

## Product Information Note

### Experion Mobile Access



Experion® Mobile Access provides field operators with secure access to key process information managed by the Experion PKS from a mobile computing device. Using this real-time data, field operators have the visibility needed to make faster decisions and drives better business outcomes.

#### Today's Operations Challenges

Field operators are at the frontline of operational excellence-- the ears and eyes in the field. Operators' scope-of-work at today's plants is constantly expanding and calls for tools that allow them to meet new responsibilities . One such tool is Honeywell's Experion Mobile Access system, which manages and stores a wealth of real-time and historical data from Experion PKS, Honeywell's Distributed Control System.

Most organizations recognize the benefits of seamless data access from the field, but their ability to deliver this is often limited by:

- High complexity and implementation costs
- Security threats
- Lack of tools specifically designed for field operators

#### Experion Mobile Access

Experion Mobile Access enables plant personnel to view and respond to live information from an Experion system even when they are not present--for example, while they are on routine rounds or inspecting the plant. It provides secure remote access via a mobile computing device connected to the process control network via the OneWireless™ Network, Honeywell's industrial wireless network.

#### Main Features

##### Access to real-time process information

Using the web browser on the mobile computing device, field operators have access to common parameters, such as process value, setpoint, mode and output value, as well as alarms and historical data for the process points they are responsible for. The web-based user interface has been optimized for these smaller form-factor handheld devices.

#### Key Benefits

Console-operator-to-field-operator communication will always be essential for operational excellence. However, at times field operators can make their own decisions. Operations teams that leverage Experion Mobile Access to this end realize the following benefits:

- Faster decision-making and task execution, thanks to real-time access to process value and trends.
- Better awareness and safety, thanks to real-time access to alarms for specific area of responsibilities.
- Improved collaboration between field and console operators, thanks to more visibility.

#### Security

- Leverages Experion security with different access levels.
- Leverages OneWireless Network with its WPA2 in Enterprise Mode with EAP-TLS.
- DSA communication between the Experion Mobile Access Server and Experion servers.

#### Ease to install and maintain

- No clients to be installed on the mobile computing devices. Field operators have to simply start the web browser and direct it towards the Experion Mobile Access Server.
- User interface optimized for smaller interfaces is available with mobile computing devices.

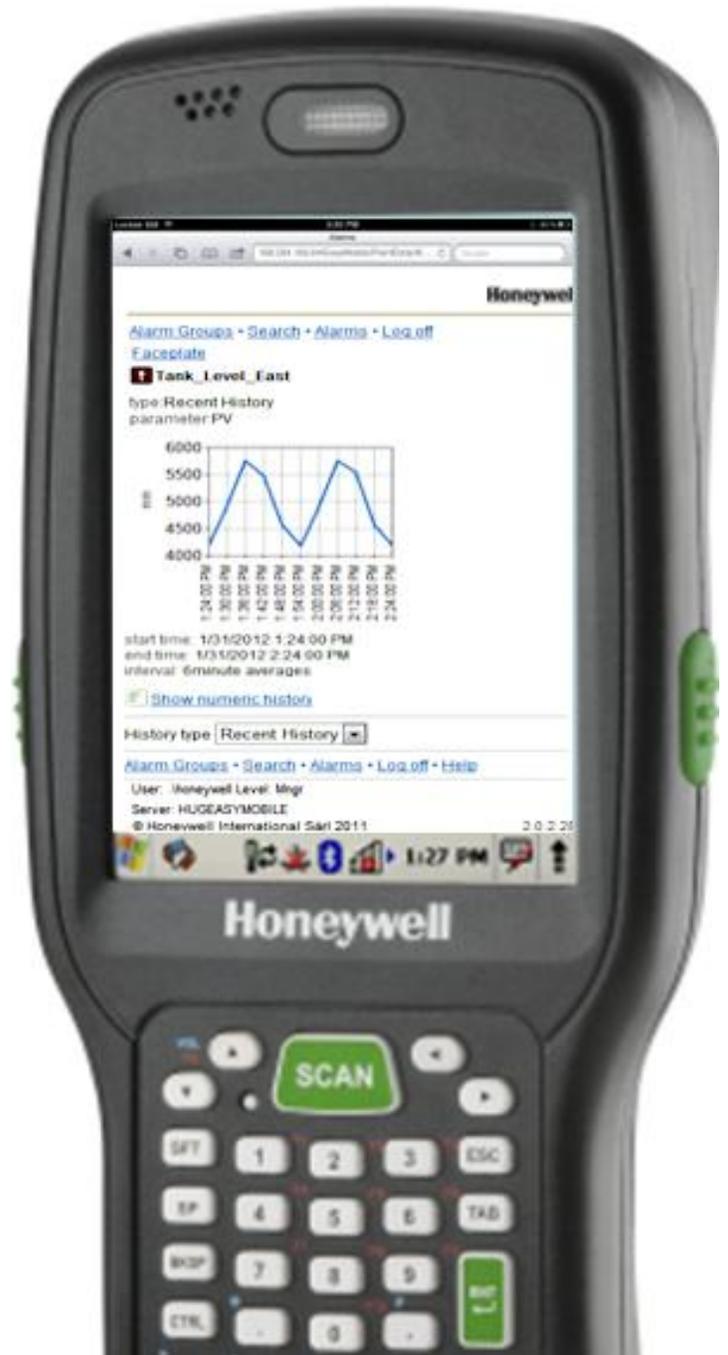
**Experion Mobile Access can be used to:**

- View specific process information for a point (PV, SP, OP, and Mode) within the operator's scope of responsibilities and, if allowed, make changes to these parameters.

- View alarm groups within the field operator's scope of responsibility.



- View, modify and acknowledge alarms for points within the operator's scope of responsibility.
- View history for a given point and, if supported by the mobile device, see live updates.



## About Honeywell

Honeywell is the leading provider of control, safety solutions and advanced applications with expertise and experience both in process operations and business support domains. Honeywell delivers:

- Established capabilities in Process Control Network (PCN), IT infrastructure and security domains through Open System Services (OSS)
- Impeccable life-cycle support track record
- Rich and tight integration with control, safety and advanced applications framework.
- Globally consistent standards and practices for consulting services, project implementation, sourcing, deployment and support services.

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### For More Information

To learn more about Honeywell's wireless Solutions, visit [www.thewirelessplant.com](http://www.thewirelessplant.com)  
Or contact [wireless@honeywell.com](mailto:wireless@honeywell.com).

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PN-12-15-ENG  
May 2012  
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