

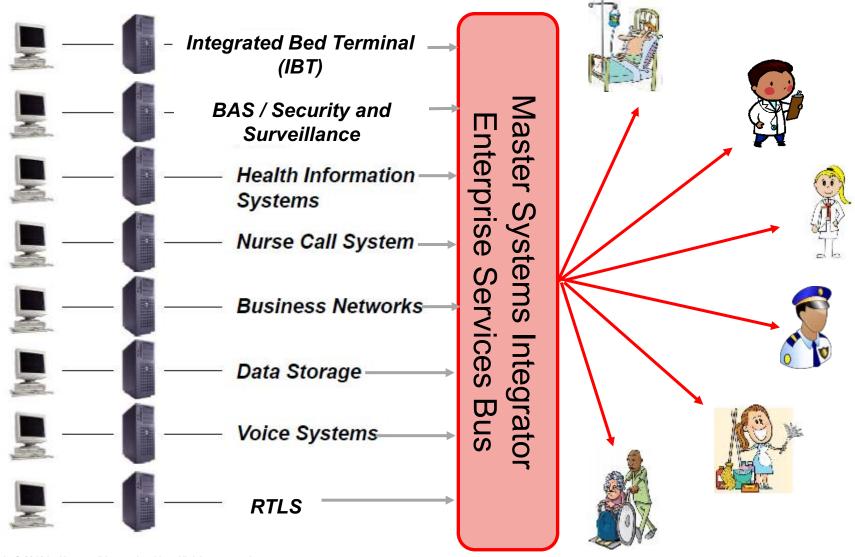




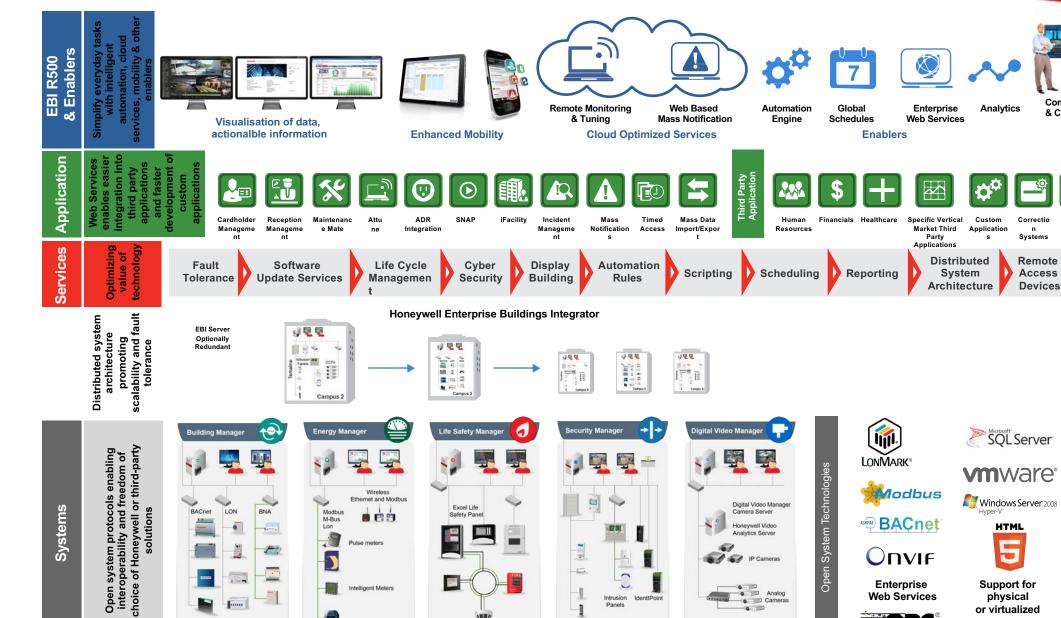
DIGITAL HOSPITAL TECHNOLOGY



Desired Digital & Connected Hospital



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Corporate network services IT/LAN/WAN Network



Third Party Controllers



or virtualized server environments

Command

& Control

Airport

Systems

Temaline

Panels

0.

Healthcare Facilities – Expectations Have Evolved











COMMAND STATION

MOBILE OPERATIONS
STANDARD DESKTOP
CASUAL USE

DESIGNED FOR
SERVICE TECHNICIANS
FACILITY OCCUPANTS
FACILITY MANAGER

COMMAND CONSOLE

24/7 OPERATIONS CONTROL ROOM

DESIGNED FOR
FACILITY OPERATOR
SECURITY OPERATOR

COMMAND WALL

MANAGEMENT OVERVIEW
TEAM COLLABORATION
EMERGENCY RESPONSE

DESIGNED FOR
FIRST RESPONSE TEAM
OPERATIONS MANAGEMENT
EMERGENCY PERSONNEL

Introducing the Command and Control Suite

- Enhance situational awareness on a zoomable map with HVAC, security and more
- Faster response with an intuitive interface to facilitate business continuity
- Simple operation promoting increased productivity, reduced training and greater cross-skilling
- Consistent approach with automated standard operating procedures
- Improved decision making with better communication and collaboration
- Integrated systems for facilitywide overview and automation

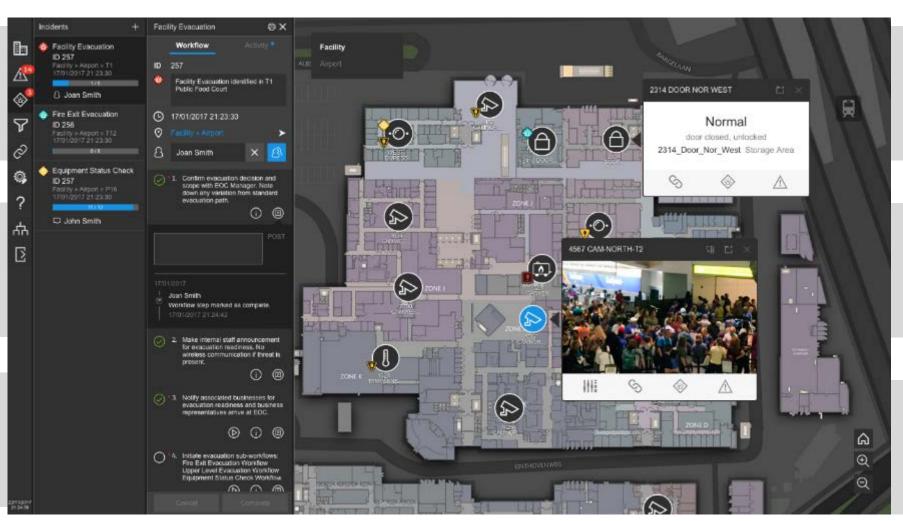


MAP-BASED INTERACTION HELPS SPEED UP RESPONSE

Intuitive map-based navigation to view building management and security systems

Common operating approach promotes increased productivity, reduced training and helps cross-skilling

Progressive object
disclosure with
zooming and
filtering provide
enhanced image
viewing



Quickly view
equipment alarms in
their displayed
location for rapid
response

Watch video and view key equipment data at a touch, or drill down for detail

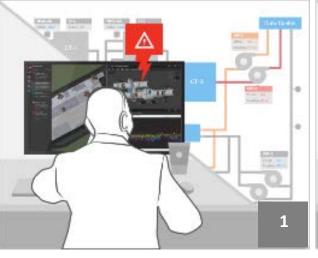
Access information you need with links to other systems, documents and drawings



TEMPERATURE DRIFT WITHIN CLINICAL STORAGE



INTEGRATION OF SYSTEMS FOR FASTER ROOT CAUSE IDENTIFICATION COLLABORATIVE SOP WORKFLOWS FOR COMPLIANT, TRACEABLE ACTIONS CONTINUOUS IMPROVEMENT WITH EASIER REPORTS ANALYSIS







OBSERVE:

- Facility Operator observes warning alert as temperature drifts in clinical pharmaceutical storage room
- Operator explores the issue, reviews temperature trends and potential impact
- Initiates SOP workflow

INVESTIGATE:

- Service Technician is dispatched to investigate the issue and adjust equipment using Command Station
- Actions are recorded on the SOP Workflow
- Facility Operator collaboratively completes the steps for compliance

RESOLVE:

- System is returned to desired performance level
- Facility Manager reviews the report to check compliance and take precautions so as to continuously improve equipment performance





HONEYWELL VECTOR OCCUPANT APP

An Exceptional Occupant & Guest Experience



Honeywell Connected Services Portfolio

Leverages the cloud and building connectivity

Real-time notification of building issues

Connects occupants with buildings

Sensor driven insights about space utilization

Outcome Based Service

Honeywell Pulse App

Honeywell Vector Occupant App

Vector Space Sense





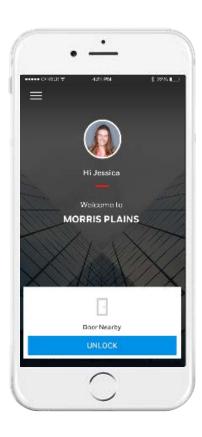






Honeywell Vector Occupant App

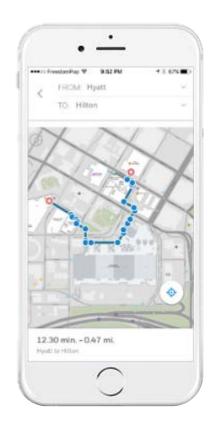
Door Access



Vs.

Expensive, easy-to-lose cards w/ short read range & complex cardholder management

Indoor Wayfinding



Vs.

Asking for directions, signage costs, and no data on traffic patterns

Space Rating

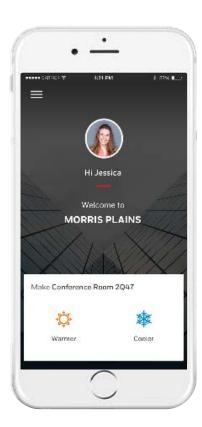


Vs.

Email, paper, online surveys, with timeconsuming data consolidation

Honeywell Vector Occupant App

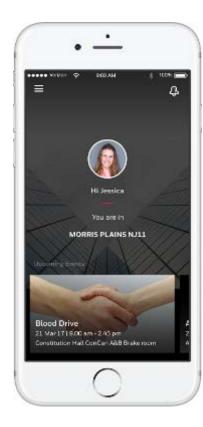
Comfort Requests



Vs.

Call/email hot & cold requests, difficult to identify location-specific trends

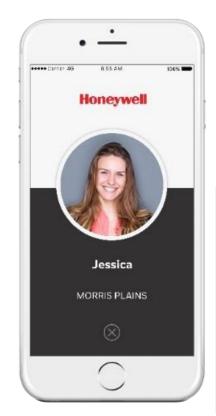
Message Board



Vs.

Physical message boards, missed announcements, inefficiency & cost of paper notices

Digital Photo ID



Vs.

Cost and inconvenience of easy-to-lose photo ID badges

WATCH DEMO

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How Access Control Works

Manual Unlock

Gesture-based Unlock

Proximity-based Unlock

Eco-mode Unlock









^{*} Reader can be configured for a read range of a few inches up to several feet.

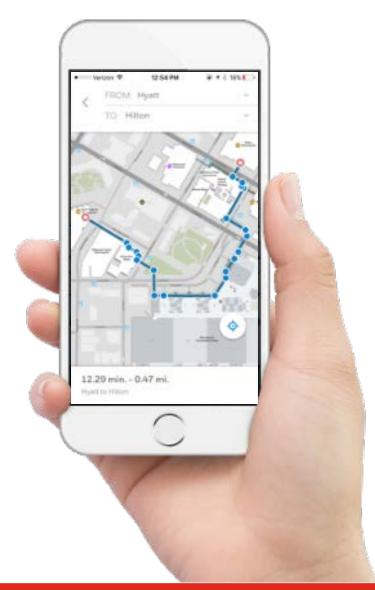
How Indoor Navigation Works

Locate Points of Interest

- Blue dot to show occupant current location
- Predictive search box
- Drop-down of recorded POIs

Navigate to POI

- Highlighted path to POI with route guide
- Distance and estimated time to destination
- Voice-based turn-by-turn instructions
- Moving blue dot with arrow indicating movement towards POI
- Path recalculated if occupant moves in wrong direction



Save & Share Locations

- Save any location on map as favorite
- Share own location or any other location on map with friend(s) via messaging, email, WhatsApp
- Friend(s) receive link to open map on their own device with path to the shared location

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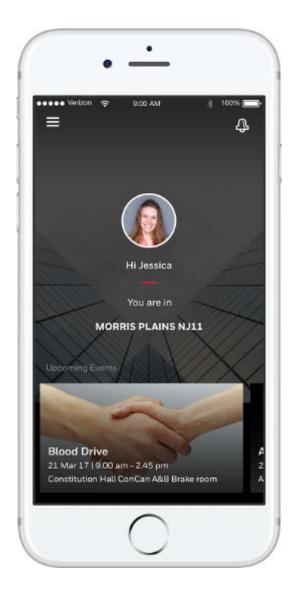
How Mobile Message Board Works

Admin Actions

- Select a message card from available pool in admin portal
- Set card category, title and image
- Insert more information, URLs etc.
- Publish card
- Delete card after it has served purpose

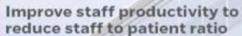
Recipient Actions

- Opens app on phone, or keeps app running in background
- Newly published card pops-up
- Clicks 'Next' to read more details on sub-cards
- Clicks URL (if available) to open another website with more information
- Performs expected actions e.g. register for and event, send email, etc.
- Card disappears when deleted by admin



Reduce patient waiting time

The Wayfinding feature helps patients find consultation rooms faster – Increasing hospital staff productivity and improving patient experience. For faster admission processes, a QR code can be generated.



Help patients and new staff navigate throughout the facility and always be on time. Wayfinding improves staff productivity and the Too hot or too cold feature reduces patient alarms around temperature adjustments.

Cut back on energy consumption

Use occupancy analytics to efficiently handle HVAC and lighting outputs, when the occupancy level is low.

Bring down performance penalties

Dimetiness improvements related to appointments and scheduling, reduces patient waiting lists and resulting patient care performance penalty exposure

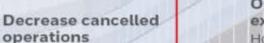








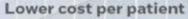




Patients, doctors and staff are sure to get around the facility faster – reaching appointments on time and improving productivity.



Honeywell Vector Occupant
App helps maximize staff
productivity, thus increasing
employee satisfaction and sense
of achievement - while delivering
more patient care activities.



Enable overall staff productivity by reducing energy consumption and maintenance costs.



THE POWER OF CONNECTED

For more information, please visit www.buildingsolutions.honeywell.com

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Questions?