A critical part of your maintenance management strategy

PdP is a superior, advanced pattern recognition application for condition monitoring to improve equipment reliability. Utilizing existing data signals available through installed DCS systems, historians, and other monitoring systems, PdP provides for early detection of abnormal operating conditions.

Utilizing models that have learned the normal operation of the equipment based on historical performance, the System State Analyzer algorithm embedded in PdP produces very accurate estimates of the expected sensor values.

The estimated values are compared to the real time values to evaluate overall system operation before extreme problems take hold of your operation.

PdP is ideal for protecting your plant or fleet: The value of its predictive analytics lies in its ability to grant greater control over user’s operation by receiving clear, advance warning of equipment or process degradation. PdP works to user’s advantage by:

- Addressing equipment and instrument problems early – reducing control-room alarms and enhance plant productivity
- Shifting unplanned outages into planned maintenance work to help better manage operating expenses and maximize reliability during peak production periods
- Reducing the risk of catastrophic failure, protecting plant personnel and equipment
- Reducing maintenance costs by incorporating real time equipment health information into condition-based maintenance programs
- Saving millions of dollars by routine daily usage, with clients documenting system payback within months

FAMOS™ Technology

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Curtiss-Wright’s PdP, in conjunction with the other FAMOS condition monitoring tools, provides efficient, superior equipment protection.

Every application in the FAMOS suite is deployed and designed to ensure ease of use and utility. Product features that help deliver a maximum return on user’s investment include:

- Straightforward alarms that identify system and equipment anomalies
- Clear equipment and process displays that outline remedies and simplify corrective action planning
- Exceptional reporting and review functionality via web, e-mail, and/or console
- A user-friendly “FAMOS Architect” graphical tool for ease in building, training and testing models

Because PdP is created by the same developers as other FAMOS suite products, it creates an integrated and robust solution for your plant or entire fleet – when installed as part of the suite.