

Smart Systems Integrated® licensed product



elaphe

Propulsion Technologies

Propulsion Control Unit



EPoSS

European Technology Platform
on Smart Systems Integration



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What's different in your product?

Turn your smartness inside out

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

Elaphe Propulsion Technologies Ltd.

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