The Honeywell Connected Hospital

Let’s set the benchmark for effective healthcare.
Healthcare is your calling.

You’ve dedicated yourself to a public service – one that improves the quality of life for your community.
You support those in need. You help people heal. Your hospital is where it all comes together.

Now technology is redefining our world, changing the ways we connect. For healthcare, that means new challenges – and new opportunities.

We’re committed to helping you in that mission.

Honeywell’s vision is to help care providers like you integrate smarter technologies so you can deliver safer, more effective outcomes.

Digital integration can remove distractions, simplify processes, and improve accuracy, helping define new benchmarks for care.

We’ve seen it firsthand – and we’d like to show you why it matters.
Your Hospital Faces Increasingly Complex Challenges

Aging demographics. Chronic diseases. Limited resources. Expanding regulations and compliance. In the coming years and decades, healthcare is expected to face a surge in demand coupled with more rigorous cost controls. These trends present challenges – and opportunities.

Hospitals in particular may have to adapt to financial constraints, rising patient expectations, and new ways of optimizing operations.

Traditional processes and infrastructure increasingly struggle to cope with the changes that hospitals now face. It’s time to tackle new challenges with new ways of coordinating care and promoting operational excellence.

- **Patients**
  - Expectations are on the rise, as patients seek easier access and better outcomes.

- **Compliance**
  - Stricter budgets, regulations, and oversight make precise care and records increasingly essential.

- **Productivity**
  - The right technologies can help optimize care and efficiency – if properly integrated.
What If We Could Transform Care with Integrated Capabilities?

Together, let’s address your most complex operational challenges so your people can be on hand when patients need the human touch. Let’s connect your hospital, your systems, and your staff to solutions that enhance awareness and performance. Let’s put smarter coordination at your fingertips – so you can be there when it matters.

Introducing the Honeywell Connected Hospital: Let’s connect people to care.

First, Last, and Always – It’s About People

The Connected Hospital is designed to be an intelligent, responsive environment that helps you take care of people.

By thoughtfully integrating physical spaces and devices with systems and big data, the Connected Hospital helps you optimize experiences, operations, and ultimately, patient outcomes.

Digital integration has helped other hospitals achieve substantial improvements.

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  - **20–25%** higher nurse productivity with less search, travel time, and rework.¹
  - **20–25%** reduction in bed turnaround times.²
  - **25–75%** reduction in hospital-acquired infections.³

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¹ Cost Savings Generated by a Radio Frequency Identification (RFID) Search System – Annals of Emergency Medicine, 2016; Nurses interviews, 2015
² Perfecting Patient Flow, Wilson, Snapin, Williams, 2015
Connect the Systems that Help You Connect with Patients

**The Connected Hospital**

Integrating systems such as building controls, security, alarm management, nurse-call, and real-time location enables more intelligent monitoring for smoother patient flow and rapid responses.

- **Convergence**
  Infrastructure integrates data from numerous inputs to enable real-time decision making.

- **Automation**
  Automated workflows not only streamline labor – they also help increase speed, accuracy, and reliability.

- **Safety**
  Integrated solutions enhance comfort, safety, and security with greater visibility and faster responses.

- **Control**
  Building management eases workload, reduces failures, optimizes maintenance and costs.

- **Eco-Friendly**
  Optimized energy consumption, paperless operations, and reduced waste.
Help Patients Find the Experiences and Outcomes They’re Seeking

The Connected Patient
Clinicians and patients stay in touch and coordinated in the hospital and beyond. This enhances the patient experience and helps improve care management, which can also help patients return home sooner.

PATIENT EXPERIENCE
Patients appreciate an increased sense of understanding and involvement in their care.

CARE MANAGEMENT
Better compliance with treatment, especially when plans are tailored to a patient’s specific needs.

EDUCATION
Interactive patient terminal provides clearer education on condition and care plan.

INDEPENDENCE
By staying engaged in their care plan, patients can experience greater independence.

HOME CARE
Monitoring and care plans transition more easily from hospital to home, helping to reduce unneeded readmissions.
Optimize Productivity with Solutions Designed for Your Clinical Staff

The Connected Clinician

Improve job satisfaction with automated workflows that help clinicians deliver faster, safer, and more precise care. Honeywell integrates communications and data with connected devices such as mobile computers, scanners, and barcode printers, which are hygienically designed to withstand hospital disinfectants.

- **CARE**: Optimize quality of patient care and satisfaction using connected devices for more effective coordination.
- **ACCURACY**: Positive patient identification and medication tracking via scanning help reduce costly and dangerous errors.
- **MOBILITY**: Mobile devices enable more responsive workflows, helping clinicians increase their productivity and availability.
- **COMMUNICATIONS**: Integrating mobile devices with nurse call and alarm systems helps streamline communications.
- **RECORDS**: Automated documentation and mobile EHR access can help improve records, compliance, and billing.
Enhance Your Hospital with Intelligent Analytics

**Connected Services**

Beyond the use cases you integrate, you can further enhance your hospital infrastructure with Honeywell Connected Services.

By connecting your operational technologies to cloud-based analytics, these services can give you deeper insights into the performance of your systems, and predictive analysis to help make better-informed decisions.

**HONEYWELL VECTOR OCCUPANT APP**

Navigating and interacting with your hospital has never been easier.

Whether they’re in your hospital every day or only once, give patients, employees, and visitors a remarkable experience that connects them to your site.

Diverse, modular features include guided wayfinding, digital ID badges, feedback on comfort, and much more. The app can also be fully branded with your healthcare identity.
Transform Data Into Outcomes with Customized Use Cases

Each use case is designed to be modular and sustainable, with a vendor-agnostic approach that seeks to leverage your existing investments in technologies, assets, and systems.

These use cases are examples of clinical workflows we’ve helped other hospitals optimize.

Coordinate care and streamline patient flow with an integrated real-time location system (RTLS). Here’s one example of how it can help:

1. A clinician needs to move a patient to their next appointment.
2. Clinician uses mobile device to find the nearest available stretcher.
3. Clinician messages nearest porter to bring the stretcher, collect the patient, and take them to their next appointment.
4. Porter confirms request.
5. Status for that stretcher changes to “in transit.”
We have decades of experience helping hospitals succeed within the complex, highly regulated world of healthcare. Here are some of the results our clients have achieved with digital integration.

**Flagship Australian Hospital Connects Communities to Care**

One of Western Australia’s leading healthcare facilities is a pioneer of the connected hospital, pursuing the latest scientific, technological, and medical developments with state-of-the-art integration from Honeywell.

**The Challenge**

Campus-wide integration of IT and communications. Extensive array of extra-low voltage (ELV) systems from multiple vendors to integrate. Management of buildings and energy with focus on automation, sustainability. Security monitoring for more than 5,000 people per day.

**The Solution**

Honeywell integrated third-party systems on one central platform, connecting more than 150,000 points from more than 65 extra-low-voltage systems.

**The Benefits**

Seamless integration of multiple systems on one platform helps efficiently monitor and manage the entire facility from an enterprise view.
Let’s connect people to care.

You’re committed to care – and we’re committed to helping you make that care as effective as possible, with better patient experiences, greater clinical efficiency, and operational excellence.

The Honeywell Connected Hospital
BuildingSolutions.Honeywell.com

50 Years of Partnership & Innovation
As leading healthcare providers around the world can attest, we’ve spent decades helping organizations succeed within the complex, competitive, and highly regulated world of healthcare. Today we’re ready to help you.