Modelway

MODELWAY INTELLIGENCE TECHNOLOGY

> More about Modelway

MODELWAY is a software engineering company focused in design and development of tailored services for modeling, prediction and automatic control of complex systems. Our solutions based on a resident know how and focused to solve complex and time long industrial issues.

The company developed three proprietary technologies in order to apply a systematic approach to complex systems. Starting from experimental measurements, these technologies allow to design: mathematical models (NOSEM, NOn linear SEt-membership Modeling), virtual sensors (DVS, Direct Virtual Sensors) and automatic controls (STC, Self-Tuning Control).

The solution developed by MODELWAY are currently on the market and industrialized on cutting-edge applications in the automotive, aerospace, energy&environment and mechatronics sectors. Important results have been achieved in Multi Air actuator control and virtual sensors for Sideslip Angle estimation. Other innovative solutions developed in the automotive sector are: Vehicle Dynamics, Semi-active suspensions modeling and control, System for vehicle dynamic control (VDC) Safety, Advanced Driver Assistance System (ADAS), Break by wire control, Electric power steering control Powertrain, Methane engine modeling and rpm control, Combustion air system control, Fuel composition estimate.

MODELWAY mainly operates in the automotive, aerospace and cleantech fields.

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