



CAPABILITIES

## Your Single-Source for Outstanding Controls and Automation Services

KDC Systems provides process controls, industrial controls, and HVAC and building automation system (BAS) services to clients across the greater Los Angeles metropolitan area. We design, install, and commission control systems that utilize the latest hardware and cutting-edge graphical interface software. We are one of only a few firms in the industry that provides all of the facilities, mechanical, and electrical construction services required to complete a building control systems project without reliance on subcontractors. Our in-house capabilities provide us closer quality control and help lower project costs.

### Process Control Automation

We offer a full range of process control systems, as well as electrical and instrumentation services. Our experience spans virtually every major segment of the process control market – from biotech and pharmaceuticals to semiconductors, petrochemical, and food. **Our process control services include:**

- > Conceptual design
- > Detailed electrical systems engineering
- > Software development
- > Panel assembly
- > Installation
- > Commissioning, start up, and validation

### Industrial Automation

When it comes to material handling, conveyor control, and data acquisition systems, we have the technical know-how needed to meet the most ambitious industrial automation goals.

We have over 15 years of turnkey industrial controls integration experience **providing the following services:**

- > System design proposals
- > Engineering and project management
- > Application design, software development, and implementation
- > Installation drawings and documentation

### PROCESS, INDUSTRIAL, AND BUILDING AUTOMATION SERVICES

Building automation

Conceptual design

Project management

Detailed engineering

Software development and network management

System integration

Procurement

Panel assembly

Construction management

Electrical installation

Instrument calibration

Validation

Commissioning and start up

Training

> Special control equipment and panel fabrication

> Electrical installation

> Preventive maintenance and 24-hour service

## Facilities Control and Building Automation Systems

We are committed to single-source, full-service control systems integration, and we are proud to have some of the most extensive BAS service offerings on the market.

### Services include:

- > Electrical installation
- > Commercial HVAC controls and building automation
- > Lighting controls and management
- > Energy saving systems
- > Electrical metering
- > Tenant after-hours billing
- > Web browser/Legacy systems
- > Telephone and data
- > Smoke control and fire alarm systems
- > Security and access control
- > Direct digital controls (DDC)
- > CCTV and intrusion detection

## Cutting-Edge Technology from a Team of Professionals

At KDC Systems, we utilize the latest programmable logic controllers (PLCs) and distributed controls systems (DCSs), and we carry graphical interface software from leading vendors like Wonderware, Intellution, and Rockwell Software.

KDC Systems and its employees hold all required licenses including a contractors' license and Professional Engineering licenses in electrical and control systems. Clients can rest assured they are receiving the finest automation systems from a team of true industry experts.



## OUR EXPERTISE AND ADVANTAGES

35 years of proven experience

Single-source, self-performed solutions

Experienced Senior Engineers

Certified Project Managers

Licensed Professional Engineers

UL-Certified panel shop » Union Electrical Group

International Society of Automation (ISA) Certified Control Systems Technicians

National Institute of Standards and Technology (NIST) traceable instruments



## WHAT CAN WE DO FOR YOU?

### KDC Systems

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