Johnson Controls Solutions and Capabilities for COVID-19 Crisis Response

Johnson Controls is committed to serving the healthcare community during the COVID-19 crisis. We have the global experience, national workforce and healthcare expertise to quickly expand hospital capacity and enhance caregiver response for COVID-19.

We have proven to be a cornerstone of America’s health infrastructure:

- Johnson Controls solutions are in nearly 85% of North American hospitals
- We have 120 branch locations in North America supported by 25,000 employees
- Recognized by federal, state and local governments as a provider of essential products, services and personnel

We were on the front lines in WUHAN installing systems in six days

As the only Tier 3 hospital with isolation facilities in the Putuo District, Shanghai Tongji Hospital needed to immediately install a remote medical patient monitoring system for the fever isolation area.

- We rapidly deployed a remote medical patient monitoring system for the Shanghai Tongji Hospital isolation area
- In the first 72 hours, we deployed the safety assurance system and network communication system in the shelter hospital, making it operational
- In the second 72 hours, we equipped 860 critical beds with Nurse Call systems

Supporting urgent COVID-19 healthcare needs across North America

- Streamlined visitor and new patient entry for COVID-19 screening and protected it with fire alarm in 10 days
- Provided emergency HVAC equipment in less than 24 hours for triage units
- Providing space analysis and infrastructure modifications to provide more isolation rooms
- Re-purposing standard patient rooms to isolation rooms
- Converting internal rooms to infectious controls rooms
- Re-opening closed hospitals
- Creating external triage spaces
- Working with healthcare partners to open new construction sites early
- Addressing fire & life safety and enhanced security requirements
- Providing technology resources and expertise to support urgent clinical capacity expansion and network infrastructure modifications or additions
**COVID-19 Crisis Response**

Johnson Controls can...

| Increase patient capacity in your hospital | • Conversion of regular patient rooms to negative pressure isolation units  
• Conversion of unused infrastructure to isolation rooms  
• Increase bed count in existing isolation rooms  
• Quick-ship and Quick-build capabilities for HVAC equipment to help quickly mobilize facilities  
• Rental equipment |
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| Enhance communications | • Deploy temporary wireless Nurse Call System  
• Expand temporary network (wired/wireless)  
• Install Command and Control Center  
• Expand building, business and clinical system installation for hospital infrastructure  
• Deploy Real Time Location Services (RTLS) for equipment tracking |
| Maximize safety for staff and patients | • Access controls and video surveillance in the Cloud to enable remote monitoring  
• Building systems installation for temporary external screening and patient intake structures  
• Thermal video cameras to assess temperature of those entering sites for symptoms  
• Cloud-based visitor management for issuing touchless credentials  
• Panic buttons and badges for staff  
• Remote monitoring and diagnostics of fire panels through TrueSite Workstation |
| Provide operations & maintenance to your building and technology systems | • Prioritizing service response for critical healthcare facilities  
• Adhering to safety measures prescribed by the hospital & CDC  
• Servicing HVAC, fire, security, life safety and technology |

Johnson Controls can rapidly mobilize technical resources – including planning and design engineers, project managers, installers, clinical communication specialists, service technicians and more – to help hospitals meet their needs, protect staff and stay ahead of the crisis.

Financing options available through Johnson Controls can help you preserve valuable cash and improve the safety of your facility.

Our experts will listen to your healthcare needs and quickly respond with solutions, services and expertise to power your mission.

The power behind your mission