

1E SAFETY SYSTEMS  
DISTRIBUTED CONTROL SYSTEMS



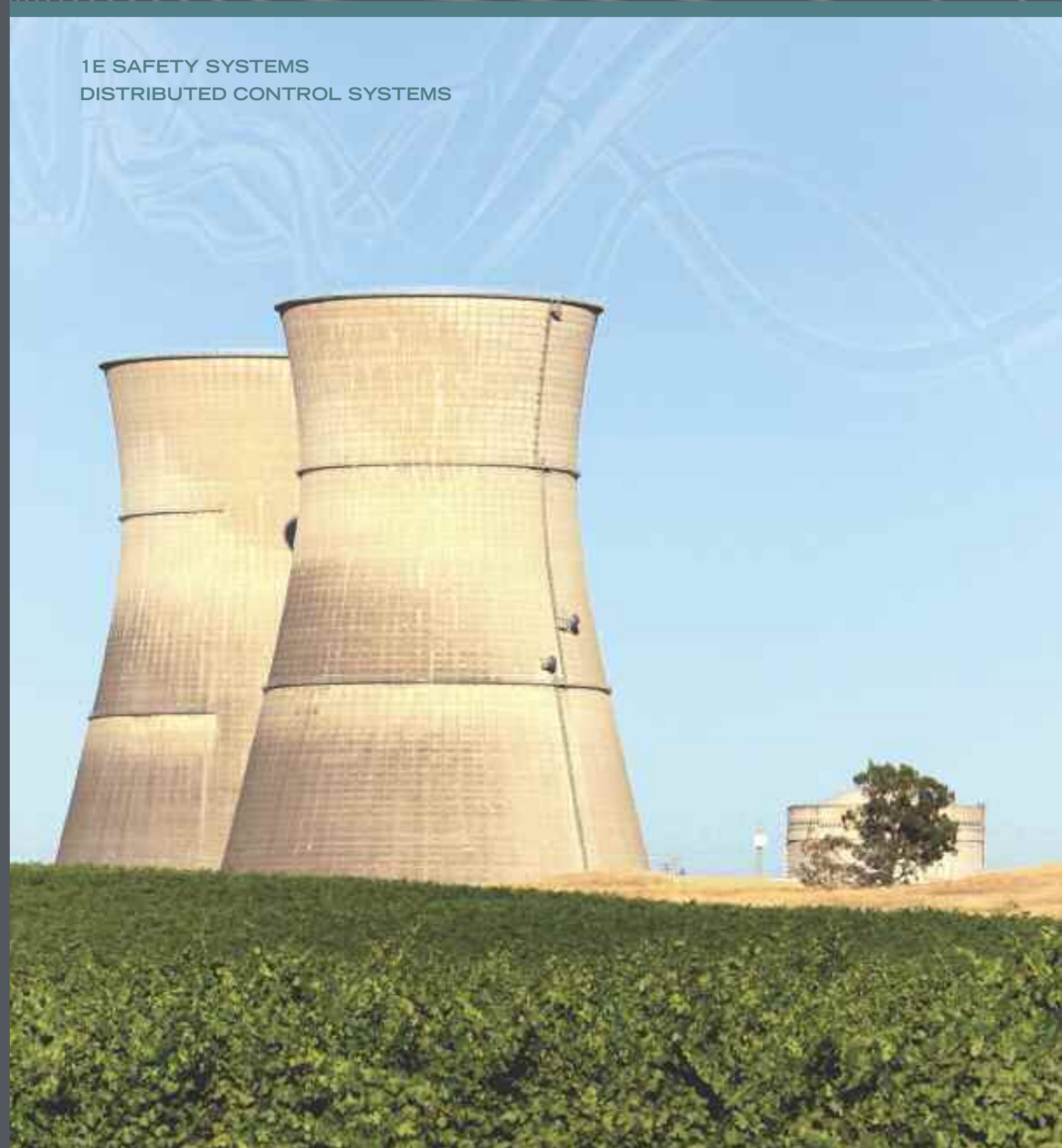
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**Invensys Nuclear offers systems and engineering capabilities that provide the nuclear industry with a cost-effective, low risk and full scope solution for life extension and Greenfield I&C applications.**

> **INVENSYS NUCLEAR**

Invensys Nuclear offers systems and engineering capabilities that provide the nuclear industry with a cost-effective, low risk and full scope solution for life extension and Greenfield I&C applications. Invensys Nuclear combines extensive nuclear plant operations experience; the only commercial off-the-shelf 1E certified safety system and a fully integrated open platform solution to give nuclear utilities the competitive edge.

**Class 1E Safety Systems**

Invensys' premier product, the Tricon™ system, uses triple modular (TMR) technology for unprecedented availability, reliability, and fault tolerant performance in a variety of safety related and critical control applications. There are currently over 8,000 Tricon systems utilized in critical applications, accumulating over 470 million hours without a single demand failure.

**Distributed Control & Plant Computer Systems**

The Invensys' I/A Series® system is designed to meet the intelligent automation needs of the complex, integrated systems that control the nuclear industry's critical operations. These system applications require proven technology that provides non-stop operation and state-of-the-art security.

The I/A Series system has been selected by over 50 nuclear plants to provide critical controls. It is the backbone of the Lungmen ABWR control system supplied to Taiwan Power Company in partnership with General Electric.

> **INVENSYS PROCESS SYSTEMS**

Invensys has been a major supplier to the nuclear industry for nearly 50 years. The Foxboro Company provided I&C systems for many of the early government and commercial nuclear plants. Invensys engineers have participated in the design, assembly, checkout, documentation, and shipment of hundreds of systems for nuclear power plants, systems ranging from single control loops to complete process protection and control systems.

Invensys is committed to providing I&C systems to the major process control industries. In addition, Invensys maintains a group of professionals dedicated to the Utility/Power industry, consisting of 150 experienced engineers and technicians to perform major system upgrades.

Invensys is the single supplier to the nuclear industry who provides the total Nuclear Solution:

- Commercial-Off-The-Shelf systems
- Platform owned and fully supported by a single supplier
- Engineering, field service and training from a single source
- Application and integration expertise
- Design, Integration, Testing and Documentation of safety control and plant computer systems

**Invensys Process Systems provides the only complete nuclear solution owned and fully supported by a single supplier. Thus, all clients have a continuously current solution with compatibility of software and hardware. IPS is the lowest risk short and long-term solution for your safety and control systems needs.**

**Invensys Nuclear combines extensive nuclear plant operations experience; the only commercial off-the-shelf 1E certified safety system and a fully integrated open platform solution to give nuclear utilities the competitive edge.**