

# WHERE PASSION LEADS TO EXCELLENCE



Ref. no. 20180701

For our center in Belgrade, Serbia, we are looking for:

## Motion Architect

### Key Responsibilities / Duties:

- Continuously adapt and improve our embedded firmware architecture with focus on the Sercos Master function.
- Collaboration on the further development of Sercos standards and other trendsetting bus systems (TSN, OPC-UA).
- Design of firmware solutions (specification, coding, test, debugging).
- Develop prototypes to verify compliance of firmware architecture with key requirements.
- Contributing to the development of functions and components to ensure the required content, quality and performance.
- Support the local and international development teams in the different project phases (design, verification and validation).
- Observing technology trends and applying the latest technologies and knowledge transfer.

### Qualification Requirements:

- Study of computer science or engineer in the field of electrical engineering or automation technology
- Several years of professional experience in the development environment, ideally in industrial automation technology
- Expertise in the development of control-side Sercos functionality (Sercos Master, Sercos Controller-to-Controller, cascaded networks)
- Good knowledge of Ethernet based communication technologies like Ethernet / IP, EtherCAT, PROFINET, CANopen etc.
- Embedded design knowledge of ARM and x86 based platforms with hard real-time drive requirements (Motion)
- Experience in agile development methods according to Scrum
- Very good knowledge of the programming languages C, C ++
- Knowledge of embedded real-time operating systems such as VxWorks
- Experience with versioning tools like GIT, SVN
- Use of code analysis tools, such as Klockwork
- Experience in Motion Development for 5 years
- Very good knowledge of spoken and written English

### Benefits:

- Integration Program in a Professional, Young & Dynamic Team.
- Competitive Salaries & Benefits.
- Compensation package includes also Additional Health Insurance, Sport & Social activities.
- International Work Environment.

Apply by sending your **CV in ENGLISH** and reference no. listed above to [software.job@avisto-eastern.com](mailto:software.job@avisto-eastern.com).