

## About CTI

CTI's business model is unique in the world of industrial controls: we are relentless in our quest to ensure compatibility across successive generations—in both hardware and software—to help our customers derive the maximum return on their investment. And we ensure interoperability across the best field, PLC and supervisory products available on the market to allow our customers to achieve the fully integrated process control system of their choice. This unique approach has kept our earliest customers up and running efficiently for more than three decades with the innovative control solutions they need while keeping their total cost of ownership as low as possible.

Since 1980, Control Technology, Inc. (CTI) has been an innovator in factory automation and controls. From our earliest days as a manufacturer of specialty modules for Texas Instruments (TI), Omron, Allen Bradley and Siemens, and continuing today as a manufacturer of our own robust, high-performance control and supervisory systems, we have a proud tradition of innovative product design, excellent product quality, unfailing reliability, and exceptional service to our customers.

CTI introduced the automation market's first-ever TCP/IP module in 1995, and Siemens subsequently private-labeled this product as well as several other innovative specialty modules for the Simatic® 505 product line until discontinuing the 505® series in 2003. Recognizing a need in the market for continued support and enhancement of the robust and popular 505® product line, CTI introduced new and compatible I/O modules to seamlessly replace the older TI/Simatic I/O modules, and in 2007, began manufacturing and selling compatible CPUs with state-of-the-art enhancements in functionality and performance.

Today, from its worldwide headquarters in Knoxville, Tennessee, CTI designs and manufactures advanced control, communication, and I/O products for process control and factory automation. We offer complete process control solutions that integrate our products with world-class products from our key partners. Or, customers may choose to use the broad connectivity and direct integration we provide to construct their own solutions using “best-of-breed” products of their choice. CTI products utilize the best of today's technology yet are easy to implement and simple to operate. While all of our products are compatible with the 505® product line, they are also connectable to many other manufacturers' products. This enables our customers to leverage their existing investment in code and commissioning, ensures seamless operation, and minimizes cost when upgrading from current-generation PLCs to the latest CTI product line. Currently, CTI has thousands of installations around the world, including in the plants of many of the world's major industrial companies.

We are proud to build on the TI legacy of robust, intuitive design coupled with ease of implementation and programming to deliver complete automation solutions with unsurpassed reliability and all the performance our customers need at the lowest total cost. We invite you to learn more about how CTI can help you achieve seamless, secure operations and real-time sharing of data and information to wring more efficiency out of your operations and harness the power of data to optimize your plants.



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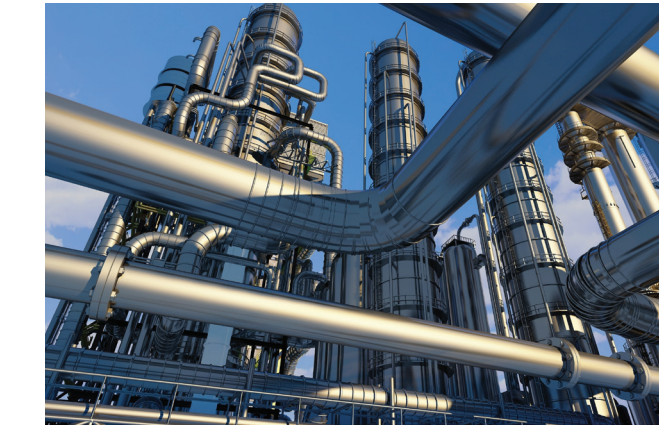


# Control Technology, Inc.

ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.

## CTI's Approach

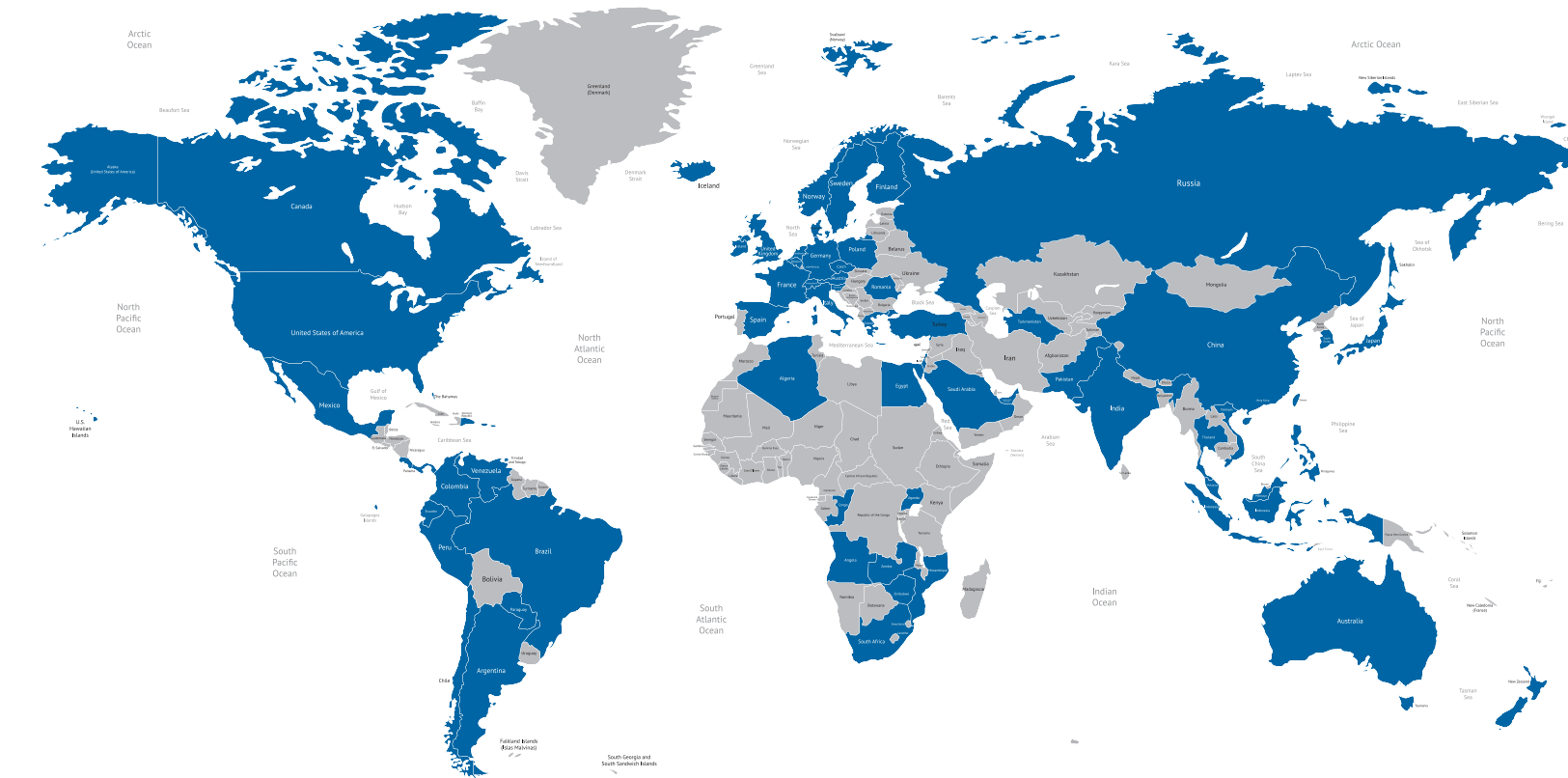
Our approach to automation emphasizes continuous evolutionary improvement, backward compatibility, and operational simplicity to help you optimize plant performance at the least possible cost by:



- Employing the best of today's technology while ensuring simplicity and ease of use
- Relentlessly pursuing compatibility across successive generations of products which allows you to build on your existing investment to minimize the risk and cost of change
- Connecting you to best-in-class solutions
- Offering highly personalized customer service and global reach

## Global Reach

We have over 110,000 systems installed in process and machine-controlled facilities worldwide.



■ Locations where CTI products are used



**Rock Solid Performance.  
Timeless Compatibility.**

**The CTI 2500 Series® Automation System**

The 2500 Series® has a proud legacy as one of the world's premier process control platforms and is known for its capability, simplicity and reliability. CTI has modernized this legendary product line with smart enhancements and rich features to create a complete automation solution that helps our customers run their plants as safely, efficiently and seamlessly as possible.

As shown in the illustration below, the 2500 Series® System includes a broad range of product and service solutions for process control which are designed to reach from the Device Layer, through the Control Layer, into the Supervisory/Enterprise Layer. All elements of this solution are compatible with TI505® and Siemens® 505 series PLCs.

Specific highlights of the 2500 Series® System include:



**CTI 2500 Series® – Keeping Automation Simple**

**SIMPLY SEAMLESS™**

CTI automation solutions work seamlessly across product generations and control layers.

**SEAMLESS SUPERVISORY CONTROL:**

CTI's complete automation solution includes zenon®-based SCADA clients, servers and web servers that integrate seamlessly with CTI PLCs, HMIs and I/Os.

The result: quick and efficient data acquisition and powerful supervisory control with robust communication and a familiar look and feel.

**SEAMLESS PROCESS CONTROL:**

Complete forward and backward compatibility and a common system architecture provide a reliable and powerful platform. The newest generation of CTI CPUs offer an IEC 61131-3 programming package and robust communications capabilities, and our HMI touch panels offer wizards-based automatic engineering, object-oriented parameterization, and efficient re-use of projects and modules.

The result: maximum flexibility, minimal disruption and the lowest possible cost.

**SEAMLESS DEVICE CONTROL:**

A complete range of options for digital, analog and specialized I/O based on size, capability, and connectivity. All I/O is interoperable with existing CTI systems without the need for complicated configuration.

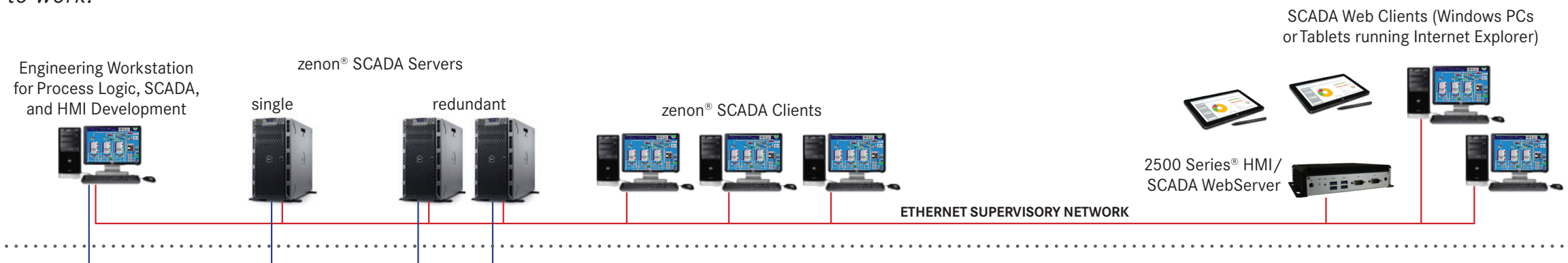
The result: ease and simplicity in solving your I/O application needs.

**2500 Series® System**

*When it absolutely, positively has to work.*

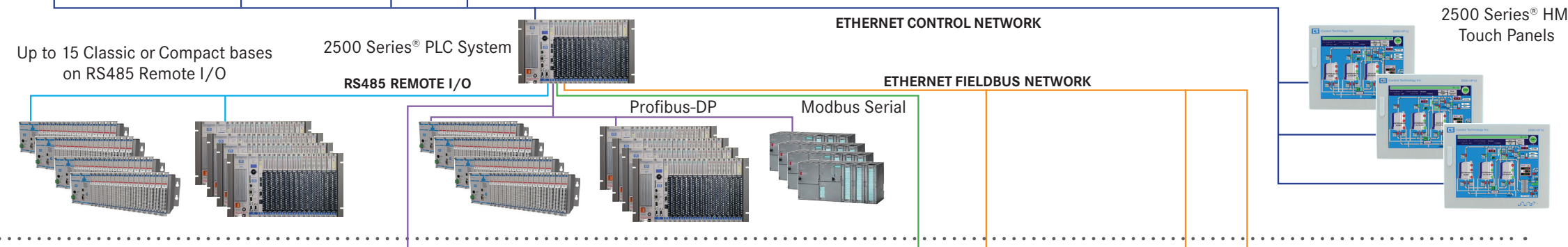
**SUPERVISORY LAYER**

- zenon® SCADA servers in standard and redundant configurations
- Connection to MES and ERP systems
- zenon® SCADA clients
- Engineering workstations for SCADA, HMI, and Control Logic development
- 2500 Series® webHMI servers
- Connection to other SCADA systems via OPC



**CONTROL LAYER**

- 2500 Series® PLCs in standard and redundant configurations
- 2500 Series® HMI Panels
- 2500 Series® Touch-Panel PCs



**DEVICE LAYER**

- 2500 Series® Classic and Compact I/O bases on Remote I/O and Profibus
- 2500 Series® Slice I/O modules communicating on Ethernet
- Connection to third-party valves, flowmeters, VSDs, and other devices on Profibus, Ethernet/IP and Modbus (serial and Ethernet)

