

# 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 Healthcare infrastructure

- Johnson Controls solutions are in nearly 85% of North American hospitals
- 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 eight days

Our solutions have been successfully implemented in record time by healthcare facilities in China, like Wuhan Taikang Tongji Hospital.

- In the first 12 hours, the team was mobilized, safety plans and guidelines established to protect the Johnson Controls workforce
- In the next 20 hours, the team arrived and started the construction plan
- In the next 72 hours, the shelter hospital was rebuilt rapidly, and the safety assurance system and network communication system of the whole hospital was deployed and operational
- In the following 72 hours, 860 critical beds were equipped with critical Medical Intercom/Nurse Call systems

## We continue to provide urgent COVID-19 Healthcare solutions

- Streamlining visitor and new patient entry for COVID-19 screening and protecting it with fire alarm in 10 days
- Providing 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

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## Helping patients heal and doctors cure

<b>Increase patient capacity</b>	<ul style="list-style-type: none"><li>• Conversion of regular patient rooms to negative pressure isolation units</li><li>• Conversion of unused infrastructure to isolation rooms</li><li>• Increase bed count in existing isolation rooms</li></ul>	<ul style="list-style-type: none"><li>• Quick-ship and Quick-build capabilities for HVAC equipment to help quickly mobilize facilities</li><li>• Rental equipment</li></ul>
<b>Enhance communications</b>	<ul style="list-style-type: none"><li>• Deploy temporary wireless Nurse Call System</li><li>• Expand temporary network (wired/wireless)</li><li>• Install Command and Control Center</li></ul>	<ul style="list-style-type: none"><li>• Expand building, business and clinical system installation for hospital infrastructure</li><li>• Deploy Real Time Location Services (RTLS) for equipment tracking</li></ul>
<b>Maximize safety for staff and patients</b>	<ul style="list-style-type: none"><li>• Access controls and video surveillance in the Cloud to enable remote monitoring</li><li>• Building systems installation for temporary external screening and patient intake structures</li><li>• Thermal video cameras to assess temperature of those entering sites for symptoms</li></ul>	<ul style="list-style-type: none"><li>• Cloud-based visitor management for issuing touchless credentials</li><li>• Panic buttons and badges for staff</li><li>• Remote monitoring and diagnostics of fire panels through TrueSite Workstation</li></ul>
<b>Provide operations &amp; maintenance to your building and technology systems</b>	<ul style="list-style-type: none"><li>• Prioritizing service response for critical healthcare facilities</li><li>• Adhering to safety measures prescribed by the hospital and CDC</li></ul>	<ul style="list-style-type: none"><li>• Servicing HVAC, fire, security, life safety and technology</li></ul>

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.

Backed by our global Center of Excellence, we can immediately bring world-class expertise to your local crisis response site.

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**

