

THIS ISSUE:

embeX



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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."

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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:



embeX is a development services provider for functionally safe hardware and firmware.
Image: embeX



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:

- 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

POWERLINK and openSAFETY Product & Services Overview:

Design support:

- 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)