Tobias Layer, Marketing and Sales Manager of Industrial Automation Business Unit:
"openSAFETY allows us to provide customers with interoperable solutions for functional safety in no time flat."

Support for openSAFETY development projects

embeX specializes in customized software and hardware solutions for complex safety-critical applications. With a range of services covering partial solutions to complete systems, embeX focuses entirely on the individual needs of customers - from the initial idea to its ultimate implementation as a series-produced product. As a partner, flexibility is one of the cornerstones of the company in each of these areas:

• Shortened time-critical developments
• New products that comply with standards and guidelines thanks to established processes
• A resulting product that is ready for series production
• Accredited testing laboratories and authorities to aid in the certification process
• Transition to series production and partnership throughout the entire product life cycle, including product support

For the functional safety of hardware and firmware

embeX covers the entire development process - from the initial idea to its ultimate implementation as a series-produced product. The customer’s production requirements take top priority during development, while a certified quality management system ensures that all phases run smoothly. The following are some of the advantages of partnering with embeX:

- Development of safety systems (SIL 2 - SIL 4 in accordance with IEC 61508, PL a - PL e in accordance with 13849)
- Development of highly complex industrial electronic products, including their use in explosive environments
- Development of medical products and components (EN ISO 13485)
- Development of flight safety systems (DO-178B and DO-254) and railway systems (EN 5012X)