

HONEYWELL VOICE SOLUTIONS FOR MAINTENANCE AND INSPECTION

Sophisticated Inspection Documentation and
Voice-Compliant Processing



Honeywell Voice Inspections

Transform Your Inspection and Maintenance Operations with Voice.
Stop Using Paper for Your Work Cards - Voice Enable Them!

In today's world, documenting inspection and maintenance checklists continues to be inefficient. For most, the process still requires the technician to enter their observations and findings as a separate process from the actual inspection and maintenance procedure. Voice technology introduced a 'Hands-Free, Eyes-Free' environment and has enabled leading businesses to elevate their documentation and compliance to levels never before attainable. Most importantly, companies maximize the opportunity to modernize processes to better support their business requirements. Honeywell provides best-in-class Honeywell voice-based solutions that are purpose-built for the maintenance and inspection marketplace. By working with thought leaders in the industry, we have created a solution that enables companies to run a better business with voice.



Achieve Better Compliance by Voice-Enabling and Streamlining Processes

The Many Business Benefits of Honeywell Voice Solutions

Honeywell voice solutions deliver a new level of documentation and compliance in your maintenance and inspection operations. The use of voice in a Hands-Free, Eyes-Free manner enhances the documentation of standard operating procedures and provides the continuity you need to provide better consistency across your various locations. The Honeywell Voice Solution supports optimized best practice processes that maximize your technician procedures and virtually eliminates the cumbersome and inefficient steps traditionally associated with previous generation technology alternatives.

Using Honeywell voice solutions for inspections cuts down the out-dated back and forth data entry and look up time on a laptop, handheld device or with paper forms by speaking commands and verbally inputting data findings directly into your system via a headset with a microphone, while performing the inspection task.



Streamlined Documentation

by completing observations and findings documentation while performing the actual task



Enhanced Compliance

with strict adherence to standard operating procedures (SOPs) ensures standardized processes through consistent technician behavior



Process Improvement

through the use of best-in-class processes and actionable operational insights

Hands-Free, Eyes-Free

Improved Safety

by enabling 'Hands-Free, Eyes-Free' operations at the point of inspection



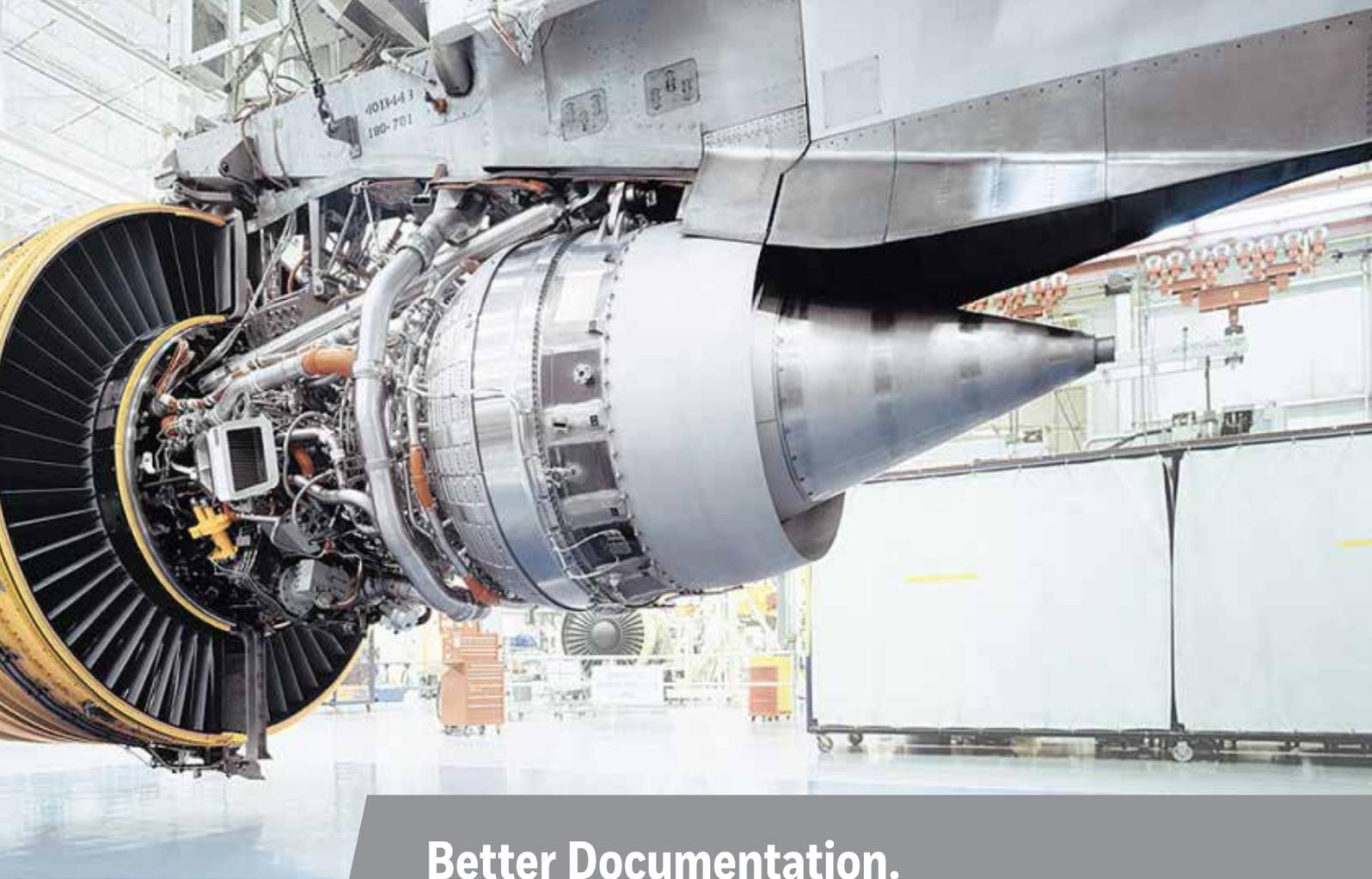
Faster Training and New Technician Onboarding

with easy-to-follow documentation and inspection processes for existing and new technician training



Greater Technician Retention

by providing an intuitive solution that motivates and enables technicians to be more productive and increases employee satisfaction



**Better Documentation.
Greater Compliance.
Consistent Processes.**

Did you know?

A leading aerospace manufacturer realized a 30% reduction in production data entry-cycle time and significant gains in accuracy levels by implementing Honeywell voice solutions.

Data Entry- Cycle Time Reduction

30%

Aviation MRO Inspection

Engine MRO

Honeywell voice solutions help streamline off-wing repair to restore aircraft engines to designed operational condition.

Heavy Maintenance

Help streamline inspection of airframe components, comprehensive structural inspection and overhaul of aircraft with Honeywell voice solutions.

Component MRO

Honeywell voice solutions enable regular aircraft inspection and maintenance checks to ensure flight worthiness.

Line Maintenance

Honeywell voice solutions support the execution of component MRO for APU, Avionics, wheels and brakes, communication equipment, flight controls, etc.



**Improve Compliance Documentation.
Ensure Process Consistency.
Streamline Record Keeping.**

Truck Fleet Inspection

Regulatory Compliance & Preventive Maintenance

Honeywell voice solutions enable fleet owners and lessors to optimize the maintenance of power units and trailers and is supportive of the most common regulatory required and preventive maintenance checklists.

Repairs

Honeywell voice solutions help the documentation process for repairs of power units and trailers, on an as needed basis, including the capture of parts replaced and new parts ordered.

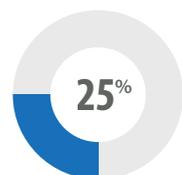
Aftermarket Services

Help ensure SOP checklists are fully adhered to with Honeywell voice solutions when performing retro-fits with additional parts or components.

Did you know?

A leading fleet leasing and management company projects a reduction in total asset inspection time by almost 25% with the Honeywell voice solutions and will use the increased available technician time to broaden its inspection offerings as a market differentiator.

They also improved quality by 3%!





**Consistent Processes.
Improved Technician Retention.
Quality Results.**

Did you know?

A national car maintenance service organization with high technician turnover needed to increase technician adherence to standard procedures and documentation processes to help ensure accurate billing. They discovered our voice solution would provide standardization and management visibility needed to support growth initiatives across a growing number of locations.



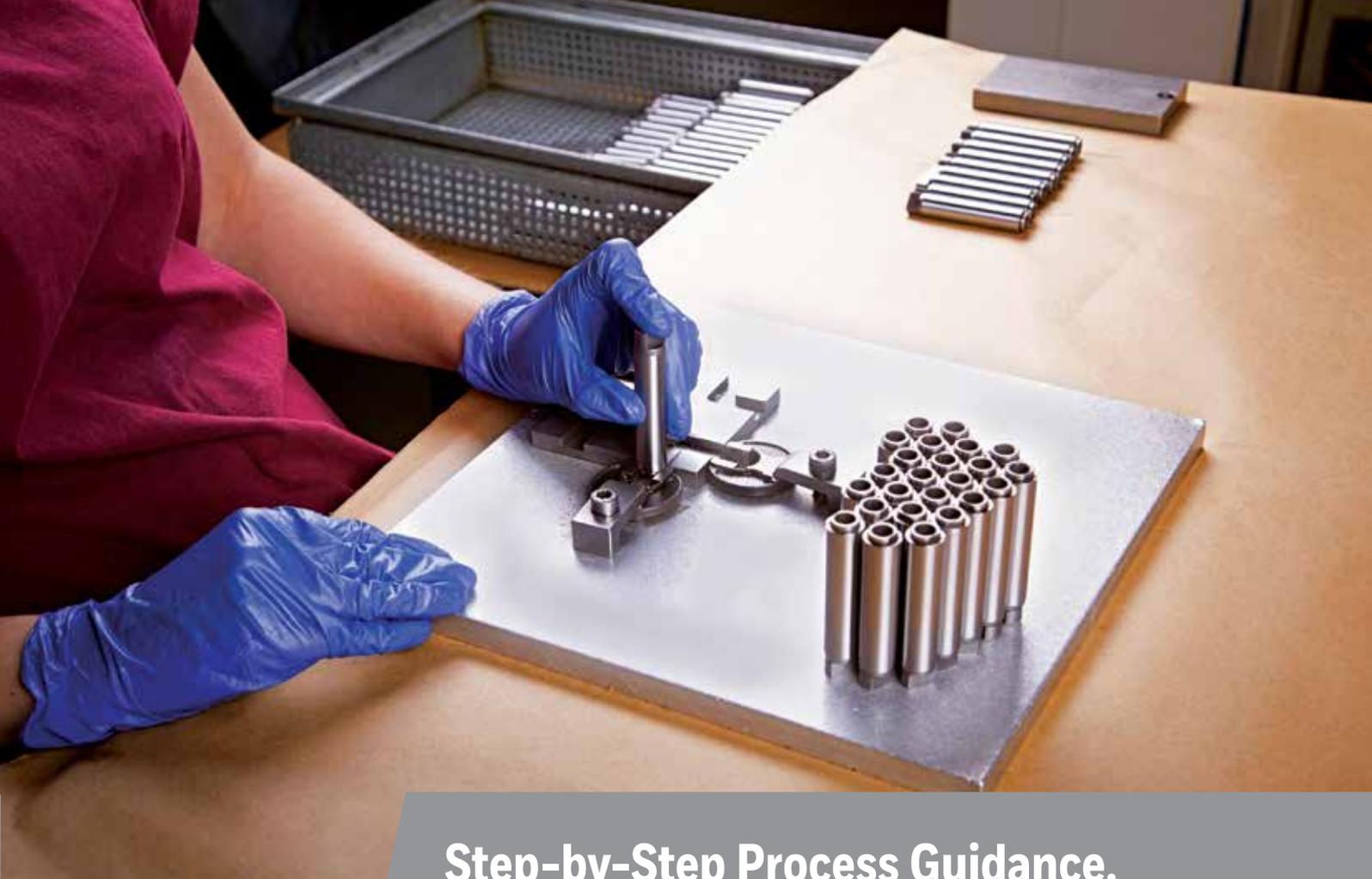
Automotive Inspection

Provide Process Consistency

Honeywell voice solutions ensure your technicians follow a consistent step-by-step standard operating procedure (SOP) across multiple locations ensuring that your inspection processes are properly supported and meet all necessary requirements.

Onboard New Technicians Rapidly

Honeywell voice solutions help you retain and onboard new technicians quickly. The easy to follow voice commands guide each technician through each step of the standard processes and reduces the need to interact with complex technology alternatives. Your technicians will show greater confidence and be proud to use the exciting voice technology from Honeywell.



**Step-by-Step Process Guidance.
Increase Throughput.
Reduce Training Time.**

Logistics Inspection & Assembly

Reduce Training Time for New Technicians or Workflows

As employees and assets change, training becomes more important. Through step-by-step voice guidance, technicians require less training and no shadowing. These improvements help you better utilize your workforce and improve efficiency during change.

Train Users For Their Task, Not a Data Entry GUI

By queuing results and integrating directly with host systems, the Honeywell Maintenance and Inspection solution reduces the training required to interact with your chosen system of record. Technicians will no longer waste time navigating screens, but will focus on the work required resulting in reduced process time and increased throughput.

Did you know?

Many customers are already experiencing the benefits of the Honeywell Talkman solution in their distribution centers. With the maintenance and inspection offering, the proven value of Honeywell voice solutions can be extended into additional, non-picking workflows.



**Collect Valuable Data.
Improve Training.
Safety Via Hands-Free, Eyes-Free.**

Did you know?

In the oil & gas field, elevated risk of injury and fatality has been attributed to workers new to the industry. The voice inspection solution provides users with not only a safer, 'Hands-Free, Eyes-Free' experience, but also a standardized approach to onsite training.

Oil and Gas Inspection

Field Work Safety

Oil and gas work presents many safety challenges. Workers are required to not only navigate heights in their environment, but also avoid potentially explosive situations. By allowing workers to focus on the task at hand, the Honeywell M&I solution is improving safety.

Improve Training

By standardizing operations and directing a user step-by-step through a process, the Honeywell voice solution eliminates short cuts during training. Workers are onboarding faster and are trained more thoroughly.





**Hands-Free For Improved Safety.
Data Entry Directly From the Field.
Process Steps From One Location.**

Utility Field Inspection

Field Work Safety

Field inspections rely on technicians to utilize their hands and eyes to remain safe while navigating their environment. By removing common data collection tools such as paper and pen or tablet forms, the Honeywell voice solution dramatically improves utility inspection safety.

Eliminate Redundant Data Entry

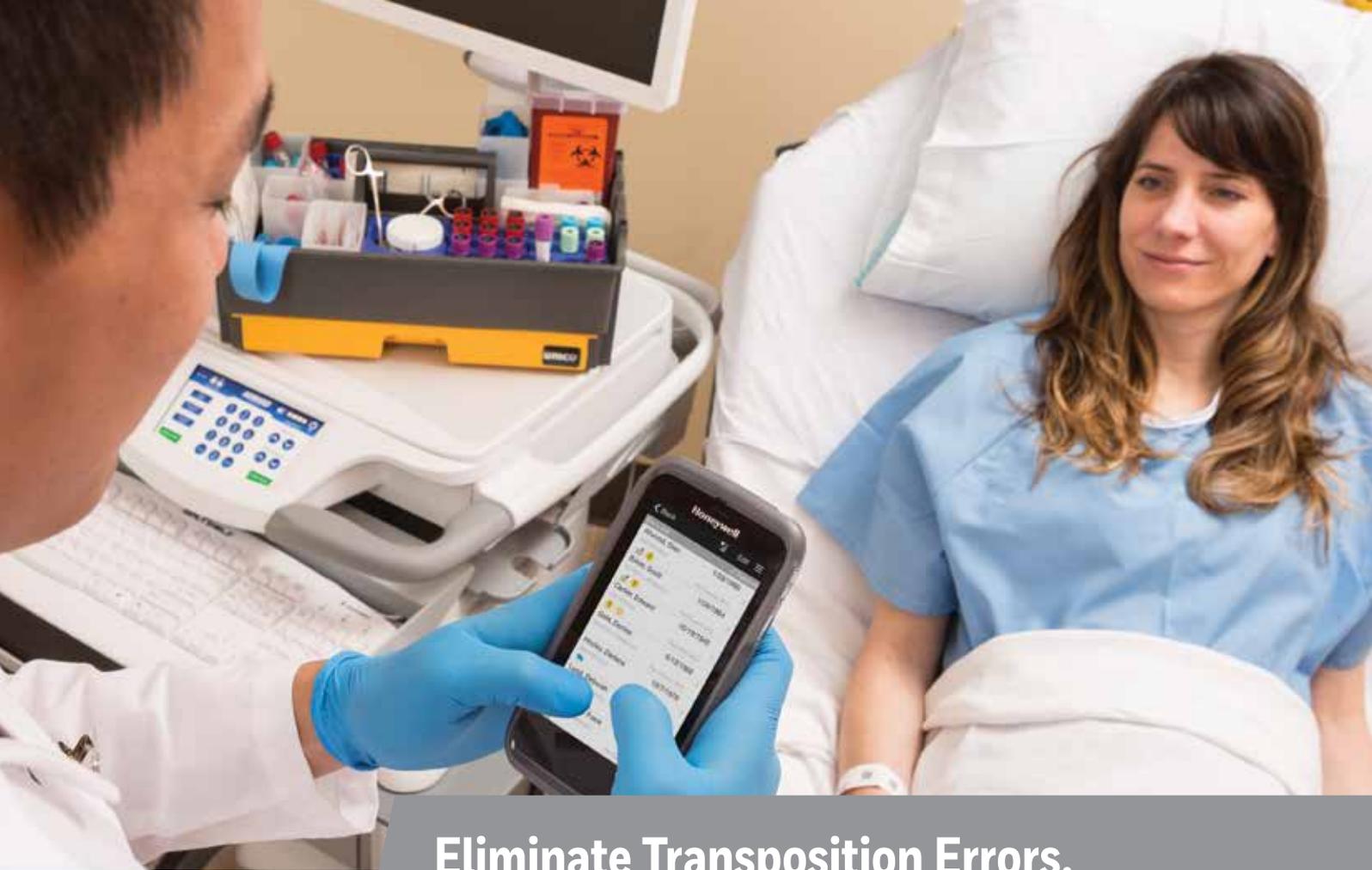
Network connectivity and host system software may not always be available in the field. The Honeywell voice inspection solution captures, queues and transmits data when a network becomes available. This functionality prevents technicians from being interrupted and completely eliminates the need to reenter data once an inspection is completed in the field.

Did you know?

In 2015, 38% of construction related fatalities in the US were attributed to falls. Excluding highway collisions, falls are the leading cause of private sector fatalities. Improving safety by allowing workers to dedicate their hands and eyes to securing their position has the potential to save over

600

lives annually.



**Eliminate Transposition Errors.
Improve Quality.
Provide Step-by-Step Guidance.**

Did you know?

A 2016 study suggested that medical errors are the third leading cause of death in the United States.



Healthcare Inspection

Reduce Errors

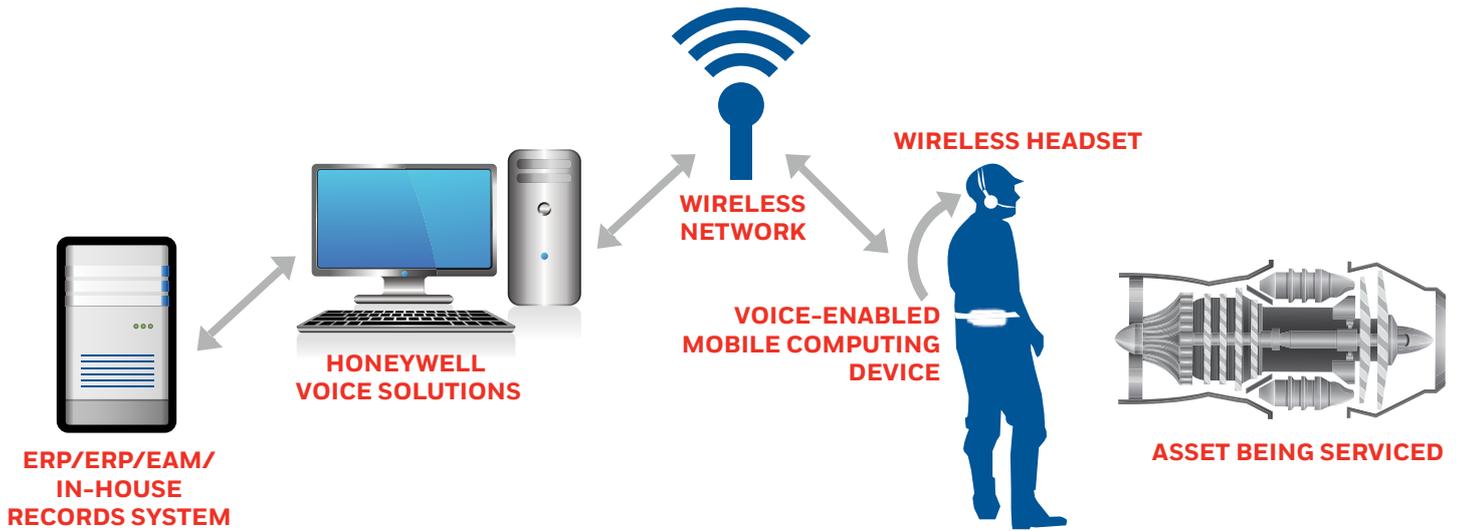
Errors in healthcare can have significant consequences. Through standardization and elimination of transposition, process execution and data collection errors are reduced.

Step-by-Step Guidance

Ensure equipment and processes critical to human health and well-being are maintained and executed properly. By providing users one step at a time, they are more focused and are unlikely to miss steps or stray from established standardized methods.

Optimized for Healthcare

By providing hands-free, voice-enabled process guidance and data collection at the point of care, staff can maintain cleanliness best practices, improve quality and accuracy, while reducing documentation overhead.



How the Honeywell Voice Solution Works



Seamless Voice Integration with Your Data System

The Honeywell voice solution can seamlessly integrate with information from your host data system such as your ERP or Enterprise Asset Management (EAM) software.



Honeywell voice solutions direct the technician through the checklists, allows Hands-Free, Eyes-Free voice data entry and captures parts used via spoken commands.



The technician interacts with a display to review images or descriptions.



The spoken information is converted into text and communicated back to the host data system with real-time updates for your solution.

Honeywell

For more information:

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road

Fort Mill, SC 29707

800-582-4263

www.honeywell.com

Honeywell and its product names are among the trademarks and/or service marks owned by Honeywell International Inc., or its subsidiaries.

Honeywell Voice Solutions for M&I Brochure | 11/17
© 2017 Honeywell International Inc.



BEC (Systems Integration) Ltd
Blakewater House, Phoenix Park
Blakewater Road, Blackburn, BB1 5RW
www.becsi.co.uk, +44 (0) 1254 688 088