

Plant Information, Monitoring, and Controls

Products and Services

**CURTISS-
WRIGHT**



Curtiss-Wright offers a comprehensive range of products and services to the commercial nuclear power industry through its Plant Information, Monitoring, & Control (PIMC) group. We are a leading provider of plant process computer systems, reliability-centered monitoring solutions, information management applications for regulatory and sensitive data, supply chain database services, hardware component and equipment design/manufacture, and inspection services. We also provide inventory database services, reverse-engineered instrumentation, security and access authorization software, and equipment reliability solutions.

Our overarching principle has remained the same since our inception—that is our commitment to support the safe operation and improved performance of power plants worldwide.

Plant Information, Monitoring, and Controls

Products and Services

Control Systems

- Safety & Non-Safety Digital Control Systems
- Analog Control Systems
- Modern Analog Safety Systems (MASS)
- Digital Safety Systems
- One-To-One Replacement or Refurbishment of Existing Systems

Monitoring & Diagnostics

- Advanced Pattern Recognition (PdP)
- Plant Process Computer Systems (PPCs)
- FAMOS Plant Performance Improvement Suite
- Plant Monitoring Real Time Data Acquisition and Display Software (R*Time)
- Radiation Protection Management
- Equipment Reliability & Condition Monitoring
- Thermal Performance Monitoring
- Data Validation Reconciliation
- Valve Performance & Valve Leakage Monitoring
- Performance Simulation

High Fidelity Simulation

- Full Scope Plant Training Simulators
- Simulation Assisted Engineering (SAE)
- Glass Top HMI Equipment
- Simple Modeling Tools
- DCS Solutions

I&C Products

- NUS Instrumentation
- Re-engineering, Qualification
- Digital FPGA Relays
- Thermal Dispersion Flow, Level, & Temperature Instruments
- Smart Products
 - Positioners
 - Controls/Diagnostics/Monitoring
- Analog/Digital Leak Rate Monitors
- Analog Controllers and Alarm Modules
- Indicating Meters
- Analog Meters, Relays, Power Supplies, & Board Repair

Reverse Engineering Services

- Mechanical Components & Parts
- I&C Components & Parts
- Process Control Modules
- Power Supplies
- Design Engineering & Analysis
- Qualification Testing Support

Obsolescence Support

- Reverse Engineering, Repair/Refurbishment, Substitution, Special Manufacturing Runs, Design Change
 - Proactive Obsolescence Planning
 - EOS (Engineered Obsolescence Solutions)
 - ObSolutions
 - Third Party Replacement Parts
 - Analog, Digital Control Modules
 - OIRD (Obsolete Item Replacement Database)

Supply Chain Management

- RAPID Virtual Inventory Online Database
- Inventory Management, Cataloging, Standardization Programs (RAPID/SEER)

Advanced Analytics & Technology

- Equipment Anomaly Detection Software
- Distributed Data Collection Systems (DDC)
- Personnel Management Applications (SSIS/R2W/ePHQ)
- Worker In-Processing System (IPAA)
- Software Development & Mobile Technology Systems
- Regulation & Information Services

Industry Programs & Services

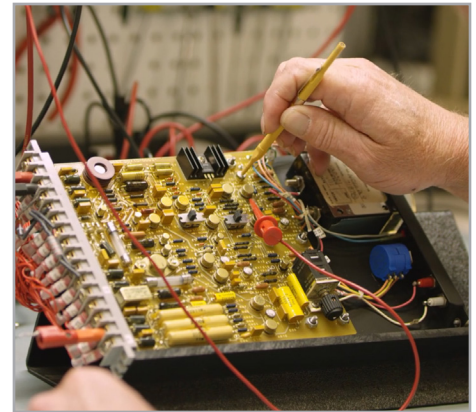
- Regulatory Information Management & Training
- Environmental Qualification Information Management & Training
- Nuclear Worker Information Management & Training
- Thermal Performance Training



Remote Monitoring and Diagnostics Center



Full Scope Plant Training Simulator



I&C Repair

CONTACT INFORMATION:

1360 Whitewater Drive, Idaho Falls, ID, 83402 USA
PIMCSales@curtisswright.com | +1.208.497.3335