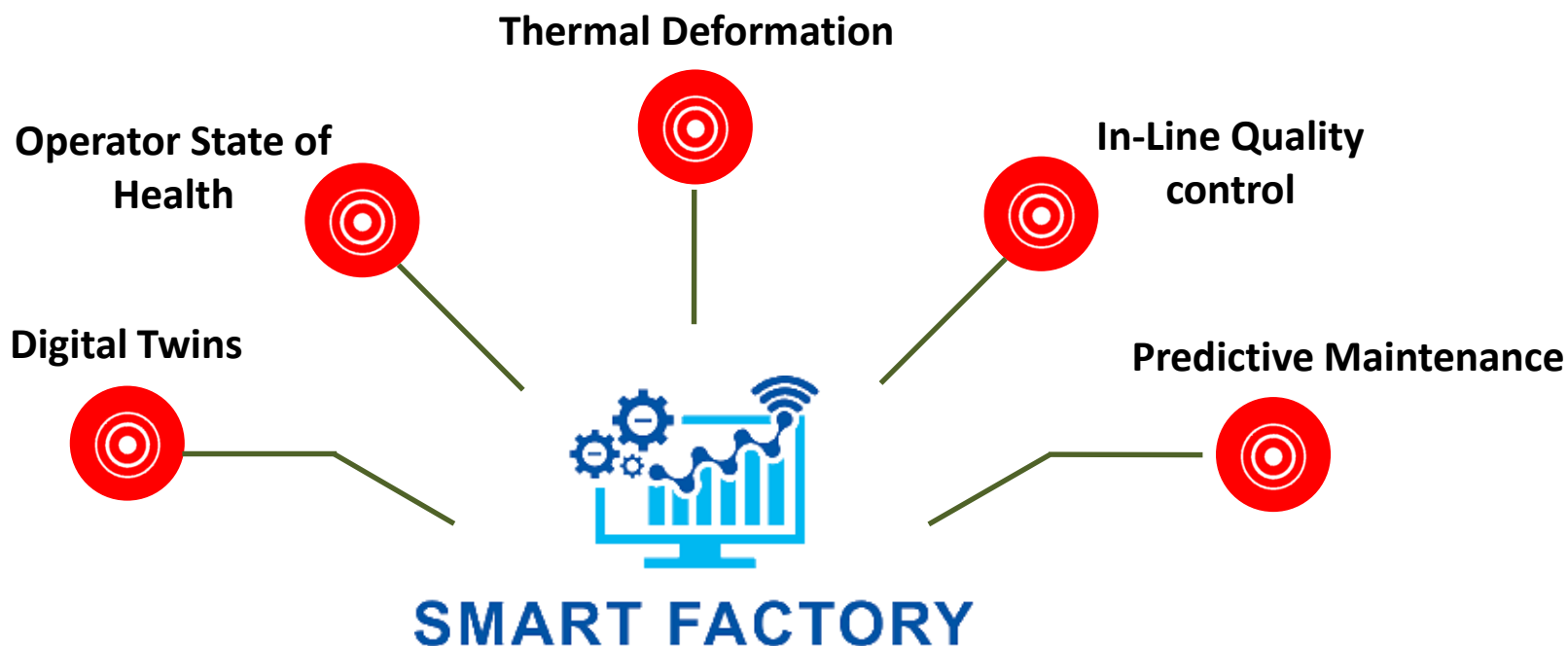
What we do – Automotive

Improvement of the information availability on-board the vehicle

Several applications are using DVS® to estimate critical variable by BCM data

OBD for autonomous driving

Powertrain optimization

Vehicle Dynamic improvement

Fleet Pred. Maintenance

Emission Estimate
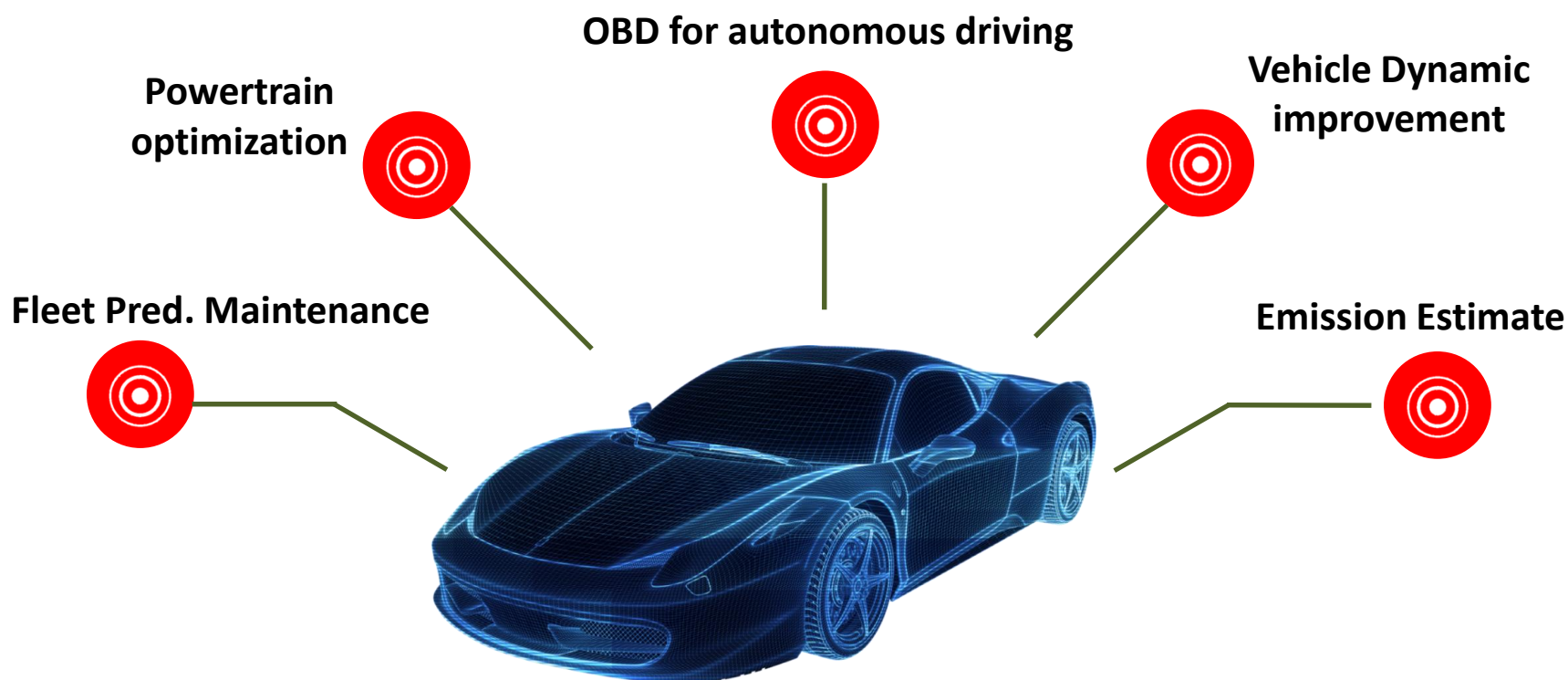
What are we looking for

INDUSTRIAL PARTNESHIP

- **Improve market network** and solutions
- **To penetrate the market with IoT products** in:
    - On Board Diagnostic / Predictive Maintenance
    - Availability of process/system KPI

COFOUNDED R&D PROJECTS

- **Innovative IoT platforms** to estimate process and system KPI
- **Improve the human operator state of health** and comfort

Contacts
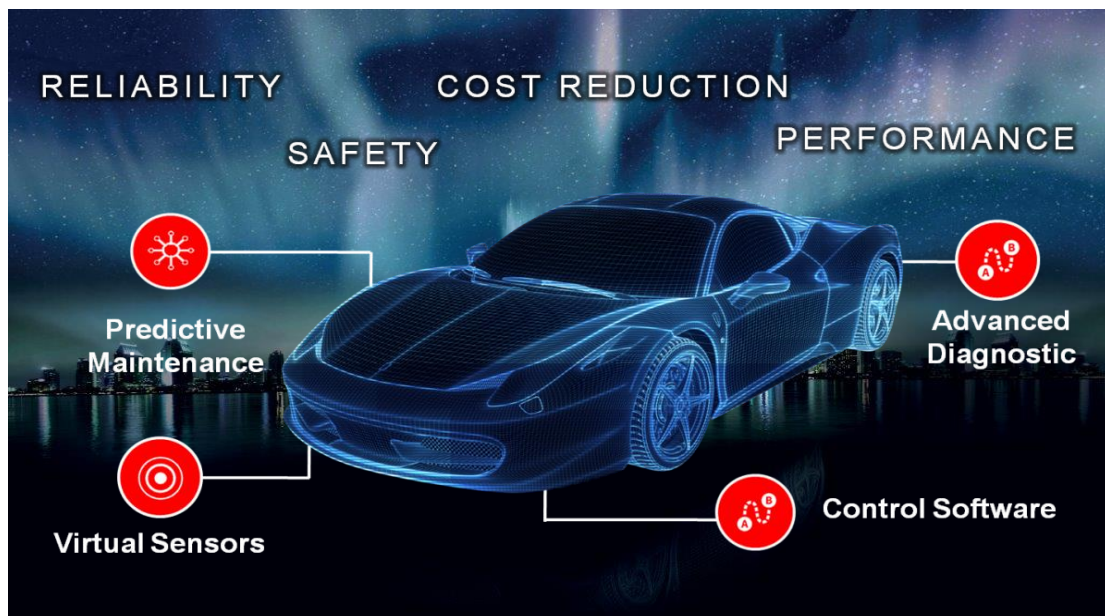
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