

Industrial Control Systems (ICS) Integrator

for Water, Wastewater and Environmental Systems

Kore Systems designs, programs, builds and installs control systems for federal and industrial facilities, then hosts and supports them after startup. A small business founded in 2007, Kore holds the electrical contractor licenses to install what it engineers.

CORE COMPETENCIES

- SCADA design, integration, upgrade and support
- PLC design and programming
- UL 508A industrial control panel design and fabrication
- Instrumentation and controls, commissioning and acceptance testing
- ICS cybersecurity: endpoint network monitoring and vulnerability assessments
- CMMC consulting
- Hosted SCADA, data, server and license hosting
- Automation Portfolio Management (APM), including Data Center Infrastructure Management (DCIM)
- Groundwater treatment plant operation and maintenance

PAST PERFORMANCE

- **USACE, Former Fort Ord, Marina, CA.** Integrated new groundwater treatment systems with legacy PLCs and SCADA; operation and maintenance upgrades. Subcontractor to Ahtha.
- **USAEC and USACE, Sharpe Army Depot, CA.** Automation Portfolio Management and control system upgrades in a ten-year partnership modernizing groundwater treatment.
- **USACE, Riverbank, CA.** SCADA upgrades and repair under a current services contract.
- **West Contra Costa County Class 1 Hazardous Waste Landfill.** Electrical and control systems engineering, SCADA and PLC programming, construction management and quality control for the leachate treatment plant.
- **University of California, Davis, Utilities.** Automation Portfolio Management across chilled water, wastewater, power generation and aquatics.

DIFFERENTIATORS

Hardware and software agnostic. A true systems integrator: develops and integrates any commercial off-the-shelf hardware or software system.

Hosted Solutions. Kore's data center in DFW delivers software as a service to more than 50 customers on proprietary technology.

Automation Portfolio Management. One package that analyzes a site's automation assets against a maturity baseline and recommends how to optimize them.

Designs it and installs it. Licensed electrical contractor in California and Texas, so one firm carries the system from design through startup.

COMPANY DATA

UEI	RYCZKBDYJPG7
CAGE	157X9
NAICS	541330 Engineering Services 541511 Custom Computer Programming Services 541512 Computer Systems Design Services 238210 Electrical Contractors and Other Wiring Installation Contractors
Business type	Small business
Licenses	California C-10 #1036023 Texas TECL #40783
Frameworks	NIST SP 800-171, NIST SP 800-53, NIST CSF
Founded	2007, Bedford, Texas

POINTS OF CONTACT

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Proven on federal, municipal and commercial systems

Legacy integration, Former Fort Ord

New groundwater treatment systems tied into PLCs and SCADA already in the ground, through programming, testing and integration with no errors at startup.

A long federal relationship, Sharpe Army Depot

A ten-year partnership modernizing the depot's groundwater treatment systems, including Automation Portfolio Management and control system upgrades.

Round-the-clock treatment, West Contra Costa

Kore engineered the leachate treatment plant and held construction management, code compliance verification and quality control. The plant runs around the clock with minimal staffing because of the automation.

Data at scale, Cupertino Electric

More than 40,000 data tags across 273 device types.

Field upgrades, Republic Services, Sunshine Canyon Landfill

Removed and replaced the variable frequency drives on three flares, built new control panels, and integrated monitoring and alarms, closing with a full acceptance test.



MARKETS

- Water and wastewater
- Groundwater treatment and remediation
- Federal and government infrastructure
- Utilities and energy (hydro, solar, gas)
- Landfills
- Manufacturing and pharmaceutical
- Data centers
- Food and beverage
- Building automation

CLIENTS AND PARTNERS

- U.S. Army Corps of Engineers (USACE)
- U.S. Army Environmental Command (USAEC)
- Ahtna, Inc., over 100 projects in 17 years
- University of California, Davis
- Central Environmental, Inc.
- Paragon Professional Services
- Republic Services
- Genentech
- Pacific Gas and Electric

HOW KORE WORKS

- Project work:** design, build and integration from proof of concept through startup
- Contract service work:** service agreements, master ordering agreements and calibration
- Engineering services:** specifications, system documentation and consulting

TEAM CREDENTIALS

- SANS ICS 410, ICS cybersecurity
- UL 508A panel design and building
- Grade II Wastewater Treatment Plant Operator
- USACE Quality Assurance certification
- Allen-Bradley, Modicon and PLC Direct platforms
- Water Distribution Operator (D1)
- Inductive Automation Ignition 8.1 certification
- Water Treatment Plant Operator (T1)
- OSHA 40-hour HAZWOPER