

DCS, PLC AND SCADA SOLUTIONS

INDUSTRIAL CONTROL SYSTEMS

Helping our clients maximize and protect their
control system investment.



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We Have Worked With Every Major DCS, PLC And SCADA System

Industrial Control Systems.
Cyber Security.
And Technical Services.

ABOUT US



WE WERE FOUNDED ON THE BELIEF THAT EVERY CUSTOMER DESERVES THE VERY BEST QUALITY OF SUPPORT AND SERVICE.

Specializing in industrial control system solutions since 1994.

Installing or upgrading a new industrial control system (ICS) is not a simple task. Rigorous assessment and planning should be conducted to ensure reliability and improved plant performance. We understand the importance of this initial phase because we recognize every control system project possesses unique complexities.

For over 20 years, Rkneal has been specializing in advanced process control solutions. With over 700 automation projects under our belt, we know the questions to ask to ensure our customers receive the right solution - the first time.

Rkneal has successfully completed several intricate control system

projects ranging from complete migrations, upgrades and conversions from older legacy systems to modern controls. Our engineers have worked with every major DCS, PLC and SCADA system currently on the market.

This broad range of control system expertise allows Rkneal to offer the best solution without bias toward a particular control system vendor.

Our engineering firm truly understands we are only as good as our last project. This forces us to place our customers first - and engineer control system solutions to fit their specific needs.

Industrial Control Systems.
Cyber Security.
And Technical Services.

OUR PHILOSOPHY

Even though Rkneal has experienced tremendous growth over the past 21 years, we have never forgotten our roots in process control systems - controls permeate everything we do.



It is important to work with an engineering firm who will design and implement the control system the right way - the first time. Whether you need help on a single project or are looking to upgrade plant-wide systems - Rkneal can help.

Industrial Control Systems.
Cyber Security.
And Technical Services.

Our engineers are not system integrators that simply implement logic and controls. To us, there is a big difference between understanding the plant process and merely programming logic. Because of this philosophy, we train our engineers on the process first then the controls equipment.

We feel the controls equipment and technical capabilities will always be a moving target, but the plant process will not. This understanding serves as the foundation for our

internal training and remains a major contributing factor to our success.

In addition, we leverage project management standards and practices that we have developed and refined over the past 21 years. These engineering principles help us achieve our "zero defect" objective.

For our customers, this equates to projects being on time and within budget.

TURNKEY CAPABILITIES

Rkneal offers a full range of engineering services and can help at any stage - from initial project design to startup and installation.



I&C Engineering

Design and develop new DCS, PLC and SCADA systems.



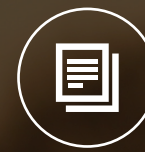
Process Control Design

Analyze process, instrumentation and control system requirements.



System Optimization

Achieve superior system performance.



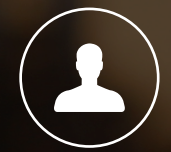
Control Narratives

Develop an understanding of how the process is supposed to operate.



BMS Systems

Specialize in process and safety control systems.



Owner's Engineer

We can help avoid design errors and keep the project on schedule.



Business Impact

Can help justify automation projects to ensure reliable operation.



Design Specification

This comprehensive document is fundamental to the development of our projects.



Engineering Design

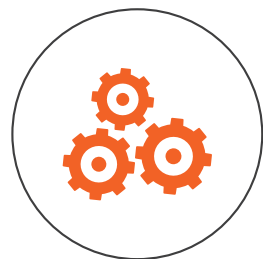
Possess extensive experience with system design for various processes using control systems.



WHAT WE DO

CONTROL SYSTEM EXPERTISE

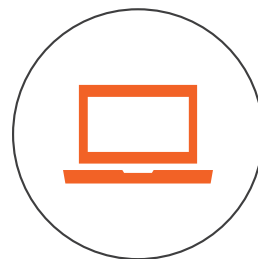
Rkneal has specialized in control system solutions since our company was founded over two decades ago. Control systems are what we do. And what we know.



DCS SYSTEMS

Since the majority of our work is specific to the power industry, our engineers have been exposed to a number of DCS platforms. Rkneal has successfully completed projects ranging from single loops to plant-wide systems of 30,000+ points. In addition, we possess extensive experience integrating stand alone systems into modern DCS controls.

- » Emerson WDPF
- » Emerson Ovation
- » ABB (Inf90, 800xA, S+)
- » Foxboro I/A Series
- » Rockwell PlantPAx
- » DeltaV
- » Honeywell
- » GE (Mark I-VIe)
- » Siemens



PLC/SCADA SYSTEMS

Our platform independence allows us to select the best technology for a specific project. With over 700 automation projects under our belt, we know the questions to ask to ensure our customers receive the right solution - the first time. Similar to DCS platforms, our engineers have worked with multiple PLC/HMI/SCADA platforms.

- » Allen Bradley
- » GE Fanuc
- » Modicon
- » Siemens S-Series
- » FactoryTalk
- » RSVIEW
- » GE Proficy Simplicity
- » iFix
- » Wonderware



ENGINEERING DESIGN

Unlike most OEMs Rkneal does not subcontract our electrical design work, thus giving the customer a single point of contact for all aspects of a controls project. Rkneal possesses extensive experience with process control system design for various processes using various control system equipment.

- » Electrical One Line Diagrams
- » Schematics
- » Termination Drawings
- » Instrument Design & Specifications
- » Drawing Support (Microstation & AutoCAD)
- » Control Narratives

We Look Forward To Hearing From You

Rkneal is a world-class engineering firm specializing in industrial control systems, cyber security and technical services. Whether you need help on a single project or are looking to upgrade plant-wide systems - Rkneal can help.

SOME STATISTICS

We realize our success is directly linked to the success of our customers and the relationships we have built over the past two decades.

1045

Total projects completed

700+

Automation projects completed

97%

Repeat business

1994

Year established

FOR MORE INFORMATION:



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