HanPrism

System Administration Course: Basic

COURSE DESCRIPTION

Through this course you will be given an overview on how to install, configure, and manage each part of the HanPrism system including the Gateway, Data Manager, HanPrism Server, and HanAra Proxy. You will learn how to configure the Gateway to collect data from various plant data sources and transfer the data to the HanPrism servers for archiving. You will also learn how to check the data processing status in the Data Manager and how to handle data before saving in the historian storage engine. This course will guide you on how to build the HanAra Proxy system to access data from all HanPrism servers. And it will also cover how to manage and control HanPrism Server services.

WHO SHOULD TAKE THIS COURSE

This course is for system administrators, plant engineers, and those who will manage the HanPrism system.

PREREQUISITES

- Working knowledge of Microsoft Windows OS
- Working knowledge of the existing network architecture
- Working knowledge of Winows Server environment
- Working knowledge of site information management system

COURSE TOPICS

CONTENT	DESCRIPTION
HanPrism SYSTEM ARCHITECTURE	• Introduction to the HanPrism system • HanPrism system architecture design and process flow • HanPrism system components and their communication • Historian data storage and operation
HanPrism SERVER MANAGEMENT	• HanPrism Services and Controls • Data source connection and status • Data Manager and functionality and configuration • HanPrism database management • Installing and configuring the HanAra Insight Web server • Installing and configuring the HanAra Mobile server
HanPrism GATEWAY	• Gateway functionality • Signal Management • OPC server connections and plug-in drivers • Data links to transfer data in multi-layer and multi-link architecture • Data source connection and status • Data buffering and recovery • Data loss compensation • Redundant configurations
HanPrism PROXY	• Proxy overview and architecture • Sub-server configuration • Tab management • Synchronizing tags to proxy server from HanPrism servers • Data source connection and status

To register for this course, please email: support@hanarasoft.com