



Stephan Aschenbrenner
Senior Project Manager, exida.com

Fields of Competence

Functional Safety of (Programmable) Electronic Systems
Safety Applications of (Programmable) Electronic Systems

-Process Industry (furnaces)
-Machinery (light curtains, laser scanner, safety mats
radio remote control systems)

Qualitative and Quantitative failure analysis

Software Safety

Quality Management –ISO 9000

Experience Summary

Mr. Aschenbrenner has over seven years of experience and extensive knowledge in the safety and reliability field. After graduating from University, Mr. Aschenbrenner began working for Gustav Klein where he was responsible for software and hardware of programmable electronic systems. In 1995, he joined TUV Product Service GmbH where he became responsible for machinery safety devices. In 1998 Mr. Aschenbrenner joined TUV Product Service Inc. in the USA to set up a functional safety department for the Americas. During this time he became Business Unit Manager of “Automation, Software, and Electronics” at TUV Product Service. This position provided him with worldwide responsibility. In 2000 Mr. Aschenbrenner joined exida.com.

Credentials

Graduated from Technical University of Munich with a “Diplom Ingenieur Univ.”.

Professional Profile

Key Assignments and Projects

- Set up functional safety department of TUV Product Service in the USA.
- Promoted the concept of third-party safety verification in the USA
- Developed the CFSE scheme together with Bill Goble of exida.com

Teaching

Developed and taught courses for exida.com, in Europe.

Publications / Presentation

- “Mathematical methods for the analysis of electronic circuits using PSPICE”
Krawtschuk-Conference, Kiev 05/12/92-05/15/92
- “Software safety and Y2K compliance for embedded devices and networked systems” during Border Crossing II seminar of TÜV PRODUCT SERVICE; 11/10/98-11/19/98
- “Programmable Electronic Systems in Safety Related Applications for Elevators (Lifts)” at NAESA International 28th Annual Workshop in Vancouver, British Columbia, Canada; 08/11/99
- “Software requirements to a SIL 2 application according to IEC 61508” at ISA TECH 1999 in Philadelphia, PN 10/06/99
- “IEC 61508 and Management of Functional Safety” at ISA EXPO 2000 in New Orleans, LA; 08/22/00