

excellence in dependable automation

Functional Safety, Security, & Reliability

exida is a unique organization rich with Functional Safety and Cyber Security support, products, services, experience, expertise, and an unending quest to exceed customer expectations. Fully integrated with global Functional Safety and Cyber Security requirements and standards, exida delivers best-in-class products, services, and solutions to both automation hardware manufacturers and process market end users.

Established by several of the world's top safety, security, and reliability experts, the company is owned by these partners and independent of any vendor ownership. Using a combination of over 60 years experience in safety, security, and reliability of automation systems, exida has developed a series of proven sample documents, templates, techniques and procedures to assure quick and effective service.

Mission Statement:

- ◇ Understand the scope and general requirements of IEC61508.
- ◇ Understand how to apply the safety lifecycle at a project level.
- ◇ Understand the basic requirements for product development.
- ◇ Understand software language requirements, test requirements and documentation requirements.
- ◇ Understand the concepts of FMEDA and probabilistic hardware analysis.

Solution:

exida's solution, a focused & integrated service package, provides the complete Functional Safety and Cyber Security Supply chain. This capability focuses on the certification of automation hardware for manufacturers and provides life cycle support for process and manufacturing plant end users.

Responsiveness and objectivity are also excellent qualities for an outsourcing partner to provide. exida's staff, having worked for both automation manufacturers and process manufacturers, provides customers with an understanding of plant and market drivers and needs to optimize the process of achieving certified hardware and process functional safety and security.

Quality is built into our organization from the ground up. Embedded into our culture and orientation, we provide uncompromising levels of quality from sales support to final delivery.



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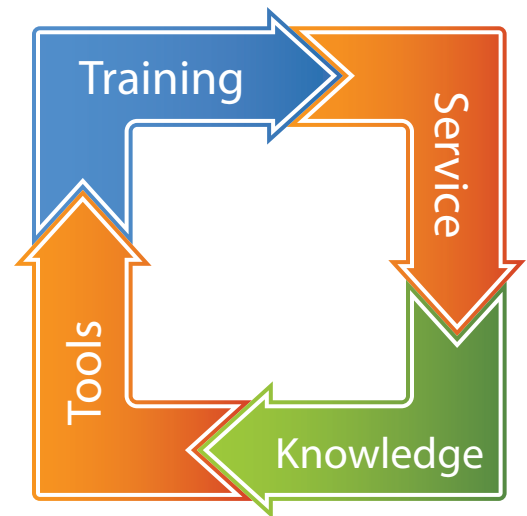


exida is excellence in dependable automation.

The key to our ability to deliver the cutting edge and influential knowledge is our staff of world class experts. The staff of exida have pioneered the tools and procedures used around the world for the design, maintenance, installation, and operation of safety instrumented systems. We have written the textbooks that are used for teaching automation reliability. We helped write the standards that the world uses for designing safe automation systems. We wrote the procedures that certification agencies use to verify the effectiveness of safety system hardware. We developed the procedures that industry uses to select automation that is both safe and cost effective. We give the lectures and symposia that train the industry's top professionals and present the latest developments. Nowhere else can you find the level of knowledge, expertise, and experience possessed by exida.

exida is able to provide a greater value than traditional consulting firms because of our sophisticated communication and delivery. In addition to traditional consulting, exida has leveraged the power of the internet to make knowledge transfer and sharing faster and more effective. Our internet virtual community contains resources and access to the world's leading authorities on safety and highly available automation. Our knowledge is also available in on-line expert system applications that are hosted at our web site, so you are not required to install and maintain them. exida ensures that the information is current, correct, and available.

We are independent, yet tightly integrated with safety instrumented systems vendors. We are financially independent and neutral so that we are able to provide an objective third party evaluation. We also act as partners in their design processes and in some cases act as partners in the delivery of safety life cycle services for complete turn-key solutions. This duality allows us to offer the best of both-worlds to the end user.



Automation Users

- Safety Function Identification
- Hazard/Risk Analysis
- Safety Integrity Level Selection / Tools
- Safety Integrity Level Verification / Tools
- Conceptual SIS Design
- Detailed SIS Design
- Pre-Startup Safety Review
- Operation & Maintenance Procedures
- Function Testing Market Analysis

Automation Vendors

- Market Analysis
- Requirements Tracking
- Product Certification
- Cyber Security Certification
- Industry Partner Program
- Brand Labeled Service

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