

## Technical Note

### SmartLine Transmitter Field Device Manager Plant Area Views



SmartLine Transmitters deliver a new level of efficiency and safety throughout the plant lifecycle either when operating stand-alone or when integrated with a process control system. For example, Honeywell's Field Device Manager supports SmartLine pressure transmitter data to efficiently monitor and maintain instrument health.

### Instrument Health Management

#### Overview

Industrial processes have increased in complexity over time requiring plants to employ many different types of instrumentation. This wide variety of installed devices can make it difficult to efficiently monitor and maintain instrument health. Good instrument diagnostics can help identify the nature of a problem, but do not help quickly identify and locate the targeted instruments. *FDM Plant Area View* is a tool within Honeywell's Field Device Manager (FDM) software which can help better manage device configurations and quickly identify the location of problematic devices.

#### FDM Plant Area Views

##### Field Device Manager

FDM is a software program also used with Experion PKS which facilitates field device configuration management. When using HART, Foundation Fieldbus or Profibus communications with your field device DDs, EDDs or DTMs, FDM provides a comprehensive ability to create and manage devices and their configurations.

##### Honeywell Enhances FDM with Plant Area Views

FDM Plant Area Views provide the added ability to set up and monitor device health in user-defined groups. The intuitive screens allow the user to quickly and easily identify health status by areas within the plant.

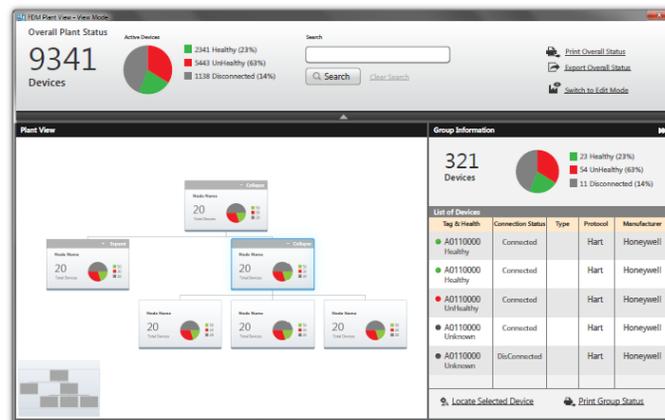


Figure 1: FDM Plant Area View Screen

FDM Plant Area Views can support up to six levels of user-defined areas within a plant or plants as follows:

- Plants
- Areas
- Process Cells
- Units
- Modules
- Devices

#### Be More Efficient and Reduce Costs

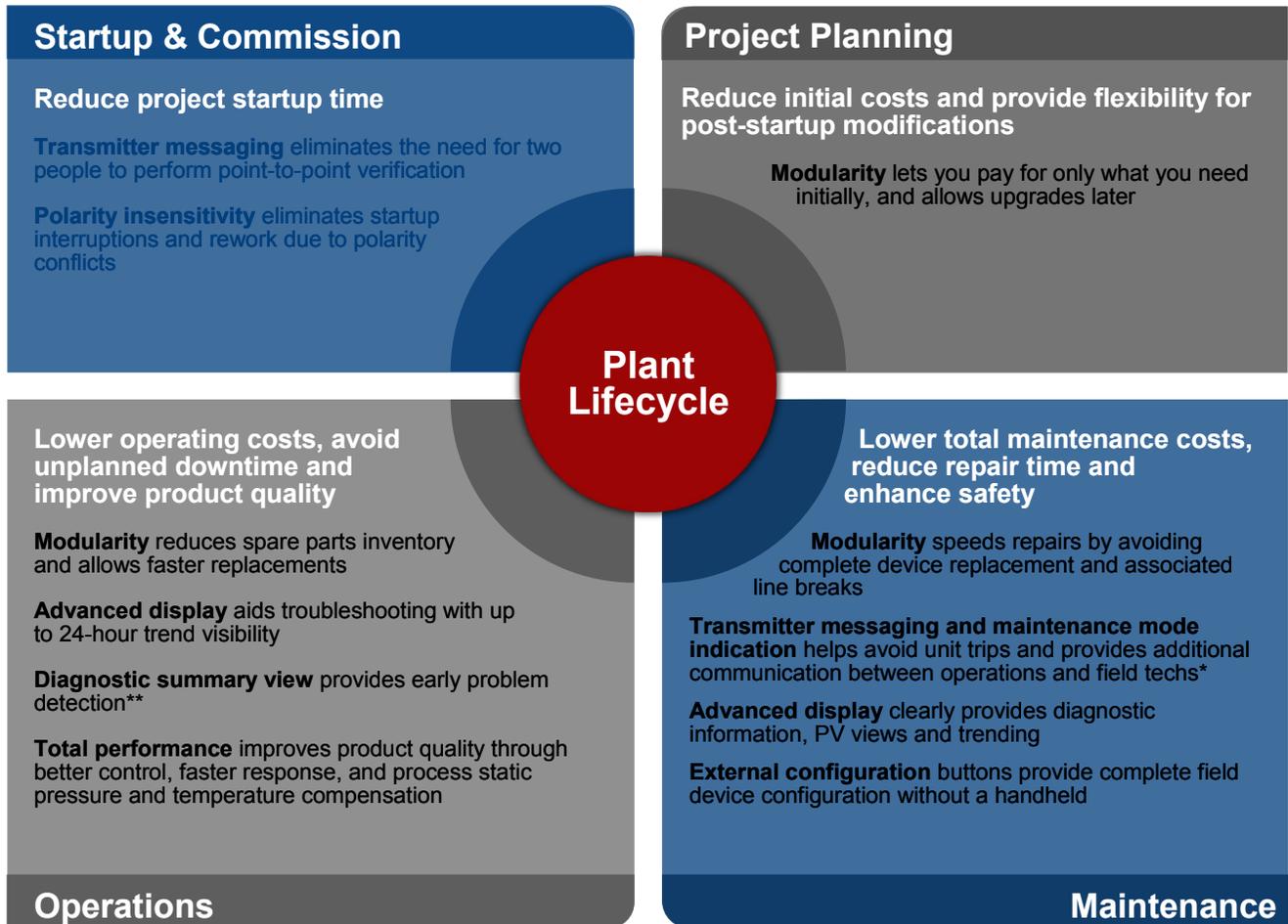
Screens similar to the above (figure 1) permit users to quickly see the overall health of their plant and to drill down to the specific problem area, reducing the time during which off-spec product may be produced. In addition, once the device is located, additional diagnostic information can be accessed to help define the root cause and solution to quickly correct the problem.

#### Early Detection Enhances Safety

In addition to the time savings associated with faster diagnosis and corrective action, plant safety is also enhanced. Faster problem identification and resolution reduces the time your plant, personnel and potentially the surrounding community is at risk.

Review other SmartLine product and integration plant lifecycle savings opportunities, delivered through:

- Advanced Display and Intuitive HMI Technology
- Maintenance Mode Indication and Transmitter Messaging
- Tamper Reporting
- Modular Design



\*\* Available through Honeywell's Field Device Manager

\* Available when used with Experion

### For More Information

Learn more about how Honeywell's SmartLine Pressure Transmitters deliver value across the entire plant lifecycle, visit our website [www.honeywellprocess.com](http://www.honeywellprocess.com) or contact your Honeywell distributor or account manager.

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