

OneWireless

Honeywell



Superior Solutions,
Flexibility & Performance

Top Ten Truths About Wireless

With the widest range of solutions, the greatest flexibility, and the best performance available, Honeywell is the only choice that makes sense today, tomorrow and in the future. Here are the top 10 truths about Honeywell Wireless.



TRUTH
01

Better-than-wired solutions

When you consider the applications available, total cost of ownership and performance, Honeywell provides better-than-wired solutions. Built from the ground up, Honeywell's OneWireless network, products and services address some of the most challenging business issues in process management—safety, reliability, efficiency, and cost.

TRUTH
02

The only wireless system with control-ready performance

No one can match Honeywell performance:

- Wireless field instruments with 1-second sustained update rates
- First to have a standards-based output device
- The only system that can accept wireless field devices into the control system—using the same configuration tools as wired devices
- Prioritizes wireless traffic and ensures that critical information from wireless field devices is always received first
- Complete system redundancy with no single point of failure from the field instruments to the host application

TRUTH
03

Best all-around performance available

1-second update rate, best-in-class-range, and 10-year battery life.

TRUTH
04

Most choice in wireless solutions

Solutions include field I/O devices, remote controllers, mobile productivity tools, equipment health monitoring, wireless video and security.

TRUTH
05

Lowest total cost of ownership

It's a well-known fact—wireless solutions lower installation costs. Honeywell takes wireless cost savings to the next level with a system designed to deliver the lowest TCO of any wireless solution.

- Devices use standard, commercially—available batteries, not proprietary power modules
- 10-year battery life from wireless field instruments at more than 1-sec update rate
- 30% cost savings with single infrastructure that supports field devices, Wi-Fi and Ethernet devices and provides a redundant connection to the PCN
- Antenna diversity for field instruments increases coverage range by 50%



TRUTH
06

The only wireless solution that natively supports Wi-Fi, Ethernet, and field devices with one network

Incorporates a multi-protocol, multi-standard wireless network communicating simultaneously with Wi-Fi, industrial I/O devices, transmitters, laptops, handhelds, and other IP-based devices.

TRUTH
07

Supports the user-developed ISA100.11a standard to protect your wireless investment

The ISA100.11a standard provides a comprehensive industrial wireless approach designed to meld various specifications such as FOUNDATION Fieldbus, Modbus, Profibus, HART and Common Industrial Protocol (CIP).

- Supports open-loop and closed-loop control
- Enables the most open and interoperable application environment
- Supports legacy devices and applications
- Handles a much higher volume of process data

TRUTH
08

Easiest to integrate into any control system

Honeywell's solution assures connectivity with all control systems to protect your investment in application hosts and devices. It supports Modbus, OPC, HART, and others.

TRUTH
09

Honeywell provides superior products, service and support

With more wireless LANs installed in the outdoor industrial market than anyone else and a global network of field service engineers, Honeywell is committed to offering wireless solutions to meet the needs of industrial users today and in the future.

TRUTH
10

Honeywell is the world leader in industrial wireless

More than 300 wireless patents, hundreds of OneWireless products and solutions, and applications for every type of process control and manufacturing industry make Honeywell the world leader in industrial wireless.

For More Information

To learn more about Honeywell's wireless solutions, visit www.thewirelessplant.com or contact wireless@honeywell.com.

Process Solutions

Honeywell

1250 West Sam Houston Parkway South
Houston, TX 77042

Lovell Road, Southern Industrial Estate
Bracknell, Berkshire, England RG12 8WD

Shanghai City Centre
100 Junyi Road, Shanghai, China 20051

www.honeywellprocess.com

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