

# Versatile Device Management Wizard FieldMate R3.02

**FieldMate**



FieldMate is PC software that adjusts, configures, and manages various field devices in a plant. FieldMate R3.02, the latest version, has improved functions to help customers perform maintenance work efficiently. The new FieldMate reduces the time for loop tests by one third compared with the previous version.

## USE CASE

The typical procedure of installing or replacing devices in a plant is as follows.

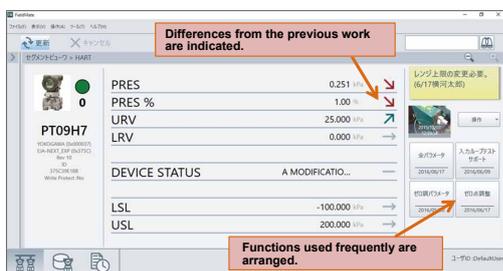
1. Checking the condition  
Check the information on the device for the present condition.
2. Configuration and adjustment  
Perform zero point adjustment and loop tests.
3. Collecting information  
Collect device maintenance information for reporting.
4. Generating reports  
Compile work results and submit as a report.

The functions of FieldMate R3.02 have been enhanced focusing on this flow of tasks to enable them to be performed more efficiently.

## MAJOR FEATURES

### ■ Home screen

The new home screen was designed based on feedback from field workers. Information and operations required for the work are arranged in line with the procedure. Maintenance staff can start work in the field immediately.



Home screen

### ■ Unified work style

When the device is configured or adjusted from different manufacturers or with different communication methods, users have to refer respective manuals and follow the instructions for each device. With the functional enhancement, FieldMate R3.02 offers the same display and setting method for any device regardless of manufacturer and communication method.

## MAJOR FUNCTIONS

### ■ Zero point adjustment

The environment and position of device installation often affect the measurement of field devices. Zero point adjustment is performed to correct this error. For Yokogawa's differential pressure/pressure transmitters, zero point adjustment can be performed simply by connecting FieldMate R3.02 to the target device and pressing the calibration button.

### ■ Loop test

Loop tests check whether device signals reach indicating controllers and control systems. Previously, different operations were needed to output test signals for each device. FieldMate R3.02 can output signals for loop tests with the same operation regardless of device manufacturer and model. FieldMate R3.02 can easily create and save test patterns, and retrieve them later.

### ■ Creating reports

FieldMate automatically saves operated contents and items displayed on the screen in the database. A new function can output these data for specified periods and devices. The output can be used for reporting and analysis. By using templates, reports can be prepared automatically based on the information.

## FUNCTIONAL EXPERIENCE

A free trial version and materials are available on the website for experiencing the functions.

### ● Free trial

A free trial version of FieldMate R3.02 is available on the website. Download it to your PC and connect the PC to a device. You can try out the same functions as the commercial version. Data saved with the trial version can be used after upgrading it to the commercial version.

### ● Features demo

These materials demonstrate the functions of FieldMate R3.02, helping to understand how it works.

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For worldwide locations, please see the back cover.

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