CASNE

Casne Engineering is a team of over 120 engineers and technologists, helping clients succeed with electrical power, industrial automation, and operational technology.

Casne Engineering, Inc.
3545 Factoria Blvd. SE, Suite 200
Bellevue, WA 98006

Point of Contact Nick Wiley
Title Chief Operating Officer
Officer Email nick.wiley@casne.com
Office Phone 425-522-1026

Website www.casne.com

Unique Entity ID (UEI)
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CAGE Code 0Z6Y2

NAICS Codes
541330, 541340, 541420, 541490,
541512, 541690, 541715, 541990

Product and Service Codes (PSC)
C222 – A&E- General: Electrical Systems
D319 - It & Telecom- Annual Software Maintenance Service Plans
DA10 - It & Telecom - Business Application/App Development SaaS

Associations and Organizations
- National Fire Protection Agency (NFPA)
- Institute of Electrical and Electronics Engineers (IEEE)
- International Society of Automation and Control (ISA)
- Electric League of the Pacific Northwest

Founded in 1979, Casne Engineering offers electrical engineering, systems integration, and critical system support for the industrial, transportation, public works, technology, and natural resources sectors. From conceptual design through final commissioning and full lifecycle support, we strive to exceed your expectations and deliver projects that meet your specific requirements.

Core Competencies

Engineering Services
- Professional engineering and design services for the construction of electrical power and industrial control systems, serving as either prime or sub-consultant
- Experienced in design of High, Medium and Low Voltage Electrical Power Systems, Power Generation, Arc Flash Analysis, Power System Analysis, Selective Coordination, and Short-Circuit Studies
- Assessment and planning for IT and OT data infrastructure, cybersecurity, and risk reduction

Operational Technology
- Design and integration for Building Management Systems, Electrical Power Management Systems, Supervisory Control (SCADA), HMI
- Real-time Visualization, Asset Performance Monitoring
- Anomaly Detection, Statistical Modeling, Data Quality Analysis
- Predictive Analytics, Process Optimization, Root-Cause Analysis

Engineering Service Desk
- 24/7 critical environment support, tailored to your needs
- Managed support services for data infrastructure, including SLA-backed incident response and management for SCADA, data historians, industrial networks, and other critical data.

Differentiators
- Expertise in a wide range of industries: aerospace, water/wastewater, railroad, metals/mining, food & beverage, utilities, datacenters, manufacturing, and more
- Based in Washington State, we have been serving our private and public clients throughout North America for over forty years
- Two Satellite Offices located in Spokane, WA and Carlsbad, CA
- 12 Professional Engineers licensed in 30 states
- 120+ experienced and qualified personnel
- Over 600 projects across 7 countries
- Experience with federal, state, local government contracts

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Additional Services

Enterprise Software Products and Services

Enterprise software and edge-to-cloud solutions for industrial operations, specializing in data historians, streaming data analytics, and real-time visualization.

System Integration

Programming, testing, and startup of industrial instrumentation and control systems to improve the safety, efficiency, reliability, and cost-effectiveness of real-time operations.

Construction Assistance

Engineering services for facility owners and contractors for new construction and retrofits, including design review and consultation, support during construction, startup assistance, commissioning, and warranty services.

Commissioning

Start-up and commissioning services for complex and/or custom, automated process control systems, for a wide range of industries, from industrial and municipal process controls to building management systems.

Notable Certifications

AVEVA IGNITE
SUPERSTARS
SYSTEM INTEGRATOR
OF THE YEAR

inductive automation.
Certification Status: ● Gold Certified

RA BRONZE **System Integrator**
A ROCKWELL AUTOMATION PARTNER

Software Products

Casne Limit Learner

- Casne Engineering's Limit Learner Software helps optimize the operating limits of your key assets using their observed historical performance
- Uses machine learning to quickly and efficiently establish performance thresholds for hundreds or thousands of assets.
- Seamlessly integrated with the AVEVA PI System
- can spot issues like anomalies or process drift, alarm when performance is down, and improve your overall equipment management

Cloudstream SAAS

- Casne Engineering's Software-as-a-Service platform is a no-code solution for connecting disparate data systems, both on-premise and in the cloud
- Edge-to-edge, edge-to-cloud, and cloud-to-cloud configurations are all easily implemented
- Mix and match data sources and endpoints to create your personalized data pipeline

Our clients include

Port of Seattle · Port of Tacoma · IPA Intermountain Power Agency *Energy for Today & Tomorrow* · Federal Aviation Administration · Washington Military Department · PGE · City of Bellevue Washington · City of Mercer Island Washington

Bonneville Power Administration · Seattle City Light · City of Salem At Your Service · GVEA Golden Valley Electric Association · University of Washington · ML&P

Inland Empire Utilities Agency A Municipal Water District · King County