



Visteon®

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Requisition Number: 13414

Post date: June 16, 2017

Title: System/Software Architect

City: Karlsruhe

State: Baden-Wuerttemberg

Country: Germany

Description: System/Software Architect – Karlsruhe, Baden-Wuerttemberg, Germany

About Visteon

Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. Visteon is a leading provider of instrument clusters, head-up displays, information displays, infotainment, audio systems, telematics and SmartCore™ cockpit domain controllers. Visteon also supplies embedded multimedia and smartphone connectivity software solutions to the global automotive industry. Headquartered in Van Buren Township, Michigan, Visteon has approximately 10,000 employees at more than 40 facilities in 19 countries. Visteon had sales of \$3.16 billion in 2016. Learn more at www.visteon.com.

Visteon is an equal opportunity employer committed to a culturally diverse workforce.

Our Vision

A top-three cockpit electronics player delivering a rich, connected cockpit experience for every car from luxury to entry

SYSTEM / SOFTWARE ARCHITECT – KARLSRUHE, GERMANY

Typical Duties

- Overall project responsibility for software architecture for in-vehicle infotainment product
- Definition, description and maintenance of software architecture for automotive products
- Documentation of software architecture regarding specified processes and definition of design guidelines
- Problem solving and deep technical expertise to overcome product roadblocks
- Analysis of requirements and their implementation within software architecture
- Ensure selected architecture fulfills requirements functionality, performance, quality and timing
- Cooperation with distributed software implementation team

- Support development of system architecture, familiarity with automotive domain protocols and networks
- Evaluation of new software technologies and strategies
- Refine and fill out the existing reference architecture. Adapt this architecture as needed to include requirements introduced by new technology
- Help to define and prioritize development activities within the development team and interface to product design teams and customers
- Participation and leading software part of engineering quotes

Requirements

- Master's degree in the study of electrical engineering, computer science or equivalent qualification
- At least 10 years' experience in the automotive industry in the field of software development internally and with the customer
- Experience with Agile Development is considered an advantage
- Working in distributed team environment
- Appropriate work experience in the field of embedded software
- Good German and English skills
- Experience with model driven development methods and wide experience with different modelling technologies (Rhapsody, Enterprise Architect or other). UML is required.
- Ability to work independently, strong communication skills and a team player
- Familiarity with real time operating systems like QNX, Integrity, Linux, Android and Autosar
- Excellent knowledge of embedded and real-time software requirements and structure
- Responsibility of overall product software architecture for automotive products
- Deep knowledge in software development (C/C++)

Apply for this Position

If you are interested in applying for this position, send your resume to nmckee@visteon.com, and include the requisition number in the subject of your email.