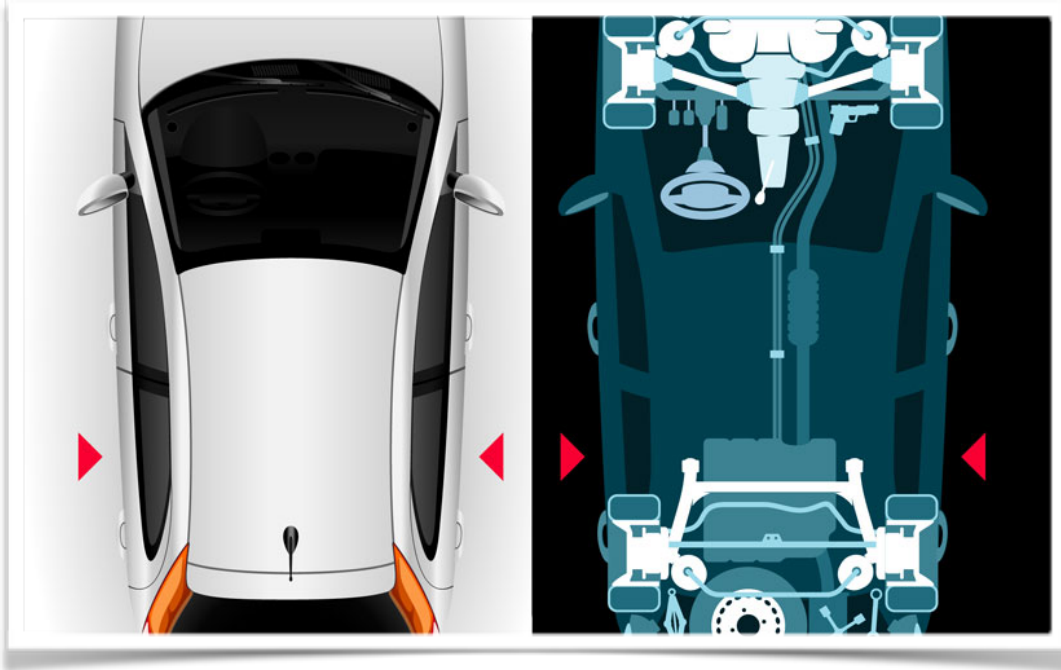


# Rapid Prototyping

Simulate ECU, Prototype Engines, Hardware-In-Loop HIL



## Prototype safely, cheaply, quickly

Innovation has never been simpler and faster

IoType™ provides the combination of executing the embedded software on the actual ECU hardware in combination with a model of the physical system. Prior to this, at the HIL stage, we offer complete 'Virtual HIL and Rapid Prototyping' systems through our modular IoType™ series. These are modular and reconfigurable systems that could be tuned, tweaked and optimised, until the best conditions and control algorithms are fully established. Implementation of IoType™ saves time and reduces costs and helps our client complete development of ECU in a seamless manner.

1

### HIL

Hardware in the loop is a wiser choice

2

### RAPID PROTOTYPING

From engines, ECU to PID control loops, user fast deterministic systems to create.

3

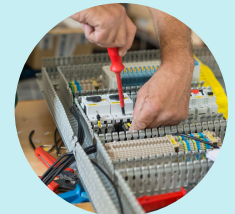
### CONVENIENCE

Achieve result many times faster and easier.



### Consultation

We are trusted to bring inventive solutions to complex technical challenges



### System Integration

Our solutions range from hand-held systems to full turnkey solutions.



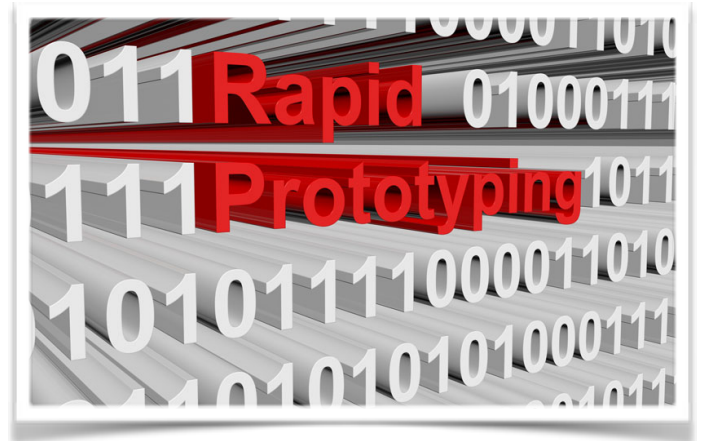
### Support

Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

## Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions..

- Automotive control systems developers focusing on powertrain, HEV/EV and chassis/safety applications have an increasing need to accelerate and improve their development process as to ensure they can deliver high quality and reliable software on time. To identify opportunity for improvement in the development process, we at IoTeach Ltd are accelerating the growth and production for our client by designing Model-Based Design using our IoType™ systems
- We take our clients through four types of ‘in-the-loop’ technologies that are now widely being used in automotive industry.
- Model-in-the-loop MIL
- Software-in-the-loop SIL
- Processor-in-the-loop PIL
- Hardware-in-the-loop HIL



## Order Procedure

You are entitled to receive full design and engineering consultation service using our Consultation Package. Proceed and click Add to Cart to make swift payment online. We would follow up with Requirement Questionnaire that we send to email address registered with us. We review your submitted response and then call you or email back with full design architecture including all components-hardware and software. We would also submit estimated quotation for Rapid Prototyping Systems to meet your objectives. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

### FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

Call us : +44(0)1223 967235

Email us: [office@ioteach.co.uk](mailto:office@ioteach.co.uk)

