

SYMBITECT

ARCHITECTING EMBEDDED COMPLEXITY

ISO26262 COMPLIANT SW ARCHITECTURE FOR CAR CHARGER GATEWAY ECU

CLIENT: PVI

INDUSTRY: **AUTOMOTIVE**

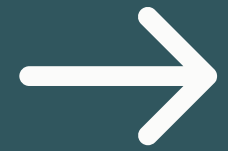
SIZE: **CORPORATE**

HQ: **FRANCE**

OEM: **RENAULT**

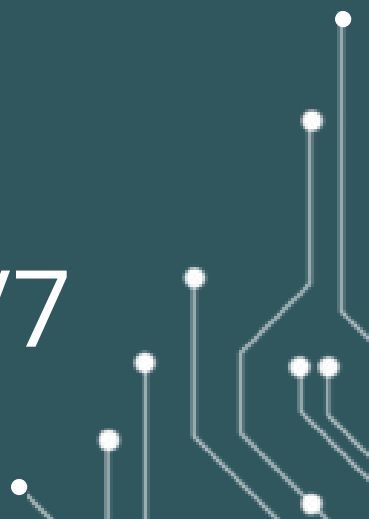
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CHALLENGE

COMPETENT RESOURCE SHORTAGE
INABILITY TO ENSURE
SOFTWARE COMPLIANCE WITH
ASPICE AND ISO 26262





SOLUTION

MODELLED AND IMPLEMENTED AN EMBEDDED SOFTWARE ARCHITECTURE META-MODEL AND IMPLEMENTATION MODEL, DEVELOPED USING SPARX ENTERPRISE ARCHITECT.

THESE MODELS ENSURE TRACEABILITY TO CUSTOMER AND SYSTEM REQUIREMENTS, DETAILING THE SOFTWARE'S STATIC, DYNAMIC, AND DEPLOYMENT ASPECTS IN COMPLIANCE WITH ASIL D STANDARDS.





PROJECT TEAM

SENIOR LINUX ARCHITECT
SENIOR EMBEDDED ARCHITECT

PROJECT LENGTH

6 MONTHS





TECHNOLOGIES

EMBEDDED C
OSEK

TOOLS

ENTERPRISE ARCHITECT,
VISUAL STUDIO, OSEK, POLARION





METHODOLOGIES

ASPICE
ISO 26262
EMBEDDED
AGILE
V-CYCLE



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ARCHITECTING

EMBEDDED

COMPLEXITY

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