

CSE ENGINEERING INC.

POWER GENERATION CONTROLS

CSE Engineering Inc. provides custom engineered solutions for the industrial power generation community. Founded in 1993, CSE is in business to help companies achieve the highest level of process availability, reliability, and efficiency. A diverse variety of CSE services include:

Control Systems

- GE Speedtronic Mark IV and Mark V
Mark IV Smart Remote upgrade/replacements
Mark V <I> and HMI upgrade/replacements
- Woodward 505, 505E, 505Enhanced,
505LST, 505DE
2301, GTC-190, GTC-250
Peak-150, SPC, Protech-203
- GE FANUC 90/30, 90/70, R3XI
- Allen-Bradley SLC-500, PLC5, ControlLogix
- Siemens APACS

Turbine Services

- ◆ Gas Turbine control system upgrade/replacements
- ◆ Steam Turbine governor upgrade/replacements
- ◆ Instrumentation installation and calibrations
- ◆ Reliability and Availability Improvements
- ◆ Vibration Services
- ◆ Fire detection system upgrades/replacements

Facility Services

- ◆ Systems Integration Solution
- ◆ DCS /PLC system upgrades/replacements
- ◆ Instrumentation installation and calibrations
- ◆ Network Infrastructure upgrade/replacement
- ◆ Regulatory Compliance
 - ◇ Data Acquisition System (DAS)
 - ◇ NERC/FERC Cyber Security
 - ◇ Data Processing Gateway (DPG)
 - ◇ EPRI Standards

<ITC>®
Engineered Solution



Stagelink

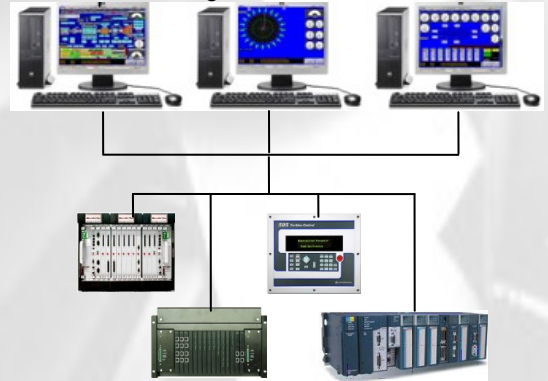


Gas Turbine

Steam Turbine

EX2K Generator

IBECS®
Engineered Solution



Advanced Integrator of VTS Software

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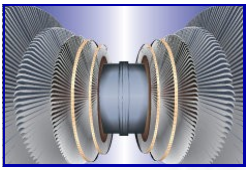


- Recognized Turbine Retrofitter (RTR)
- Part Sales and Services
- Valve Repair/Overhaul Services

1900 Bates Ave., Suite K
Concord, CA 94520

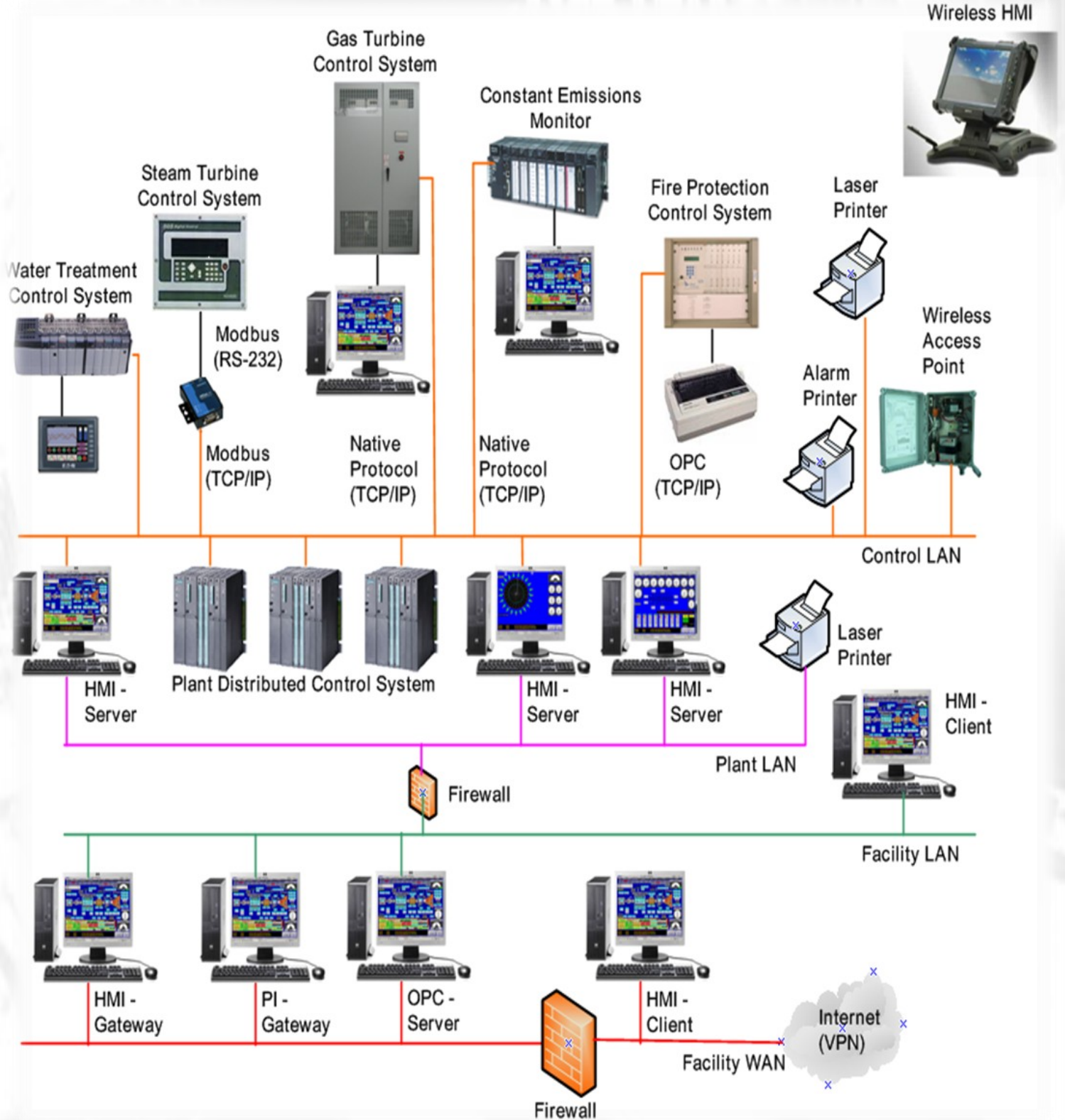
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