

# IntelTrac PKS Redefines Field Data Collection and Management



Honeywell's IntelTrac Process Knowledge System (PKS) utilizes mobile technology to deliver reliable field data faster to the right people, resulting in lower costs, better return on plant assets and improved profits.

## Benefits

Honeywell's IntelTrac\* PKS is a powerful, easy-to-use data collection system that offers hardware and software options to support small and large facilities, and provides the flexibility to expand while protecting your investment.

IntelTrac PKS consists of wireless handheld computers, software and radio frequency identification (RFID) technology. It is integrated with Honeywell's Asset Manager™ application and Uniformance® PHD to facilitate data collection, storage and analysis.

IntelTrac PKS has a wide range of benefits, including enhanced communications between operations and maintenance, reduced equipment failures through better maintenance and improved plant performance.

Other IntelTrac PKS benefits include:

- Automated field data collection
- Improved data integrity
- Seamless data transfer to existing business systems
- Intelligent asset management
- Fast access to process data
- Reliable regulatory compliance tracking
- Increased safety
- Increased workforce productivity

## Increase Accuracy, Save Time and Reduce Costs

IntelTrac PKS allows operators to collect field information over a wireless radio frequency network using handheld computers. On command, data is electronically passed to the corporate network, plant databases and the Uniformance system. The IntelTrac PKS system enables the data to be used by several Microsoft applications, including Excel and PowerPoint.

Data collected with portable input devices is typically 99.9 percent accurate. The entry and wireless transfer to corporate databases saves time—about 30 percent—over traditional methods. Furthermore, the system reduces network traffic. Its store-and-forward protocol and wireless data synchronization technology allow users to seamlessly work offline in the field while having access to the corporate database, work orders and event data.

Operators using the system can perform computer-guided field inspections and capture mission-critical data faster and easier than ever. Console supervisors are able to review equipment inspection data within minutes of field surveillance. This intelligent asset management helps prevent incidents, create a safer working environment and lower bottom-line costs.



The IntelTrac PKS system works effectively with a range of modern data collection tools. This plug-and-play hardware integration reduces overall data collection hardware costs and operator training requirements.

## Software Suite Options

### IntelTrac PKS Enterprise: Work Process Management System

The core enterprise software suite of the IntelTrac PKS system supports field force procedures, rounds and maintenance management, electronic log book functionality, web reporting, data structure and synchronization server capabilities.

### IntelTrac PKS Procedure Manager

This field force management software application is designed for all aspects of procedures, inspections and surveillances, including synchronization with mobile computing devices.

Procedure Manager has four integrated workstation software modules for managing, scheduling and revision control, auditing and monitoring of field workforce activities:

- **Procedure Builder**  
To rapidly create and manage surveillances, standard operating procedures, routine tasks, safety inspections and equipment monitoring activities.
- **Procedure Scheduler**  
For scheduling and dispatching surveillances and procedures developed using Procedure Builder.
- **Procedure Auditor**  
Designer for supervisory review and approval of completed rounds and surveillances, Procedure Auditor provides full historical trending of field data, analysis and field attributes. Once a procedure or surveillance is reviewed and approved, the data is archived and can be forwarded through IntelTrac PKS Integration Manager for updating manufacturing decision support systems.

### For More Information

To learn more about IntelTrac PKS, visit [www.honeywell.com/ps](http://www.honeywell.com/ps) or contact your Honeywell account manager.

### Automation & Control Solutions

Process Solutions

Honeywell

2500 W. Union Hills Dr.

Phoenix, AZ 85027

Tel: +1-602-313-6665 or 877-466-3993

[www.honeywell.com/ps](http://www.honeywell.com/ps)

- **Procedure Monitor**

To monitor the overall utilization and performance of the IntelTrac PKS Procedure Manager. Procedure Monitor provides detailed utilization reports for compliance tracking and key performance indicators for management review of system utilization.

### IntelTrac PKS Work Requester

Designed to rapidly create and manage work requests from the field, Work Requester functions include capture of requirements to complete a work order including job site preparedness requirements such as scaffolding, permitting, and health, safety and environmental concerns.

### IntelTrac PKS Log Manager

An electronic logbook software application for enabling remote capture and review of non-routine field data and conditions.

### IntelTrac PKS Report Manager

A web-based reporting module that uses Microsoft ASP.Net to provide both the field force worker and supervisor with web-based reporting via workstation access to field-collected data for analysis and report creation.

### IntelTrac PKS Integration Manager

An integration framework which simplifies and expedites the implementation of our core software solutions with efficient, cost-effective integration between IntelTrac and your enterprise business systems.

The IntelTrac PKS Work Process Management System is broadly applicable to many industries. In addition, it is available in a variety of industry-specific configurations to meet the precise requirements of your organization.

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