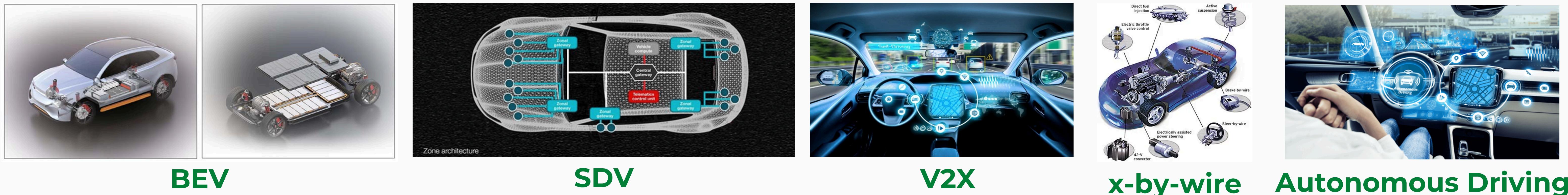


An Ecosystem Approach to Drive RISC-V Adoption in Automotive Designs

Samuel Chiang
Andes Technology

Automotive Vehicle Revolution => new solutions needed

Andes RISC-V IP & Ecosystem partners work together to provide the solutions



BEV

SDV

V2X

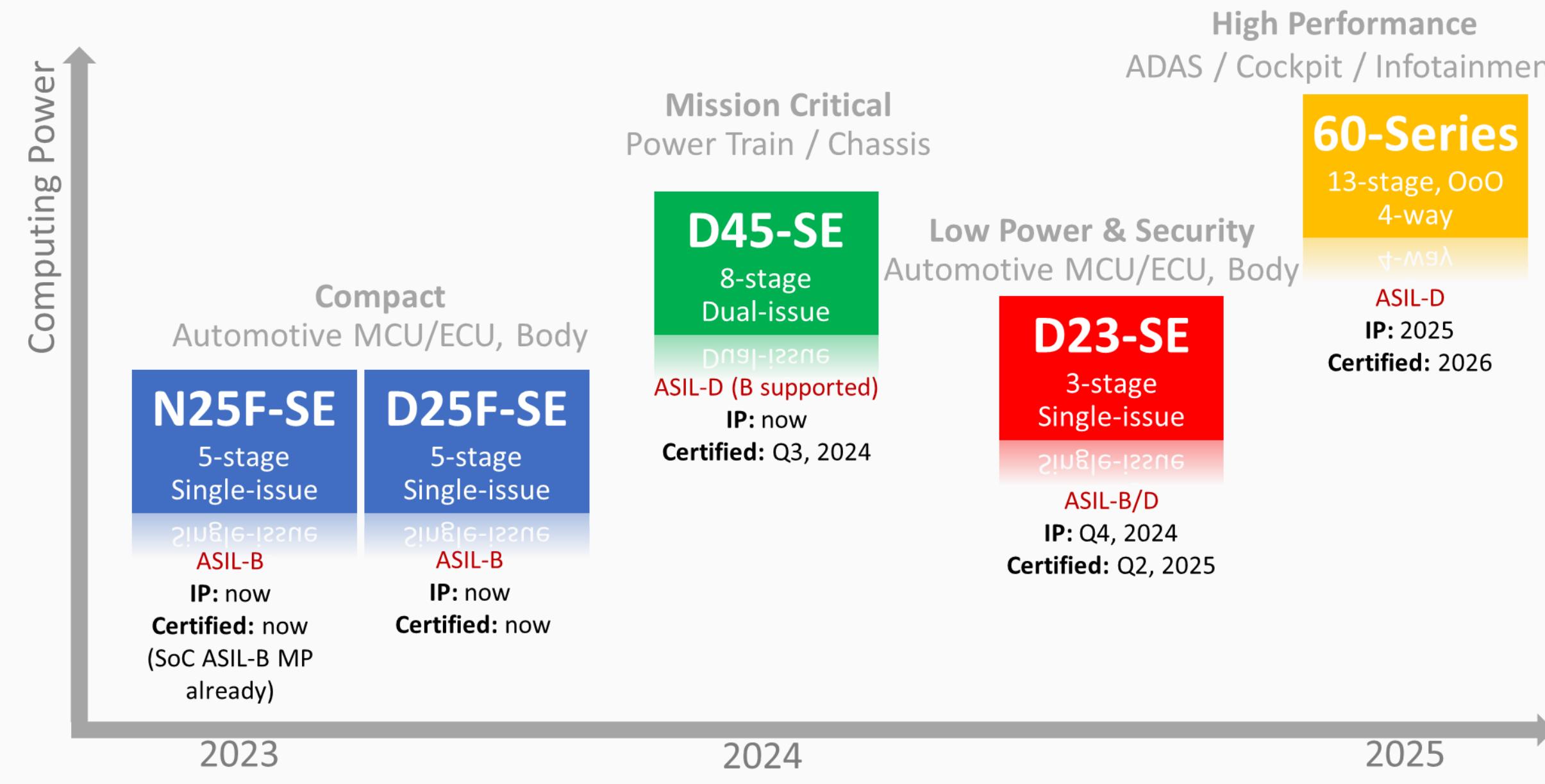
x-by-wire

Autonomous Driving

AndesCore™ RISC-V

Functional Safety Cores Line-up

Silicon proven design with wide performance points, safety assurance levels, advanced roadmap

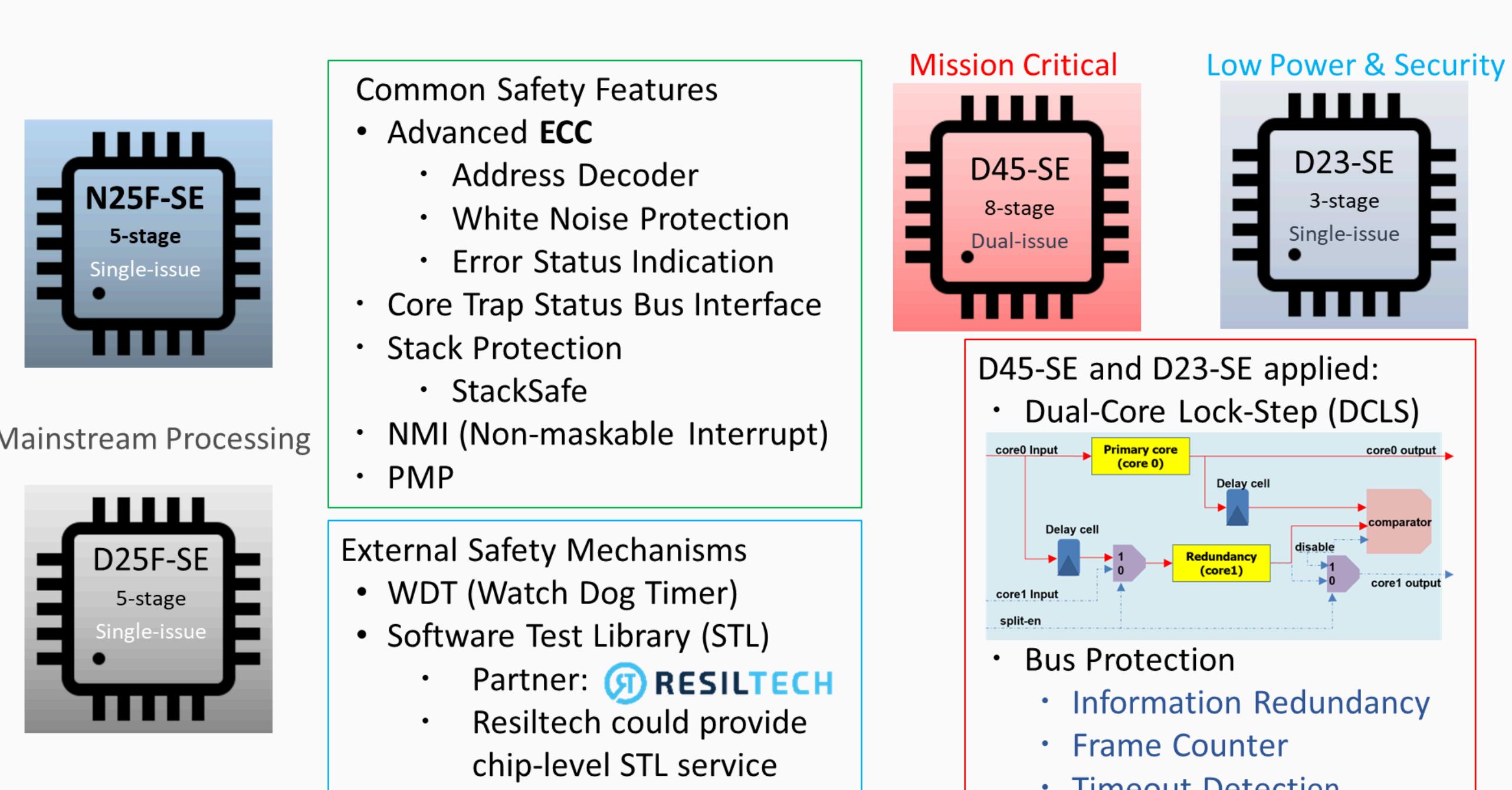


Andes & Partners are driving automotive chip innovations

- N/D25F-SE achieved ISO-26262 ASIL-B full compliance
- Over a dozen customers' automotive projects based on 25-SE series
- ILITEK (Touch Display Driver IC) and MetaSilicon (CMOS sensor IC) have public PR

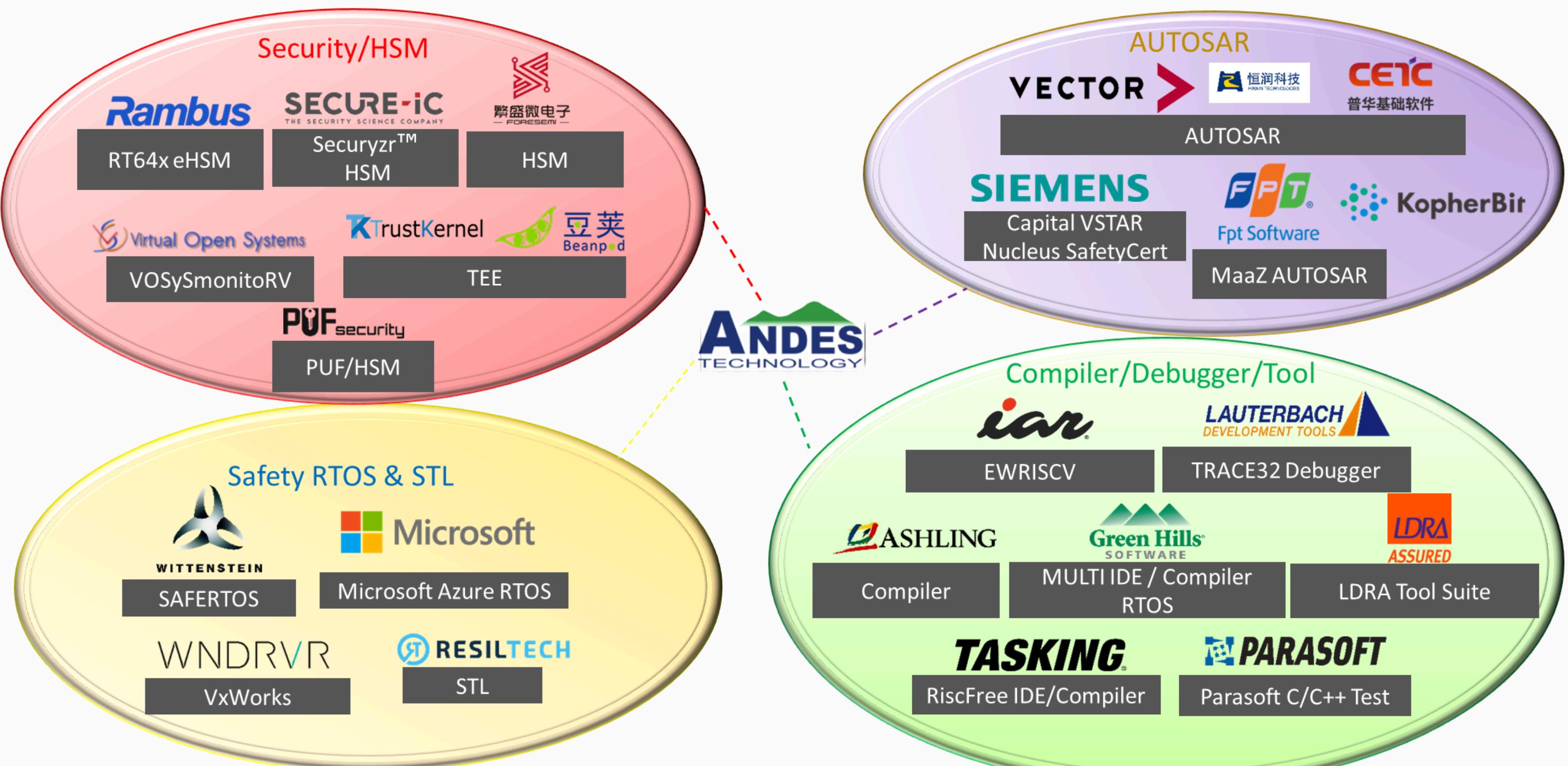


Safety Mechanisms Implemented in Andes FUSA Cores

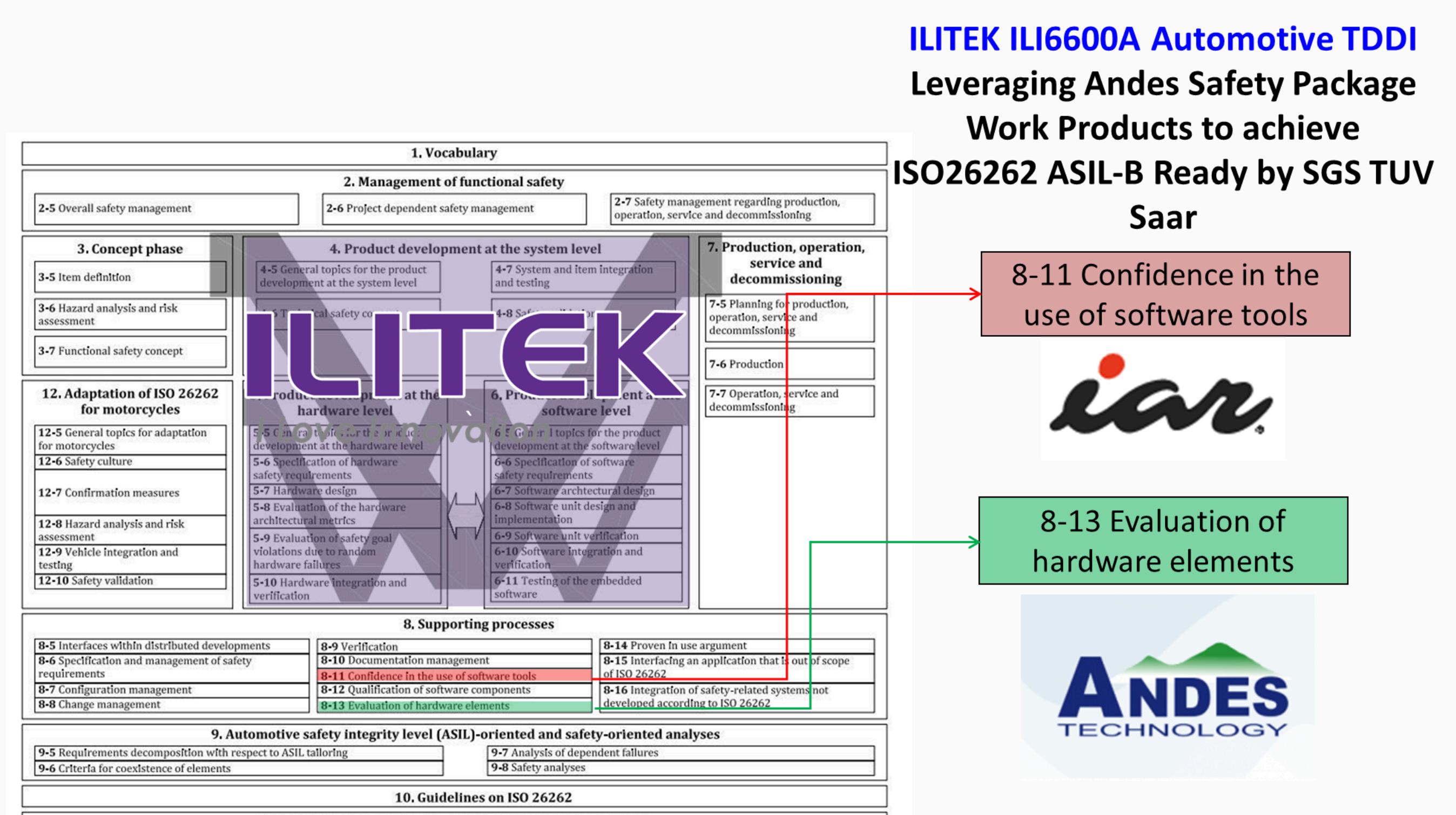


Andes Automotive Ecosystem Partners

PR with Tasking, WHIS, Vector, HiRain, MachineWare, Ansys, LDRA, IAR, Solid Sands, & Parasoft for automotive collaborations



Andes + IAR + ILITEK



Complete RISC-V automotive solutions with proven AndesCore™ IP

