

Course Description

AR103

Inform IT Enterprise Historian for HP-UX

Course Goal

The goal of this course is to teach students to configure and operate the Inform IT Enterprise Historian (HP-UX based).

Course Objectives

Upon completion of this course students will be able to:

- Configure and operate the Enterprise Historian as a collection node on an ABB control network.
- Configure and operate the Enterprise Historian as a consolidation node on a plant network.
- Configure historical storage of real-time data for ABB MOD300.
- Configure historical storage of System Messages and alarms for ABB MOD300.
- Configure Dual Logs for data security.
- Configure Logs for distribution to a consolidation node.
- Configure Archiving for longer term data storage.
- Use the Display Client to call up and operate predefined Displays.
- Use the Data Direct Client to retrieve runtime and historical data into Microsoft Excel.
- Configure Reports and Reports Logs.
- Scheduling Report execution.
- Making Reports Accessible on the Web.
- Access History data using SQL.
- Perform maintenance strategies for the Enterprise Historian.
- Troubleshoot the Enterprise Historian using techniques discussed in the History Services Administrator's guide.

Student Profile

The class is open to system, process and application engineers. Technicians may also enroll.



Main Topics

- Inform ^{IT} Enterprise Historian Overview
- Definition of collection and consolidation nodes
- Connections to ABB and Third Party systems overview
- Installation and Post-Installation
- System Configuration and Administration
- History Services Configuration and Operation
- History Archiving Configuration and Operation
- Display Services Configuration and Operation
- Installing DataDirect client software
- DataDirect Configuration and Operation
- Report Configuration and Runtime Operation
- SQL Access to History Data
- System Maintenance and Troubleshooting

Prerequisites and Recommendations

Students attending this course should have basic knowledge of plant processes, TCP/IP, HP-UX and Ms Windows operation and administration.

Course Duration

The duration is 5 days.

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Course Schedule

Día 1	Día 2	Día 3	Día 4	Día 5
<ul style="list-style-type: none">■ Course information■ Training equipment presentation■ Inform IT Overview■ Connections to a Control System■ Installation guidelines■ History Services	<ul style="list-style-type: none">■ Review - Q/A session■ History Services■ History Archiving	<ul style="list-style-type: none">■ Review - Q/A session■ Data Direct■ Configuration and Operation■ Display Services■ Operation	<ul style="list-style-type: none">■ Review – Q/A session■ Report Configuration■ Report Scheduling	<ul style="list-style-type: none">■ Review – Q/A session■ SQL access of History■ Data■ System Administration and Troubleshooting

ABB S.A

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