

**SYMBITECT**

ARCHITECTING EMBEDDED COMPLEXITY

# CROSS-INDUSTRY ELECTRIFICATION: COST-EFFECTIVE & SAFE SYSTEM ARCHITECTURES FOR ECU

CLIENT: FEV

INDUSTRY: **AUTOMOTIVE**

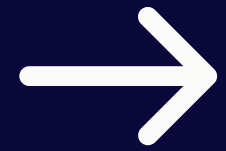
SIZE: **CORPORATE**

HQ: **GERMANY**

OEM: **UNDISCLOED**

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[www.symbitect.com](http://www.symbitect.com)



# CHALLENGE

LACK OF RESOURCES  
TIME LIMITATIONS IN ORDER TO  
FINISH THE PROJECT WITHIN  
DEADLINE





# SOLUTION

FUNCTIONAL ARCHITECTURE  
TRANSFORMATION INTO HIGH-LEVEL  
SYSTEM AND SOFTWARE  
ARCHITECTURE, EMPHASIZING  
REUSABILITY, SCALABILITY,  
SAFETY, AND SECURITY





# PROJECT TEAM

SENIOR AUTOSAR ARCHITECT  
SENIOR SYSTEM ENGINEER

# PROJECT LENGTH

6 MONTHS





# TECHNOLOGIES

AUTOSAR ADAPTIVE

QNX

HYPERVERSOR

# TOOLS

ENTERPRISE ARCHITECT

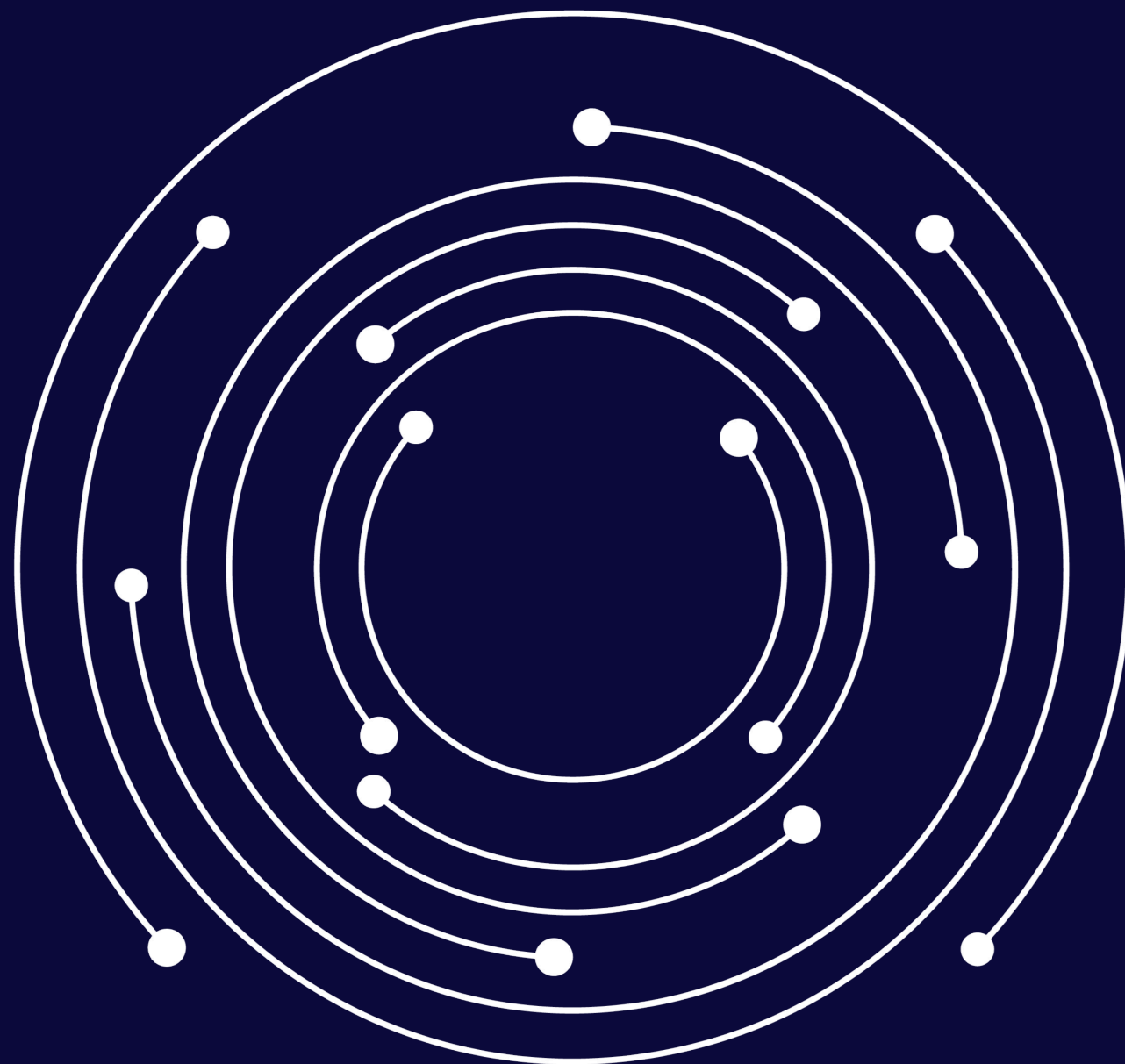
VISUAL STUDIO





# METHODOLOGIES

AUTOSAR  
ASPICE,  
ISO 26262  
ISO 21434  
AGILE  
SOFTWARE  
DEVELOPMENT



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