PLANT ESP

Makes Plant-Wide Optimization Easy

Capitalizes on Existing Plant Assets

Facilitates Continuous Improvement

Monitoring Solutions

Staying on top of performance issues and prioritizing corrective actions can be challenging.

PlantESP™ makes it easy.

Tuning Solutions

Noise, oscillations and other common process dynamics cause most tuning products to fail.

Loop-Pro™ is different.

Service Solutions

Improving your staff's capabilities and optimizing your plant's processes can be challenging.

Our experts can help.

The Problem:

Right now roughly 65% of your facility's regulatory control loops are underperforming. They are wasting energy and feedstock, and they are negatively impacting both product quality and plant safety. With 100s if not 1,000s of control loops at a typical facility, your production staff are hard pressed to identify control loops that have degraded let alone to isolate the associated root-causes and to determine an appropriate corrective action.

The Solution:

PlantESP makes it easy to both improve and maintain controller performance throughout your facility. PlantESP keeps a constant watch for performance issues and it equips your staff with timely notification of changes to production control. PlantESP applies a battery of KPIs and diagnostic tools to uncover insights that other technologies overlook. It recommends appropriate corrective actions and accelerates the resolution of performance issues. With the insight to see issues and the tools to fix them, PlantESP equips your production staff to optimize production performance.

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Simplify the optimization of your plant:
Access simple, actionable answers for correcting your plant's process control challenges. Quickly pinpoint changes that negatively impact production. Easily drill down for validation and recommendations.

Achieve and maintain performance goals:
Shift from reactive maintenance to proactive optimization. Eliminate guesswork with the help of comprehensive and current analysis. Utilize information to accelerate issue identification and resolution.

Get the most out of existing resources:
Hidden in your historical data are countless opportunities to improve performance. Use those findings to enhance efficiency and throughput. Leverage insights to extend the life of costly production assets.

Are you struggling to maintain optimal control loop performance?
PlantESP makes it easy.

Rapid installation and configuration:
- Easily connect to your historian using pre-configured APIs.
- Benchmark all of your plant's loops in a matter of hours.
- Automatically adjust benchmarks as performance improves.

Timely and actionable information:
- Remain aware of changing performance with alerts.
- Customize reports to meet your unique data needs.
- Prioritize all information based on economic impact.

Performance metrics that matter:
- Uncover full range of process issues using select KPIs.
- Differentiate mechanical, tuning, and interaction issues.
- Gain clear perspective using intuitive gauges and trends.

Tools for advanced investigation:
- Optimize performance using everyday Set Point changes.
- Understand the relationship between PID control loops.
- Isolate the origin of issues with powerful analytics.

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