**Field Device Manager Express**

*Honeywell’s Field Device Manager (FDM) Express is a portable, affordable on-the-go solution for managing smart devices!*

**Field Device Manager Express** is a portable, on-the-go version of the award-winning Field Device Manager (FDM) solution for smart field instrument configuration and management. It provides many of the same features and benefits of FDM in an affordable and transportable package for Windows 7 desktop/laptop use.

With complete command and control of HART and Profibus smart instruments, FDM Express saves time and makes smart device management easier and more effective, wherever used.

**FDM Express Simplifies Maintenance Tasks**

FDM Express simplifies maintenance tasks by providing an intuitive user interface optimized for use by instrumentation engineers and technicians. Quick response and functional layout brings all device information and status to the user with just a few mouse clicks. Automatic device discovery means nothing to configure in advance. And device history provides a way to easily compare today’s configuration with last week’s or last month’s known setup.

**FDM Saves Time**

FDM Express is used to perform common tasks on instruments and can save considerable time when connected individually via a HART Modem or over a MUX or Profibus network. It simplifies and reduces effort normally involved in instrument debugging by providing clear and accurate status of the devices in the maintenance shop.

The Offline Configuration feature allows you to complete device configuration without the device being physically present. You can later download the configuration at the push of a button.

With FDM Express, no point engineering or database building is required. Simply pick the communication interface, and FDM automatically:

With FDM Express, you are ready to perform on-the-go smart device maintenance anywhere in the plant!
- Detects smart devices and adds them to the database
- Uses connected device information to automatically assign the proper device template
- Saves time by eliminating the need to build templates and assign them to devices
- Historizes data, allowing maintenance personnel incredible flexibility in comparing:
  - current, live device configuration against any history point,
  - any two history points for a device, or
  - current or history for any two like devices.

FDM Express provides other features that aid maintenance, such as document linking and device diagnostic detail.

Comparison of HART device configurations

FDM Express simplifies device commissioning and maintenance by providing an easy-to-use interface for common tasks. Wizard-like menu-driven methods easily guide you through common tasks like loop tests, calibration procedures and range updates. Then, FDM Express supports powerful and complex features, like control valve stroke tests, flow diagnostics, and drift analysis, with the same ease.

Open and Standards-Based

FDM Express supports both Electronic Device Description Language (EDDL) and Field Device Tool/Device Type Manager (FDT/DTM) technologies, two open industry standards for device integration. It provides a solution that works with registered HART and Profibus devices available worldwide.

EDDL files represent a common, well-known standard for device integration. They describe device functions and diagnostics, thereby providing full access to the smart device intelligence. For HART devices, EDDL files are available from device vendors or from the HART Communication Foundation, but the latest available EDDL library is included with FDM Express. FDM Express supports the latest EDDL enhancements, including advanced graphical features, data storage, windowing and data organization.

The HART capabilities of FDM Express are based on the HCF SDC 625 reference host standard, so devices registered with HCF are assured to work properly. In the rare case where an EDDL file is not immediately available, FDM Express provides “generic” device access to get you up and running quickly.

FDT/DTM (Field Device Tool/Device Type Manager) support in FDM Express enables the use of manufacturer-created specialized software (DTMs) for HART and Profibus devices as well as for gateways. DTM s are created for simple to complex devices and can provide advanced functionality which might not be as easily managed via EDDL files. A DTM can, for example, provide a rich graphical interface to simplify complex operations like valve setup and extensive troubleshooting. The FDT standard specifies the interface between the host software, like FDM Express, and the vendor-specific DTM s, and FDM Express provides the full benefit of the advanced vendor-created software in a familiar environment.

FDM Express supports easy addition of both EDDLS and DTM s into its library, eliminating the wait for a new software release when a new device or version is used. By transparently supporting both EDDL and FDT/DTM standards, FDM Express eliminates the need for multiple software tools.
A Flexible, Secure Environment

FDM Express provides a secure environment with password and log-in protection. Flexible role-based security allows user roles and privileges to be set up according to the plant’s specific procedures. FDM Express optionally supports single sign-on based on the Windows login ID of the user.

Powerful and Flexible

FDM supports the use of direct USB-connected HART modems for bench-top configuration tasks. FDM Express also works with HART devices connected via hardware multiplexer (MUX) networks or Profinbus connected networks and can manage up to 1000 devices.

Easy Migration

Points configured through FDM Express can easily be exported and used in the full-blown FDM plant system. In addition, the FDM Express Client can connect to the FDM plant system, providing unlimited possibilities in bridging the gap between the instrument shop and the plant.

Maximize the Benefits of Smart Instrumentation

FDM offers businesses these key benefits:

- **Versatility** – FDM Express supports all configuration and maintenance information available in smart instruments using both EDDL and DTM technologies, contributing to better efficiency and higher productivity.

- **Accessibility** – FDM Express provides full access to device parameters, configuration wizards and diagnosis procedures. Effective diagnostic information helps improve maintenance prioritization and plant reliability.

- **Predictability** – FDM Express helps troubleshoot problems by unlocking the power of smart instrumentation and making it available to the maintenance technician.

Model Numbers

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>HC-SVLPT1</td>
<td>FIELD DEVICE MANAGER EXPRESS &amp; WIN7 LTPK CGD</td>
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<tr>
<td></td>
<td>WIN 7 LAPTOP PACKAGE SPECIAL</td>
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<tr>
<td></td>
<td>INCLUDES BASE, 1 CLIENT, 32 POINTS, 1 MUX, 1 MODBUS, AND OFFLINE CONFIGURATION</td>
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<tr>
<td></td>
<td>EXPANSION USING HC-SVLXXX MODELS. WIN 7 LAPTOP OR DESKTOP USE ONLY</td>
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<tr>
<td>HC-SVL02</td>
<td>ADD BLOCK OF 32 POINTS TO FDM EXPRESS</td>
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<td>HC-SVL04</td>
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For More Information

Learn more about Honeywell’s Field Device Manager Express, visit our website [www.honeywell.com/ps](http://www.honeywell.com/ps) or contact your Honeywell account manager.