



Visteon®

Shift your career into high gear

Requisition Number: 13139

Post Date: 11/4/17

Title: Software Architect

City: Karlsruhe

Country: Germany

Description: Software Architect – Karlsruhe, 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

SOFTWARE ARCHITECT – KARLSRUHE, GERMANY

Primary Responsibilities

The Domain Controller Center of Competence (CoC) at Visteon develops state-of-the-art platform solutions for cockpit electronics. The CoC serves as a system provider for different application domains for various vehicle ECUs. Visteon's SmartCore™ cockpit domain controllers is a security-focused approach to cockpit module consolidation that addresses the increasing complexity of cockpit electronics to improve the driving experience. SmartCore™ meets the needs of all vehicle segments through a scalable and flexible framework. Located in Karlsruhe, Germany, we are looking for Software architect who will develop and further enhance the software architecture of SmartCore™. This position will require a high level of initiative, great attention to detail, the ability to learn quickly and to work with a global team and possession of excellent communication skills.

Typical Duties

- Coordinate global programs (60%)

- Act as manufacturing representative at engineering center, responsible for consolidation of information flow between product development and manufacturing locations (consolidate manufacturing requests for product development team)
- Early involvement in product design, to ensure efficient manufacturability of products
- Warrant that industrial solutions developed in different locations are compliant with technology guidelines and customer specifications
- Link between manufacturing technologies team and product development for new process introduction and guidelines application/respect in new products development
- Participate in design for manufacturing and assembly workshops and PFMEA
- Participate in prototype builds (A-samples/ED, B-samples/DV, C-samples/PV) and feedback to engineering
- Support manufacturing quote activities (20%)
- Participate in build events for critical/advanced development programs and feed-back to product development team
- Attend program meetings held by project managers upon request (technical issue, critical program, etc.)

Requirements

- Master's degree in the study of electrical engineering, computer science or equivalent
- At least 10 years of development experience in the automotive/embedded industry
- Eight or more years of C/C++ development experience
- Five or more years of operating system development experience with real-time operating system (AUTOSAR/Integrity/QTX, etc.)
- Five or more years of software architecture and design experience
- Practical experience with device driver development
- Detail knowledge of connectivity, media and graphics stacks
- Experience with ARM architecture and ARM real-time core based SoCs
- Experience with schematics
- Experience with profiling and monitoring tools
- Experience with Agile Development is an advantage
- Experience working in distributed team environment across multiple countries is an advantage
- Fluent in English and German

Apply for this Position

If you are interested in applying for this position, send your resume to pross1@visteon.com, and include the requisition number in the subject of your email.