

# DeltaV™ InSight Consulting Service

## Service Description

The DeltaV InSight Consulting Service helps jump-start customers in capitalizing on a powerful new technology to improve control performance for increased quality, lower costs, and improved availability.

A combination of control performance consulting, setup verification, hands-on training, demonstration, and selected loop tuning provides customers a solid foundation for ongoing control performance improvement with DeltaV InSight.

Consulting engagements are conducted by senior control performance consultants with in-depth process control expertise and extensive experience in complex process troubleshooting.

## Service Objectives

- Ensure that DeltaV InSight is best applied for the most significant and immediate impact
- Identify process improvement opportunities using DeltaV InSight
- Train and accelerate customer knowledge on effective ongoing use of DeltaV InSight

## Typical Situations

- Have invested in DeltaV InSight and would like initial expert guidance and assistance to verify its effective application and use
- Wish to accelerate experiencing DeltaV InSight through hands-on direction with a Control Performance expert working on actual plant control improvement opportunities.
- Would like assistance to commence a control improvement program using DeltaV InSight

## Scope of Service

- Identification, prioritization, and selected troubleshooting of control improvement opportunities
- Verification of proper DeltaV InSight setup and advanced configuration of options such as automatic generation of reports
- Half-day DeltaV InSight training session reviewing general functions and capabilities, configuration and setup, process modeling background, and loop performance monitoring
- Evaluation of initial DeltaV InSight process data collected
- Demonstration of the use of tuning tools on actual plant process control loops
- Recommendations on DeltaV InSight customer short-term actions

## Deliverables

- Onsite consulting and formal assessment by a senior Emerson control performance consultant
- DeltaV InSight training session with selected tuning on actual plant control loops
- Report briefing documenting results, analyses, and recommendations

## Service Activities

- **Information gathering**—Prior to onsite work, an Emerson consultant will review a list of base plant information for preliminary analysis. Remote assistance to ensure DeltaV InSight “Learning” mode is properly activated is also available.
- **Business driver review**—A review of plant operations and a process walk-through will be performed with a focus on control applications that are critical to profitability.
- **Opportunity identification**—A survey of the current state of the plant’s control loops will be performed using DeltaV InSight tools.
- **Training and demonstration**—A DeltaV InSight training session will be held with hands-on analysis of actual plant control loops.
- **Preliminary findings review** – While on-site, recommendations will be made that can be applied in the short term, including tuning changes and improvements to instrumentation and control valves.
- **Offsite analysis and report** - A summary report to document results, analyses, and recommendations will be generated.
- **Report transmittal and follow up** – A summary report will be delivered and follow-up meeting scheduled to review and discuss the report.

## Service Duration

A typical DeltaV InSight Control Performance Service engagement can take two days onsite and one week for the completion of a report. However, as each study will be customized to specific needs and situations, the duration will vary, depending on scope and complexity.

## Service Ordering

Please contact your local Emerson sales office to retain this service. Prior to order acceptance, Emerson will issue a written proposal for your review and approval to ensure that scope, deliverables, timing, and budget meet your needs and expectations.

For additional information, you can reach us at [AAT@emersonprocess.com](mailto:AAT@emersonprocess.com)

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