

## Smart Systems Integrated® products

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**elaphe**

Propulsion Technologies

**Multiple-motor EV  
Propulsion Control Unit**

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In-depth support for innovation and exploitation in Smart Systems Integration

# What's different in your product?

## Turn your smartness inside out

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### Product Name

Elaphe™ PCU - Propulsion Control Unit

### Product description

PCU enables unique actuation and sensing capabilities by independent torque control of each wheel in an in-wheel drive electric vehicle.

Torque distribution adapts to different situations: it predicts slip and prevents loss of control in low grip conditions; in high grip conditions, PCU maximizes energy efficiency; and during cornering, it improves dynamics.

Additional "smartness" comes from integrated V2X technology that opens new opportunities in terms of safety, efficiency and B2B models.

### Product Owner

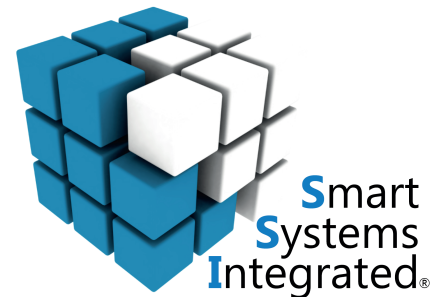
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The Coordination and Support Action inSSight has received funding from the European Community's programme Horizon 2020 under GA number: 731665

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