

Intelligent Motion Control Platform for Smart Mechatronic Systems

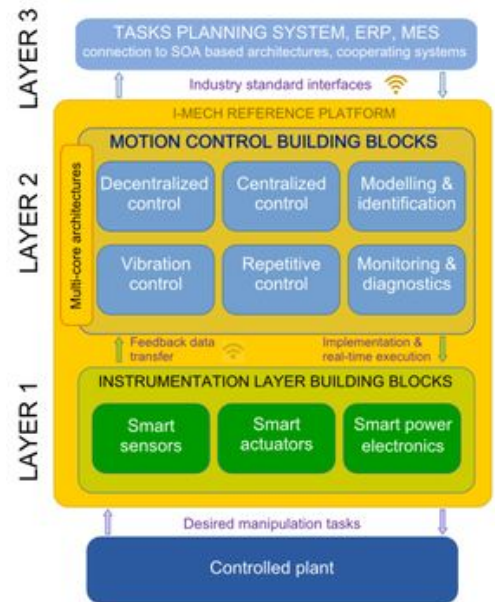


Aim

I-MECH aims at bridging the gap between the latest research results and best industrial practice in intelligent motion control for smart mechatronic systems.

Platform

The I-MECH strategic research agenda is focused on the lower layers of the motion control system – we refer to these as layer 1, the instrumentation layer, and layer 2, the control layer. Enhancements to these layers will deliver significant performance improvements to layer 3 (System behavior and the management systems) which, together, enable cyber-physical systems way beyond the current state of the art.



Pilots

Five pilots will be used to demonstrate I-MECH functionality on machinery developed by I-MECH consortium partners.



Use cases

Five use cases will serve to demonstrate I-MECH functionality.

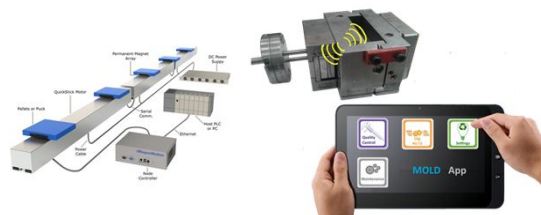


Key facts

- Start:** 1-6-2017
- Duration:** 36 months
- Total investment:** € 17M
- Participating organizations:** 31
- Number of countries:** 10
- Project Coordinator:** Arend-Jan Beltman
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Demonstrators

Two demonstrators will be used to show functionality of the I-MECH platform



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