

LEARNING PATH

Engineers & System Administrators

Core Competencies

- **Continuous: 7009, DeltaV Implementation I**
- **Batch: 7009, DeltaV Implementation I and 7016, DeltaV Systems Batch Implementation**
- **Administrators: 7024 DeltaV Systems Administration XP/Server 2003 or 7027 DeltaV Systems Administration Windows 7/Server 2008**

Additional Competencies

- **7201, DeltaV Advanced and 7202, DeltaV Model Predictive Control**
- **7037, Communication Interfaces with the DeltaV System**
- **7032, FIELDBUS Systems & Devices**
- **7018, DeltaV Hardware & Troubleshooting**
- **7020, AMS Device Manager**
- **7021, AMS Device Manager with Rosemount HART**
- **7035, Practical Implementation of FOUNDATION™ fieldbus**
- **7038, AMS Device Manager with FOUNDATION™ fieldbus**
- **7017, DeltaV Implementation II**
- **7025, DeltaV Advanced Graphics**
- **7045, Alarm Management with DeltaV Analyze**
- **7305, DeltaV SIS Implementation**
- **EV113, DeltaV v11.3 New Features**

Managers

Core Competencies

- **7101, PlantWeb/DeltaV Introduction**
- **7301, DeltaV SIS Overview**

Plant Operators

Core Competencies

- **Continuous: 7012, DeltaV Operate Interface for Continuous Control or e7012, Elearning: DeltaV Operator Interface for Continuous Control**
- **Batch: 7014, DeltaV Operator Interface for Batch**
- **DeltaV Operator Training Solutions (OTS)**

Maintenance Technicians

Core Competencies

- **7018, DeltaV Hardware & Troubleshooting**

Additional Competencies

- **Continuous: 7009, DeltaV Implementation I**
- **Batch: 7016, DeltaV Systems Batch Implementation**
- **7030, Fieldbus Devices**
- **Buses: 7032, FIELDBUS Systems & Devices or 7037, Communication Bus Interfaces with the DeltaV System**
- **5590, Power and Grounding for Electronic Systems**
- **7303, DeltaV Safety Instrumented Systems (SIS) Maintenance**

To enroll in DeltaV courses or for more information, please call:
800-338-8158 or 641-754-3771

PlantWeb/DeltaV Introduction

Course 7101 CEUs: 2.1

This course is for individuals needing an introduction to the technology and concepts used in the new generation of process control systems.

Overview

Students who complete this 3-day course will be able to:

- use and apply PlantWeb terminology and acronyms
- understand the functions of DeltaV hardware components
- understand the capabilities of DeltaV software applications
- understand the Foundation™ fieldbus technology
- understand AMS Device Manager software
- understand OPC

Perform basic workstation operations including accessing displays, interpreting faceplates and accessing modules to make process changes, responding to alarms and observing/changing tunable configuration parameters.

Prerequisites

None.

Topics

- DeltaV System Description
- Analog Control Modules
- Discrete Control Modules
- FOUNDATION™ fieldbus
- AMS Device Manager
- OPC

Price \$2,000

Location

Austin, TX

Start Date 2012

3/13, 11/6

DeltaV Implementation I

Course 7009 CEUs: 3.2



This course is designed for individuals responsible for configuring and commissioning a DeltaV system.

Overview

This 4-1/2 day course covers a complete DeltaV system implementation. The student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.

Prerequisites

Microsoft Windows experience. It is recommended that prospective attendees new to process Automation Systems attend PlantWeb/ DeltaV Introduction, Course 7101, or DeltaV Hardware & Troubleshooting, Course 7018

Topics

- System Overview
- DeltaV Explorer
- Control Modules
- Control Studio
- Motor Control
- Regulatory Control
- DeltaV Operate
- System Operation
- Alarms & Process History View
- Sequential Function Charts
- Phase Logic Modules
- Security

Price \$2,875

Location	Start Date 2012
Austin, TX	1/16, 1/23, 2/6, 2/20, 3/5, 3/19, 3/26, 4/23, 5/7, 5/21, 6/4, 6/18, 7/9, 7/23, 8/6, 8/20, 9/10, 9/24, 10/8, 10/22, 11/5, 11/26, 12/10
Edmonton AB	1/16, 2/13, 3/19, 4/16, 5/14, 6/18, 7/23, 8/27, 9/24, 10/22, 11/19, 12/10
Calgary, AB	6/25
Burnaby, BC	10/15
Saskatoon, SK	6/4
Virtual Classroom	1/30, 4/9, 6/4, 11/26

DeltaV Systems Batch Implementation

Course 7016 CEUs: 3.2



This course is designed for individuals responsible for configuring and commissioning DeltaV Batch software.

Overview

This 4-1/2 day course covers the implementation of a complete batch application. A process simulator will provide a batch application. Students will use DeltaV Batch software to configure recipe entities including, Aliasing, Equipment Trains, Dynamic Unit Allocation, Phase Logic, Operations and Unit Procedures. Equipment entities will also be configured including, Units modules and Process cells.

Prerequisites Course 7009, DeltaV Implementation I

Topics

- Batch Overview
- Unit Phase
- Alias Definition
- Unit Module
- Process Cell
- Class Based Control Modules
- Class Based Equipment Modules
- Operation
- Unit Procedure
- Procedure
- Equipment Trains
- Unit Aliasing
- Dynamic Unit Allocation

Price \$2,875

Location	Start Date 2012
Austin, TX	2/13, 6/25, 10/1
Virtual Classroom	7/9

DeltaV Implementation II

Course 7017 CEUs: 3.2



This sequential course is for users that have completed course 7009.

Overview

This 4-1/2 day course is for process control engineers responsible for configuring the DeltaV system. Advanced topics will be covered including displays, function blocks, and configuration tips.

Prerequisites

Course 7009, DeltaV Implementation I

Topics

- Function Block Structure
- HART Inputs and Outputs
- Analog Control Blocks
- DeltaV Tune with InSight
- Device Control Options
- Class Based Control Modules
- Expressions
- Unit Alarms
- Multi-Dimensional (Array Parameter)
- Equipment Modules
- Display Environment
- Custom Faceplates
- Custom Dynamos

Price \$2,875

Location	Start Date 2012
Austin, TX	1/30, 3/26, 6/25, 8/27, 10/15, 12/3
Edmonton, AB	2/27, 4/23, 6/4, 8/13, 10/1, 12/3
Saskatoon, SK	9/17
Burnaby, BC	4/23
Virtual Classroom	5/7, 9/10



Virtual Classroom Available

Introducing Virtual Classroom, details on page 81. Courses can be arranged to fit your schedule.

On-Site Training can also be scheduled in your area or at your site. Please call to discuss options at 800-338-8158 or 641-754-3771.

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DeltaV Advanced Graphics

Course 7025 CEUs: 3.2



Overview

This 4-1/2 day course is for process control engineers responsible for configuring advanced functionality in the DeltaV user interface. This course expands on graphic topics covered in both the DeltaV Implementation course 7009 and DeltaV Implementation II course 7017.

Prerequisites

Course 7009, DeltaV Implementation I

Topics

- Visual Basic Primer
- Forms
- Modules
- Schedules
- User Preferences
- Picture Sizing
- Environment Customization
- Custom Faceplates
- Function Block Faceplates
- FRS Functions
- Pop Up Menus
- Color Threshold Tables
- Custom Dynamos
- Tag Groups
- Key Macro Editor

Price \$2,900

Location **Start Date 2012**

Austin, TX	4/23, 10/29
Edmonton, AB	5/7, 10/29
Burnaby, BC	10/22
Virtual Classroom	Call to Schedule



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Alarm Management Best Practices DeltaV Systems

Course 7045 CEUs: 2.1



This course is for personnel who will be involved in the design, implementation, and maintenance of an alarm management system.

Overview

This 3-day Virtual Classroom hands-on instructor led course covers the alarm management lifecycle model, alarm philosophy, analysis of alarm system performance, alarm rationalization and alarm design as they apply to a DeltaV system. Students will learn techniques for implementing an alarm management system compliant with ISA-18.2 Management of Alarm Systems for the Process Industries and EEMUA 191 Alarm Systems: A Guide to Design, Management and Procurement. Application of these techniques leads to increased operator effectiveness and less downtime through the elimination of nuisance alarms and alarm floods, increased operator confidence in the alarm system, and the immediate availability of operator alarm response instructions.

Prerequisites

Course 7009, DeltaV Implementation I or Course 7101 PlantWeb/DeltaV Introduction

Topics

- ISA-18.2 and EEMUA-191 Alarm Standards; Required and Recommended Good Engineering Practices
- Nuisance Alarm Identification and Measuring Alarm System Performance Using DeltaV Analyze
- DeltaV Alarm System Capabilities, Configuration and Presentation
- Discussion of Human Centered HMI Design to Optimize Operator Situational Awareness
- Alarm Design Including Conditional Alarming and Shelving
- Discussion of Enhanced and Advanced Alarm Methods
- In-Context Operator Guidance Using DeltaV Alarm Help
- Guidance for Alarm Philosophy Creation; Establishing a Firm Foundation for Alarm System Management
- Rationalization of DeltaV Alarms Using Exida SILAlarm™ to Ensure Every Alarm is Needed, Aligned with the Philosophy, and Documented.

Price \$2,250

Location **Start Date 2012**

Virtual Classroom	1/24, 6/19
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DeltaV Advanced Control

Course 7201 CEUs: 3.2



Overview

This 4-1/2 day course introduces students to the advanced control tools available within DeltaV and how they may be used to improve plant operations. The principal technology that is utilized in each product will be discussed. The areas of improvement that may be achieved will be detailed. Also, each student will gain hands on experience with these tools in class exercises based on realistic process simulations.

Prerequisites

Courses 7101, PlantWeb/DeltaV Intro. or 7009, DeltaV Implementation I or equivalent field experience.

Topics

- The Control Foundation in DeltaV
 - Traditional Tools e.g. Override, Cascade, Ratio
 - Improvements Provided by Advanced Control
- DeltaV Inspect with InSight
 - Detection of Abnormal Conditions
 - Performance Indices
 - Performance Reports
- DeltaV Tune with InSight
 - Tuning Response
 - Process Learning
 - Adaptive Tuning
 - Adaptive Control
- DeltaV Fuzzy
 - Principles of Logic Control
 - FLC Function Block, Tuning
- DeltaV Predict
 - MPC for Multi-Variable Control
 - Model Identification, Data Screening
 - Simulation of Response, Tuning
- DeltaV Neural
 - Creation of Virtual Sensor
 - Data Screening, Training
- DeltaV Simulate Suite
 - Process Simulation
 - Simulate Pro

Price \$3,000

Location **Start Date 2012**

Austin, TX	4/16, 10/1
Virtual Training Available, Call to Schedule.	

DeltaV Model Predictive Control**Course 7202 CEUs: 2.1****Overview**

This 3-day course is designed for process and control engineers who are applying DeltaV Predict and Predict Pro. It provides practical examples of how to determine the benefits of MPC application and how this control may be used to meet specific application requirements. Students will gain hands on experience through lab exercises based on realistic dynamic process simulations.

Prerequisites

7201 DeltaV Advanced Control

Topics

- How to Justify an MPC Project
 - Evaluating the Cost of Process Variation
 - Estimating the Reduction in Variation that is Possible Using MPC
 - Calculating the Benefit of Maximizing Throughput When Plant Production is Restricted by Input Limits or Measurable Constraint
- Meeting Application Requirements
 - Insuring Disturbance Inputs are Independent of Other Process Inputs
 - Meeting Control Requirements when the Response Times are Very Different
 - Understanding the Design and Testing of an Integrating Process
- Tailoring Control Performance
 - Placing more Emphasis on Selected Control or Constraint Parameters
 - Improving Control Performance when the Process is Deadtime Dominant
 - Compensating for Large Changes in Process Gain or Dynamics
 - Minimizing the Impact of Process Noise on Control Performance
- Predict Pro- Applying Predict Pro on Large Processes; - Optimizing with Predict Pro

Price \$2,275**Location**
Austin, TX**Start Date 2012**
Call to Schedule

Virtual Training Available, Call to Schedule.

DeltaV Operate for PROVOX**Course 7060 CEUs: 2.8**

This course is designed for process control engineers and senior maintenance technicians, using the DeltaV Operate for PROVOX console with either SR90 or SRX Controller and using ENVOX to configure the controller and console as well as creating the console displays.

Overview

This 4-day course will cover the complete hardware and software implementation for the DeltaV Operate for PROVOX console. Upon completion of this course the student will be able to install the hardware and define system capabilities, define nodes configure the system for continuous control, operate the system and define users and security.

Prerequisites

Any one of the following courses: 5360, 5370 or 5390.

Topics

- DeltaV Operate for PROVOX Console Hardware and Software Overview
- DeltaV Operate for PROVOX Common Console Configuration Using ENVOX
- DeltaV Architecture and Data Structure
- Operating the DeltaV Operate for PROVOX
- Display Configuration
- User Definition and Privileges
- Event Journal
- Software Installation Guidelines
- Hardware Installation Guidelines

Price \$2,750**Location**
Austin, TX**Start Dates 2012**
Call to Schedule**Virtual Classroom Available**

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DeltaV Implementation for System Integrators

Course 7070 CEUs: 2.8

Overview

This 4-day course is designed for System Integrators configuring and commissioning DeltaV automation systems in a continuous environment. This course covers the implementation of a DeltaV system used in continuous processes. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users & security.

Prerequisites

Microsoft Windows

Topics

- System Overview
- Explorer
- Control Modules
- Control Studio
- Motor Control
- Regulatory Control
- Workspace
- System Operation
- Alarms & Process History View
- Sequential Function Charts
- Phase Logic
- Security

Price \$3,950

Location

Austin, TX

Start Date 2012

5/29



DeltaV Batch Implementation for System Integrators

Course 7071 CEU's: 2.8

Overview

This 4-day course is for System Integrators configuring/commissioning DeltaV automation systems in a batch environment. It covers the implementation of a batch application. A process simulator will provide a batch application. Students will use DeltaV Batch software to configure recipe entities including, Aliasing, Phase Logic, Operations & Unit Procedures. Equipment entities will also be configured: Unit modules and Process cells.

Prerequisites Course 7070

Topics

- Batch Overview
- Unit Phase
- Alias Definition
- Unit Module
- Process Cell
- Operation
- Unit Procedure
- Procedure
- Unit Aliasing

Price \$3,950

Location

Austin, TX

Start Date 2012

9/4

Communication Interfaces with the DeltaV™ System

Course 7037 CEUs: 2.5

This course is for individuals responsible for interfacing with DeviceNet, AS-i, Profibus DP HART and serial communication busses to a DeltaV™ scalable system.

Overview

This 3-1/2 day course covers the integration of fieldbus compliant devices using DeltaV systems. Upon completion of the course the student will be able to install, configure and verify proper operations of AS-i, Profibus DP, DeviceNet and HART devices, including proper wiring practices. The AMS Intelligent Device Manager will be used to configure HART instruments.

Prerequisites

Course 7009, DeltaV Implementation or Course 7018, DeltaV Hardware and Troubleshooting. The 375 Field Communicator will be available for the students.

Topics

- HART Overview
- Configuring DeltaV Control Modules with Wired HART
- Configuring HART Device with AMS Intelligent Device Manager and/or Rosemount 375 Handheld Communicator
- Serial Interface Overview
- Configuring DeltaV and Serial Interface Card
- Actuator Sensor Interface (AS-i) Overview
- AS-i: Wiring and Installation
- Assembling and Configuring AS-i Network with DeltaV
- Profibus DP Overview

Price \$2,050

Location

Austin, TX

Edmonton, AB

Start Date 2012

10/15

2/27, 10/9

eLearning: DeltaV 11.3 Features**Course eV11.3 CEUs: 1.0****Overview**

Gain access to 24 separate technical training modules for an entire year covering the new DeltaV v11.3 technologies. Training includes the new Human Centered Design features and how to implement.

Available via the internet, this training package helps you keep your training level and knowledge of the DeltaV platform current. The program also provides 1.0 CEU without travel or prerequisites.

Each learning module provides insight and clarity into the new features and functions available in the DeltaV v11.3 software.

This training helps ensure you leverage your technology investment and understand the capabilities of the tools at your disposal.

Address the greatest challenge to staying current in difficult economic times by utilizing this affordable and effective learning platform to discover the new features available from Emerson's PlantWeb® technology.

Price \$200www.emersonprocess.com/education**Quick Links - Click to eStore: Blended Learning****DeltaV Systems Administration XP/Server 2003****Course 7024 CEUs: 3.2****Overview**

This course is designed for system administrators that will be installing, commissioning and implementing a DeltaV system running on the XP operating system and Windows Server 2003. The course is 4-1/2 days in length.

Prerequisites

Course 7009, DeltaV Implementation I, or Course 7018, DeltaV Hardware and Troubleshooting

Topics

- Overview/Review of System Components and Topologies
- Installation Checklist of the XP Operating System
- Installation of the DeltaV Software Components
- DeltaV Control Networks
- DeltaV Domains and Workgroups
- Users and Securities
- Upgrading Hardware and Software
- Backup and Restore Procedures
- Importing/Exporting
- Process Historian Administration
- DeltaV Zones

Price \$2,900**Location**
Austin, TX**Start Date 2012**
5/7**DeltaV Systems Administration - Windows 7/Server 2008****Course 7027 CEUs: 3.2****Overview**

This 4-1/2 day course is designed for system engineers and administrators responsible for installing, commissioning, and managing a DeltaV system running on the Windows 7 operating system and Windows Server 2008.

Prerequisites

Course 7009, DeltaV Implementation I, or Course 7018, DeltaV Hardware and Troubleshooting

Topics

- Overview/Review of System Components and Topologies
- Installation Checklist of the Windows 7 and Windows Server 2008 Operating Systems
- Installation of the DeltaV Software Components
- DeltaV Control Networks and Remote Access
- DeltaV Domains and Workgroups
- User Administration and Network Security
- Upgrading Hardware and Software
- Backup and Restore Procedures
- Importing/Exporting
- DeltaV Zones

Price \$2,900**Location**
Austin, TX**Start Date 2012**
1/9, 3/5, 4/9, 6/4, 9/10,
11/26

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DeltaV Hardware & Troubleshooting

Course 7018 CEUs: 2.8

This course is recommended for instrumentation and maintenance technicians, managers, and configuration engineers who need to know about DeltaV hardware. It provides an overview of the DeltaV Control Network, M- and S-series hardware, and software applications. Upon completion, you will be familiar with the hardware and be able to perform troubleshooting techniques.

Overview

This 4-day course focuses on the hardware components that make up the DeltaV system: M-series controllers and I/O, S-series controllers and I/O (including CHARMS), and DeltaV Smart Switches. Using a combination of lectures and workshops, you will learn how to use operator and diagnostic tools to identify and locate hardware-related fault conditions. Workshops provide the opportunity to disassemble and reassemble the M- and S-series hardware and return the system to an operating state. If your systems include bus technologies such as Foundation Fieldbus, we recommend courses 7030, 7032, or 7037. The 7018 course satisfies the prerequisite requirement for these bus courses.

Prerequisites Windows Experience

Topics

- DeltaV Overview
- Operator Alarms
- DeltaV Diagnostics
- DeltaV Smart Switches
- DeltaV I/O Cards and Carriers
- Controllers
- Power Supplies
- Electronic Marshalling (CHARMs)
- HART I/O
- DeltaV and AMS Intelligent Device Manager
- Redundant I/O

Price \$2,800

Location	Start Date 2012
Austin, TX	1/16, 2/13, 4/16, 6/18, 7/30, 9/17, 10/15, 12/3
Edmonton, AB	1/23, 3/26, 5/28, 7/16, 9/10, 11/12
Saskatoon, SK	2/6
Calgary, AB	4/2
Burnaby, BC	3/12
Fort McMurray, AB	4/9, 7/23

Power and Grounding for Electronic Systems

Course 5590 CEUs: 1.4

This 2-day course is designed for personnel involved with the planning, installation and maintenance of DeltaV digital automation system and provides essential knowledge regarding the power and grounding system for DeltaV equipment.

Overview

This course focuses on specific power and grounding requirements of a control system. You will learn:

- how to conduct site verifications
- how to audit using "hands-on" testing labs
- to detect power and grounding problems on existing sites

Prerequisites

A working knowledge of electronics and AC power basics is suggested.

Topics

- Review of Power Basics
- Power System Measurements
- Low Voltage Power Systems
- Power System Grounding
- Earthing vs. Grounding
- Connection to Earth
- Equipment Grounding
- Code Requirements
- Building Power Distribution
- Feeders and Branch Circuits
- Separately Derived Systems
- Power & Grounding for the DeltaV System
- Single Point Grounding
- Isolated Ground Installations
- Dedicated Circuits
- DC Grounding
- Verifying New Installations
- Power Quality Problems
- Applying Power Conditioning
- SIS Power and Grounding Installation

Price \$1,525

Location	Start Date 2012
Austin, TX	4/9, 10/22

DeltaV Operator Interface for Continuous Control

Course 7012 CEUs: 1.4



This course is for operators, supervisors and managers responsible for the operation of continuous processes using DeltaV system.

Overview

This 2-day course uses lectures and hands-on workshops to provide an in-depth overview on operating the DeltaV System. Students who complete this course will:

- access operator displays
- manipulate various control module operating parameters to operate the process
- respond to process alarms
- monitor process performance
- view real-time and historical trend data

Topics

- System Overview
- Accessing DeltaV Operate Window, Menus Displays and Directories
- Discrete and Analog Control Module Operation
- Accessing Alarm Displays/Alarm Handling
- Motor Control Module Operation
- Regulatory/Cascade Control Module Operation
- Accessing Real-time/Historical Trend Data
- Unit Alarms
- Sequential Function Chart Operation
- Phase Logic Modules

Price \$975

Location	Start Date 2012
Austin, TX	Call to Schedule
Edmonton, AB	Call to Schedule

Virtual Training Available, Call to Discuss.

eLearning: DeltaV Operator Interface for Continuous Control

Course e7012 CEUs: 1.42



Audience

Operators, supervisors and managers responsible for the operation of continuous processes using the DeltaV system. This is an interactive on-line course with DeltaV screens including audio presentations, demonstrations, practice sessions, workshops, quizzes and a final examination. The average time to complete the course is 12 hours.

Topics

- DeltaV System Overview
- Operating Analog Modules
- Alarms and Events
- DeltaV Trending

www.emersonprocess.com/education

Quick Links - Click to eStore: Blended Learning

Price \$600



DeltaV Operator Interface for Batch

Course 7014 CEUs: 1.8



This course is for operators, supervisors, and managers responsible for the operation of batch processes using DeltaV system.

Overview

This 2-1/2 day course uses lectures and hands-on workshops to provide an in-depth overview on operating the DeltaV System. It includes all content in course 7012 plus students will:

- understand basic batch terminology
- manipulate Unit Module parameters
- access the Batch Operator Interface
- run procedures
- review batch history data

Topics

- System Overview
- Accessing DeltaV Operate
- Window, Menu Displays and Directories
- Discrete, Analog, Regulatory and Cascade Control Module Operation
- Motor Control Module Operation
- Accessing Alarm Displays/Alarm Handling
- Accessing Real-time/Historical Trend Data
- Accessing Process History View
- Sequential Function Chart Operation
- Phase and Recipe Controls
- Batch Operator Interface
- Batch Historian
- Campaign Manager

Price/Location/Start Date: Call to Discuss

Virtual Training Available, Call to Schedule.

DeltaV Operator Training Simulation (OTS)

Overview

DeltaV Operator Training Simulation (OTS) is an engineered, hands-on, process-specific learning environment designed to up-skill our customers' operations workforce. DeltaV OTS exposes operators to what they will experience in their actual control room. This enables operations personnel to gain experience in an off-line, non-intrusive environment. Operators will learn DeltaV operating concepts while learning their actual process in preparation to effectively handle incidents or process upsets. The ability to practice how to handle potential incidents in a simulation environment is invaluable.

The OTS training solution is not only key to preparing operations personnel prior to the start-up of new automation projects. It's an ongoing tool to train future operators, a great refresher tool and a platform for more advanced training for current operators.

DeltaV OTS includes the following key deliverables:

- Self-Guided Custom Curriculum Based on the Customer's Configuration and actual displays
- DeltaV Training Simulators that include both hardware and software that operate the customer configuration in a simulated environment
- Student Testing that includes realistic failure scenarios that record actual operator responses

Key tangible savings and benefits include:

- Quicker, Smoother Start-Ups
- Reduced Operator Error
- Product Loss Reduction/Elimination
- Improved Product Quality
- Regulatory Violation Reduction/Elimination
- Reduce Incident Reporting
- Operator Acceptance and Endorsement to Change Management

To discuss OTS and simulation contact us at OTS@EmersonProcess.com

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