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MAKING PLANTS  
SMARTER AND SAFER

## **FALCONEER™ IV PROCESS PERFORMANCE SOLUTION**

### **REAL-TIME PERFORMANCE AUDITING & ADVISING**

Ideally, a continuous performance auditing system can assess the performance within a plant in real-time to identify assets and operations that are both underperforming and performing properly. Underperforming assets and operations will offer the greatest economic returns on corrective action. Documenting the properly performing assets are critical for meeting regulatory & safety requirements, ensuring optimal performance to maintain cost-effective operations, and benchmarking the system for continuous improvement via Six Sigma or other initiative.

FALCONEER™ IV Process Performance solution is designed to make your plant smarter, safer and more profitable. This software suite comprises a single source means for complete, multi-level real-time auditing and diagnosis of manufacturing and environmental process performance. It continuously audits plant operation to identify areas and assets (instrumentation, control loops, equipment, unit operations, etc.) that are not performing properly. FALCONEER™ IV thus provides rapid advising of dangerous process conditions, poor efficiency, high costs, failing equipment. It also provides timely information for improved reliability, process optimization, product quality improvement, cost reduction and critical business (financial, operations, etc.) process reporting & evaluation. A patent-pending innovation designed into this technology reduces the cost, time, and resource commitment required to install and maintain these applications, allowing for a quick return on investment. FALCONEER™ IV can operate either as a standalone system or run as a web service with advice and information screens as web clients capable of messaging to pagers, cell phones, etc. This flexibility allows it to be directly incorporated into most common distributed control systems and ERP systems.

The key benefits of a performance auditing system are a more efficient plant, improved reliability & safety, and increased profitability. These benefits are realized in two ways:

1. The most immediate benefit comes from proactive and preventative actions based on performance auditing results. Identifying non-optimal conditions as they begin to occur or problems and failures as they are about to happen will allow for rapid corrective action that may prevent or mitigate the economic, environmental, and safety consequences.
2. Longer-term benefits are obtained through improved process & equipment performance after correction actions based on the performance auditing results. Troubleshooting time is reduced. Difficult problems, or multiple cause problems, are more readily diagnosed. Engineering, maintenance, and operations resources are focused where they are most needed and provide the biggest economic payback.

FALCONEER™ IV patent-pending, cost-effective technology is guaranteed to provide payback on the investment of one to two years or less. ***It's not WHAT you know but WHEN you know it*** that will save the company time and money.