



▶ INTEGRATED CONTROL SYSTEM SOLUTIONS, INCLUDING DESIGN, MANUFACTURE, INSTALLATION AND COMMISSIONING.



▶ PROVEN, PRACTICAL EXPERIENCE IN CONJUNCTION WITH THE PLC, SCADA, INSTRUMENTATION AND TELEMETRY EXPERTISE



▶ EXPOSURE TO MULTIPLE INDUSTRIES, TECHNOLOGIES AND TECHNOLOGY APPLICATIONS

○ EFFECTIVE | ○ EFFICIENT | ○ RELIABLE

Automation Engineering

CPS is not a distributor of any products. We are an authorized integration partner for the major automation platforms. We recommend the products that provide the Best-In-Class solutions for a specific project.

Professional competence, technical proficiency and comprehensive resources to implement turnkey automation solutions

Control & Power Systems, Inc. (CPS) specializes in integrating various components to make complete intelligent automation systems. These elements can include mechanical, electrical, electronic, pneumatic and hydraulic parts; plus process instrumentation and control panels; plus software and custom code programming; plus database, networking and communications configuration.

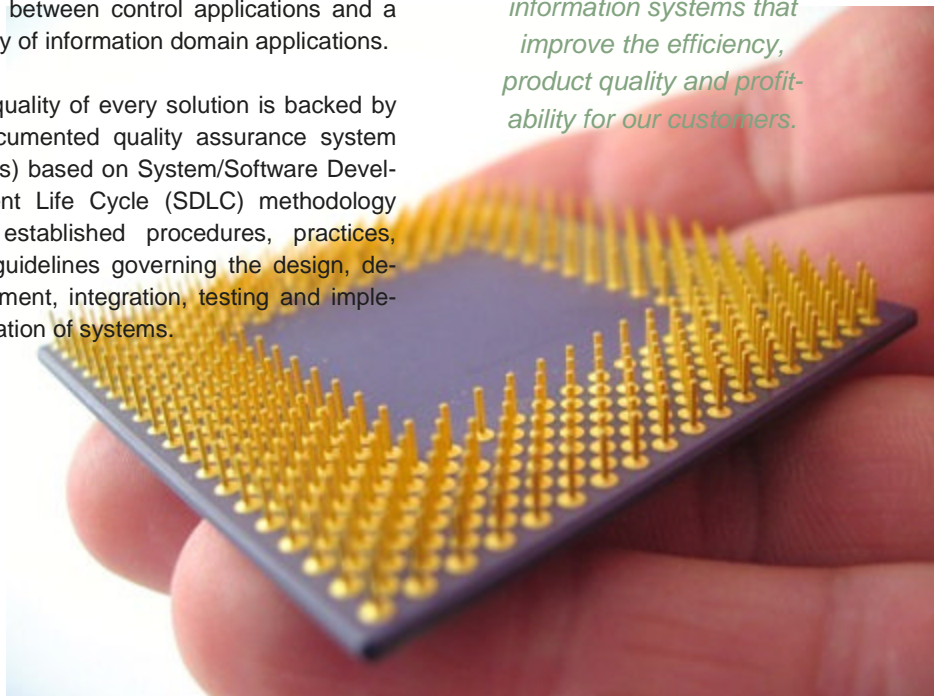
Over the last two + decades CPS has developed a methodical, integrated approach to convert client design requirements into functional, reliable and user friendly systems. Solutions from CPS integrate PC/Servers, PLC, Instrumentation, Data Collection, Network and DCS hardware with SCADA, Database, Historian, Reporting and other off-the-shelf software products to solve customer application requirements.

Combining project management, control and automation capability, with industrial IT/data management know-how enables CPS to supply a complete solution to the most challenging of engineering projects.

CPS has an extensive background in batch automation, discrete and continuous process controls, machine automation, material handling, water and wastewater treatment, weighing and blending, etc. Almost invariably, projects include interfaces between control applications and a variety of information domain applications.

The quality of every solution is backed by a documented quality assurance system (SOPs) based on System/Software Development Life Cycle (SDLC) methodology with established procedures, practices, and guidelines governing the design, development, integration, testing and implementation of systems.

We use our experience with current and emerging technology to provide robust, custom automated equipment and networked information systems that improve the efficiency, product quality and profitability for our customers.





Industrial automation solutions, systems and services since 1979

For nearly four decades, Control & Power Systems, Inc. (CPS) has been a full-service control systems integration company. The Company offers a unique blend of computer, electrical, electronic, instrumentation, validation and mechanical know-

how plus on-site panel and skid fabrication. The custom systems that CPS programs, builds, integrates and deploys center mainly on process control, material handling, manufacturing execution and data management applications.

**FLEXIBLE
CAPABLE
RELIABLE
PROVEN**



INTEGRATION SERVICES

PLC Systems

Every Major Brand

SCADA Software

Every Major Brand

Data Bases

Every Major Brand

Networking

DH+, MB+, Profibus,

DeviceNet, RIO,

Fiber Optic, Ethernet

WEB Enabled

Data Acquisition



FABRICATION SERVICES

Custom Skid Fabrication

Control Panel Fabrication

UL, CUL, CE Certification

Intrinsically Safe Wiring Practices

Explosion Proof Wiring Practices

Welding

Piping & Tubing

Painting

Pneumatic & Hydraulic Systems



ENGINEERING SERVICES

Functional Definition

Control Strategy Development

PLC Programming

MMI, SCADA Configuration

Instrumentation Specification

Hardware Specification

Mechanical Skid Design

CAD Drawings



QUALITY ASSURANCE

FDA Validation

IQ, OQ, PQ, Generation & Execution

Factory Acceptance Testing

Program Logic Functionality

System Performance Tests

Full Service Test Center

Electric, Hydraulic, Pneumatic

System Commissioning

Field Device & IO Verification



INSTRUMENTATION

Engineering

Specification & Selection

Installation

Mounting, Tubing, Wiring

Calibration

ISA Certification

NIST Traceable

Service Contracts



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At CPS we help companies navigate and harness the maze of options available within the rapidly advancing, multi-component, multi-platform, multi-vendor environment of industrial automation and provide competitive hardware and software solutions that meet their requirements, on-time and on-budget.