



PROCESS INDUSTRIES CORPORATION



IEEE

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Partners in Productivity.



PROCESS INDUSTRIES CORPORATION



Company Profile

Process Industries Corporation is a technology company dedicated to delivering apps, equipment, bid packages, and training solutions to clients in [ADAPTIVE AUTOMATION](#), [ASEPTIC PROCESSING](#), [INDUSTRIAL TRAINING](#), [PROCESS DESIGN](#), and [SKIDDED PROCESS SYSTEMS](#).

With projects as diverse as an **ultra-pure reverse osmosis water treatment plant** processing 2400 GPM with multiple unit operations, turnkey **aseptic processing**, **process optimization**, **production automation**, and **operations visualization**, Process Industries offers a unique blend of talent adding value to your team.

From supplying **deionized water** to high pressure steam turbines for power generation to **adaptive, unattended product batching**, Process Industries continues to furnish clients with **innovation, value, and results**. The results of our designs can be found in the **water** you drink, the **electricity** you use, in the **medicine** cabinet, at the **hospital**, your **automobile**, in the **grocery** store, in the **classroom**, in the **office**, and in the **home**. Contact us to learn why clients as diverse as **electronics, food production, heavy equipment, pharmaceuticals, municipalities, trade construction, and utilities** have placed their trust in us.

Examples of **operating cost reduction projects** engineered, designed, programmed, built, and commissioned:



Effective PLC based high efficiency burner pulse fired system management resulting in a 30% reduction in natural gas consumption by operating the burner at the highest efficiency point on the curve with adaptive controls.



Skidded deionized continuous process water treatment resulting in longer service cycles and a 25% reduction in regenerant chemical usage as a result of optimized resin, process design, and adaptive controls.



High efficiency, on demand skidded steam generation, with 25% reduction in fuel consumption by deploying high efficiency burners, adaptive controls, and effective steam counter flow technology.








Adaptive product batching process and controls design with mass flow metering, dry and liquid ingredient delivery, and 2 stage final metering providing repeatable batch accuracy within 0.1%, resulting in optimal ingredient usage.



Adaptive CIP process and controls design with chemical delivery, solution batching, downstream process valve and line cleaning , step termination based on time and analytical instrumentation, resulting in reduced cleaning cycle times and consistent low baseline chemical consumption.

Engineer. Design. Build. Commission. Train. Monitor. Support. Respond.

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