ASSET PERFORMANCE MANAGEMENT

BENTLY NEVADA™ RANGER PRO USING SYSTEM 1™

Ranger Pro Training, Basic Ranger Pro configuration and operation using the Ranger Pro Configuration software, the Gateway application, and communicating with System 1™ for analysis, display and reports.

Format

Duration: 14 hours **Schedule:** 2 Day(s) **Delivery:** Classroom

Who should attend

- Reliability, Condition monitoring engineers
- Users of System 1™ who have purchased Ranger Pro wireless
- Engineers involved in preventive maintenance and Operations

Objectives

Deploy, operate, and manage Ranger Pro wireless condition monitoring system in industrial plants.

Use gateways and Ranger Pro software with System 1™, learners will successfully install, operate, and maintain Ranger Pro sensors.

The participants will have hands-on knowledge to properly install and configure the Ranger Pro devices with one of the following gateways: the duration is designed for one gateway. Add 4 hours for each additional gateway.

Bently Nevada™ Ranger Pro Gateway

One gateway of your choosing; Add 4 hours for each additional gateway.

- Emerson Gateway
- Honeywell Gateway
- Yokogawa Gateway

Required Prerequisites

Students are expected to have a basic knowledge of one or more of the followings:

- Networking
- System and Instrumentation
- Machinery vibration
- Plant operation and maintenance

Recommended Prerequisites

Fundamentals of vibration measurements / ISO18436 Cat. I

Program Outline

Day 1

- Ranger Pro wireless sensor mounting and installation
- Ranger Pro battery installation
- Gateway deployment and configuration
- Provision and un-provision Ranger Pro sensors
- Customize Ranger Pro sensors
- Update Ranger Pro firmware
- Monitor Ranger Pro signal strength and network health
- Customize Ranger Pro Modbus export

Day 2

Ranger Pro Configuration Software

- Gateway manager and sensors views
- USB NFC Manager view
- Data collection settings
- Live and Preset views
- Data on Vibration, Data on Severity, Data on Demand
- Firmware manager

Ranger Pro deployment in System 1™

System 1™ Display of Ranger Pro data