

DIFFERENTIATORS FROM OTHER INTEGRATORS

SOSI-STEALTH ON-SITE INTEGRATION

Our Staff of Control System Engineers, Licensed Electricians and ISA Certified Instrumentation Technicians will provide:

- ◆ On-Site assistance acting as your Instrument and Control Department as part of the I & C team.
- ◆ On-Site resources to install the control system in your facility, on your machine or process skid.
- ◆ On-Site field device wiring and piping for the pneumatic system.
- ◆ On-Site network commissioning of Distributed I/O and Information networks by our engineers to ensure smooth start-up and flawless operation.

PREMIUM ENCLOSURE ASSEMBLY AND FABRICATION IN OUR UL508A PRODUCTION AREA.

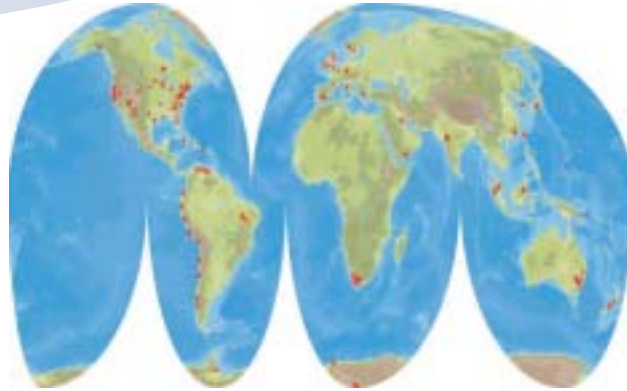
ROCKET SCIENCE INSIDE.

Any company can install components into a control system enclosure or subcontract this task out to "Panel Shops." But very few, if any, will build a control system with the quality and dedication that RTI will put into every single enclosure. Every RTI System includes custom manufactured control enclosures by highly skilled and trained assembly technicians.



WHERE DO WE MAKE AVAILABLE THESE SOLUTIONS AND SERVICES?

OUR SYSTEMS ARE INSTALLED AND COMMISSIONED AROUND THE GLOBE.



RTI Products has a widely growing installed base of control systems throughout the world. Many of our control systems reside throughout North and South America, Europe and Asia. Our Radar Technology, Inc. product family has provided military and commercial applications and installations that stretch into the remaining three world continents.

RTI PRODUCTS

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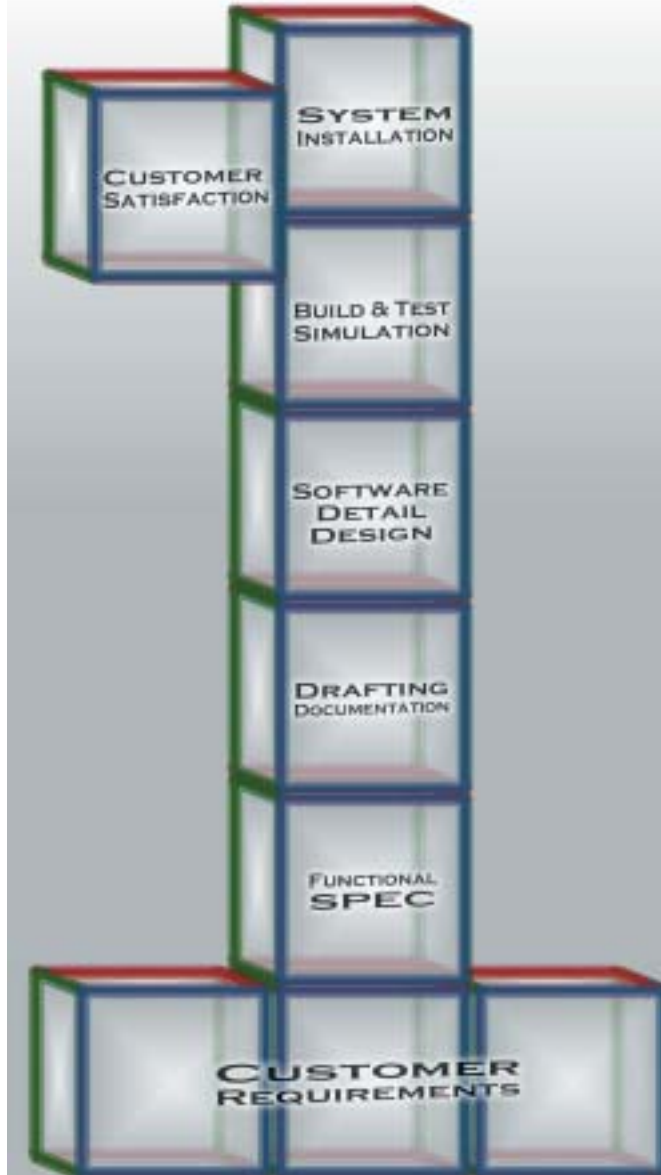


RTI PRODUCTS DIV.

3 LIBERTY ST.
MERRIMAC, MA 01860



START TO FINISH CONTROL SYSTEMS



RTI Products provides Custom Control Systems and Automation Solutions for customers around the world.



ROCKET SCIENCE - Been there and still doing it.

Founded in 1973, RTI began designing and manufacturing radar components for military and commercial applications that we still design and develop today.

Our decades of complex, mission critical applications and documentation knowledge provided the evolution to our Control Systems and our growing Biotech and Pharmaceutical customer base. Since 1990, RTI Products has been providing *PLC and DCS based control systems and solutions* to numerous regulated and validated manufacturing sites.

RTI DELIVERS SERVICE AND CONTROL SYSTEMS THAT EXCEED EVERY CUSTOMER'S EXPECTATION.

We deliver unparalleled services in the automation of OEM and End User manufacturing and machine equipment. Our Control System Integration is provided for the following applications:

- ◆ Biotech and pharmaceutical process skids including CIP, SIP, WFI, Chromatography, µF, MF, Bioreactor, and Centrifuge Systems.
- ◆ Food and Beverage related automation solutions including industrial refrigeration, cooling, oven, process filling, and moisture control.
- ◆ Water and filtration systems for use in manufacturing and production facilities.

NETWORK BUS TOPOLOGIES SPOKEN HERE!

At RTI, we understand network bus topologies.

We commission systems to meet application requirements and the customer's desired network. Networks include: DeviceNet, Foundation Fieldbus, Profibus-DP/PA, Industrial Ethernet, ENET /IP, ControlNet, ASI, Data Highway Plus, Remote I/O, DH485, Modbus Plus and Modbus protocols.

START TO FINISH - RTI IS THE

FROM P&ID TO...

- ◆ Requirement Specs
- ◆ Engineering Design
- ◆ Material Procurement
- ◆ Pre-tested Control Systems

ONE SOURCE FOR ALL YOUR CONTROL SYSTEMS INTEGRATION...

- ◆ Software Programming for DCS, PLC, OIT
- ◆ 21CFR Part 11 "Ready" Solution Design
- ◆ Network Bus Topology
- ◆ Field Installation
- ◆ On-Site Skid and Suite Wiring
- ◆ On-Site Integration.



"RTI has provided excellent engineering, panel fabrication and field installation, coordinated start-up with various subcontractors, and a solid turnover documentation package. Changes in the client requirements were quickly addressed by RTI with minimal schedule impacts."

- Stan Rotkiewicz, Project Manager, Genzyme Corporation

"The only down side for me on working with your people is that I get spoiled. When I have to deal with other control panel suppliers, I am not prepared for the extra effort I have to expend to make things right."

- Tobi D. Mengle P. E.



RTI CAN BE YOUR SUCCESS

In today's competitive environment, companies like yours are faced with multiple challenges. RTI is positioned to offer cost effective solutions:

OUTSOURCING: Control Systems Integration Processes reduces your overhead expenses.

FEDERAL REGULATION COMPLIANCE: RTI Products can help ensure that control and process systems are designed to meet these requirements from project inception.

INCREASED ENGINEERING CAPACITY: RTI Products can provide engineering consulting, staffing, or complete control system project management.

CONTROL SYSTEM INTEGRATION EXPERTISE: RTI Products can adapt and bridge your knowledge with our control system integration expertise and provide the automation required to make it a success the first time.

VALUE-ADDED AUTOMATION SOLUTIONS: RTI Products provides custom automation solutions with the delivery and price of an "off-the-shelf" solution.

"STEALTH" ON-SITE INTEGRATION: RTI Products will make available all of the resources to install the control system in your facility, on your machine or process skid.

CONTROL SYSTEM ENTERPRISE CONNECTIVITY: RTI Products can help connect varying control system technologies to the existing business infrastructure and manufacturing execution systems.