SOFTWARE DEVELOPMENT KIT

TATA ELXSI

SDK DEVELOPMENT AND MAINTENANCE - REDUCE TOTAL COST OF OWNERSHIP

Comprehensive and qualified platform (Silicon + Software) development in constrained MCU environment, and production release
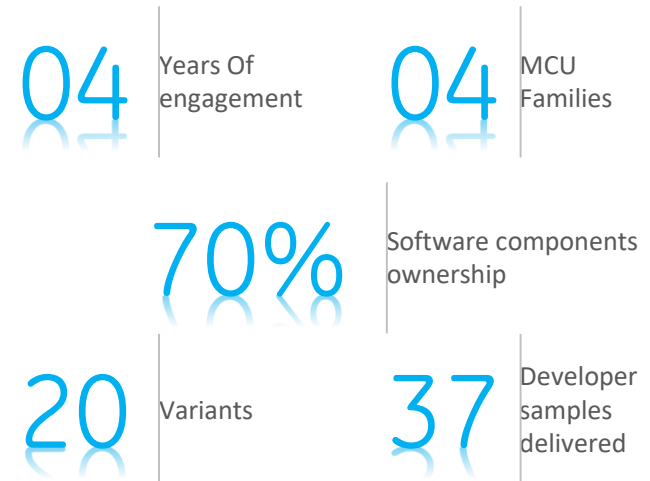
Scope

- Complete development and maintenance of SDK for 20 variants of MCU
- Qualify the SDK for market release
- Deliver developer samples

Challenges

- Managing SDK delivery on 20 different variants across 4 MCU families
- Performance improvement of connectivity module
- Functional Safety Compliance and Embedded Security
- Design conceptualization and delivery for end customers specific requirements
- Product quality Metrics generation

Tools & Framework

- E2studio, GCC, Doxygen
- LDRA test tool
- Teraterm, Tracex

SDK

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04 Years Of engagement

04 MCU Families

70% Software components ownership

20 Variants

37 Developer samples delivered

Market	Business Benefit	Delivery model	What's Next
IoT – Healthcare, Industrial, Smart home, CE	Reduce the overall TCO (Total cost of ownership)	ODC	Next Generation Platform development