

Solutions and Capabilities for K-12

Johnson Controls is committed to serving the K-12 education community during the COVID-19 crisis. We have the global experience, national workforce and expertise to work with school districts during this difficult time to meet their immediate needs while helping streamline operations and use of resources for when school is back in session.



We have proven to be a cornerstone of K-12 infrastructure in North America:

- Johnson Controls solutions are in more than 6,000 U.S. school districts, supporting over 24.7 million students
- 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

Supporting K-12 needs during this crisis

As schools suspend classes, their mission to educate and support students has not gone away. Many districts are working on ways to set up distance learning, continue critical school lunches, decision-making processes and communications with those now working remotely. During this time, they're continuing to care for their buildings and beginning to plan for the eventual need to deep clean them so they are healthy spaces students and staff can return to. In some cases, districts are being called upon to provide critical space to communities looking for capacity to care for those impacted by the virus, offering up unused fields and other spaces for temporary healthcare treatment structures.

These facilities still need to maintain and protect their campuses, regardless of when classes resume. If converting space, they need to be able to protect against infection. Both of these challenges include:

- Providing healthy spaces
- Confronting uncertain funding challenges

- Tackling projects that are already funded while properties are vacant
- Increasing security on empty buildings
- Enabling more remote services to provide distance monitoring and servicing of campuses
- Updating and maintaining Building Automation Systems so that classroom environments have the indoor air quality that is essential to future healthy learning

Improving Indoor Air Quality (IAQ) and limiting the spread of illnesses like COVID-19

- Even before COVID-19, improved IAQ was found to correspond with better student performance and overall health in a study by UC Davis and Berkeley Lab
- Researchers identified at least one problem—issues involving HVAC hardware, fan control and/or filter maintenance—in more than half (51%) of all classrooms studied
- Common indoor air pollutants in schools have been observed at levels two to five times higher than outdoor concentrations
- Making improvements to HVAC systems while IAQ is top of mind can benefit students and staff even after the crisis passes

COVID-19 K-12 Crisis Response

Some of the ways Johnson Controls can support your K-12 needs:

Enhance communication technologies for continuity	<ul style="list-style-type: none">• Remote monitoring of systems allows for more efficient operations at a time when preserving resources is critical• HVAC systems programmed to reduce energy use and ease the strain on aging infrastructure, especially during unoccupied periods	<ul style="list-style-type: none">• Enterprise Management platform proactively analyzes building conditions across the district, identifies issues and faults, diagnoses equipment problems, and helps you make better decisions for corrective action• Integrated systems to reduce costs, enhance technology, and improve energy and operational efficiency
Maximize security for critical staff, assets and facilities	<ul style="list-style-type: none">• Rapid security equipment installation for temporary or repurposed sites• Rapid access control and visitor management set up• Access control and video surveillance to enable remote monitoring via the cloud• Remote security monitoring of video, intrusion and access control	<ul style="list-style-type: none">• Remote Services can diagnose and resolve many system issues quickly over the phone• Assurance Services can monitor the performance and compliance of your physical and cyber security assets to proactively detect problems and resolve them
Provide installation, operations and maintenance of your critical building and technology systems	<ul style="list-style-type: none">• Adhering to safety measures prescribed by the district and CDC using detailed COVID-19 Site Safety Plans• Servicing HVAC, fire, security, life safety and technology	<ul style="list-style-type: none">• Providing ongoing fire and life safety testing and inspections as required by NFPA and clarified under COVID-19 circumstances• On-time delivery and integration of the priority systems
Introduce alternate procurement methods	<ul style="list-style-type: none">• Alternate delivery mechanisms to streamline the execution of needed upgrades• Multiple Cooperative Purchasing options for more transparent and efficient procurement processes	<ul style="list-style-type: none">• Access to innovative funding options to put upgrades within financial reach

Johnson Controls can quickly mobilize technical resources – including planning and design engineers, project managers, installers, communication specialists, service technicians and more – to help K-12 school districts meet their needs and stay ahead of the crisis.

Backed by our global Centers of Excellence, we can immediately bring world-class expertise to your K-12 facility.

Our K-12 experts will listen to your needs and quickly respond with solutions, services, and expertise to ensure short- and long-term benefits for staff and students. Contact us today.