

Robust, scalable and integrated security solutions



The power behind **your mission**



Johnson Controls is the global leader in smart buildings, efficient energy solutions, and integrated infrastructure.

Introduction

Johnson Controls provides innovative integrated security and protection solutions for homes and businesses around the world. We accomplish this through our portfolio of brands and products – the most comprehensive in the industry – and deliver quality through a network of outstanding partners and trusted integrators.

Tyco, our innovative security brand, addresses four key security needs:



Access control



Video surveillance



Cloud solutions



Intrusion detection

IoT Company of the Year

Johnson Controls was named IoT Company of the Year by the independent IoT Breakthrough organisation. The award recognises global innovators, leaders, and visionaries in IoT. We were recognised as the leading company in the IoT industry for driving digital transformation through our broad portfolio of vertical markets and digital solutions.



This is how we power your mission

End-to-end capabilities

We partner with you across your facility's lifecycle – design, finance, build, maintain, manage, retrofit, and replace.

Partnering for success

We amplify our own capabilities by partnering with other technology leaders to seamlessly deliver world-class solutions for your business and industry.

Depth of experience

We are world leaders in building technology and solutions, bringing to every project, big and small, proven expertise earned over more than 130 years.

Technology innovation

We push digital technology forward every day, delivering innovations that provide optimal building performance.

Global footprint

We deliver local service and solutions to meet your goals in more than 150 countries around the world.

Impactful sustainability

We take sustainability seriously. We run our own operations sustainably and we make sure you have the products and services that ensure you can too.

Global industries

Aviation

Addressing the security needs of passengers and staff

As the aviation industry continues to evolve, it faces a unique set of challenges that are both specific and demanding. Security is a key component because airports are hubs for the movement of large numbers of passengers and the handling of high volumes of baggage and cargo.

Our broad portfolio of products and solutions helps meet these challenges, such as maintaining the safety of passengers and staff, providing proper access levels to different areas, and preventing cargo theft.



Healthcare

Solving the safety and security challenges of the healthcare industry

We use innovation to help our healthcare customers protect their patients, achieve their safety and security goals, and increase their profitability. We address regulatory, operational, risk-management, safety, and loss-prevention challenges to cut costs, streamline operations, and improve the healthcare business.



Commercial and industrial

A leader in advancing workplace safety and protecting business assets

We are committed to helping our customers achieve their safety and security goals so they can improve business productivity. Our cost-effective access control and integrated security management systems software, along with a wide range of products, allows commercial and industrial organisations to address a variety of unique safety and security challenges.



Education

Securing students, staff, and valuable assets in education

We are driven to help our education customers protect their students and staff, and achieve their safety and security goals. Our cost-effective access control and integrated security management systems software, along with a wide range of products, allows institutions to address a variety of unique safety and security challenges.



Finance

Smarter ways to protect your banking and financial infrastructure

Security is crucial for multi-site financial institutions because of the rise of online self-service banking. With an ever-changing economic climate, financial institutions face other challenges as well: to protect their customers, staff, assets, and premises from physical attacks. We offer an extensive range of security products to address the unique requirements of the financial and banking sector. The integrated solutions we offer help monitor high-risk areas, safeguard customer and staff security, and even manage restricted access.



Gaming, sports and leisure

Where fun meets safety

Casinos, sports stadiums, and entertainment arenas have specific and unique requirements. They not only need to use surveillance systems to keep an eye out for unusual behaviour, such as security or terrorist threats, but they also need to monitor other systems, such as fire detection, to provide safety notifications in case there's a life-safety incident. Our integrated solutions address issues unique to large venues, including theft, managing restricted access, and the monitoring and recording of incidents that may need to be reviewed and used as evidence.



Data centres and IT services

Addressing key physical security challenges

With increased focus on securing data centres and facilities, and the need to monitor data access, physical security management has become a requirement for IT companies. Physical security is one of the key components in managing employees, visitors, and the company's real estate. The above issues and more can be addressed using access control, video surveillance products, and other integrated solutions from our broad portfolio of innovative solutions.



Retail

Protecting people and assets at retail locations across the globe

Each year, our retail solutions help protect more than three billion products at leading consumer outlets around the world. We are committed to using our global resources and network of value-add partners to help our customers improve their profitability and achieve their retail security goals.



Government

A recognised leader in addressing governmental safety and security challenges

We are committed to helping governments and affiliated organisations achieve their homeland safety and security goals. Our cost-effective access control and integrated security management system software, along with a wide range of products, allows government agencies to address a variety of safety and security problems.

Common issues associated with government facilities, often involving multiple buildings, include coordinating legacy physical access control systems, managing access levels for different site visitors, and integrating security systems with other building systems. All these challenges can be met with an integrated solution using our leading access control and video products and services.



Oil and gas

Meet stringent health, safety and security regulations

Petrochemical, oil, and gas facilities have specific and often high-risk issues. They also have to comply with many stringent regulations to ensure they are as safe as possible and that employees and the public are give the best protection.

Common challenges associated with these facilities, which are often multi-site, include health and safety, managing access restrictions, and securing facilities against terrorist threats. All these challenges can be met with an integrated access control, video surveillance, and fire solution from our portfolio.



Ports, maritime and transportation

Protecting against a wide range of threats

The security challenges facing the ports, maritime, and transportation sectors are some of the most diverse in any sector, as they relate to the types of threats and the scale of the sector. Ports have to be protected against a wide range of threats, from shipborne or underwater vulnerabilities to theft, vandalism, or piracy. In transportation, the size of the industry leads to challenges in both the range of vulnerabilities and the volume of passengers and freight to be protected.

We provide the ultimate protection by providing integrated access control, video surveillance, and intrusion detection products and solutions.



Worldwide we protect:



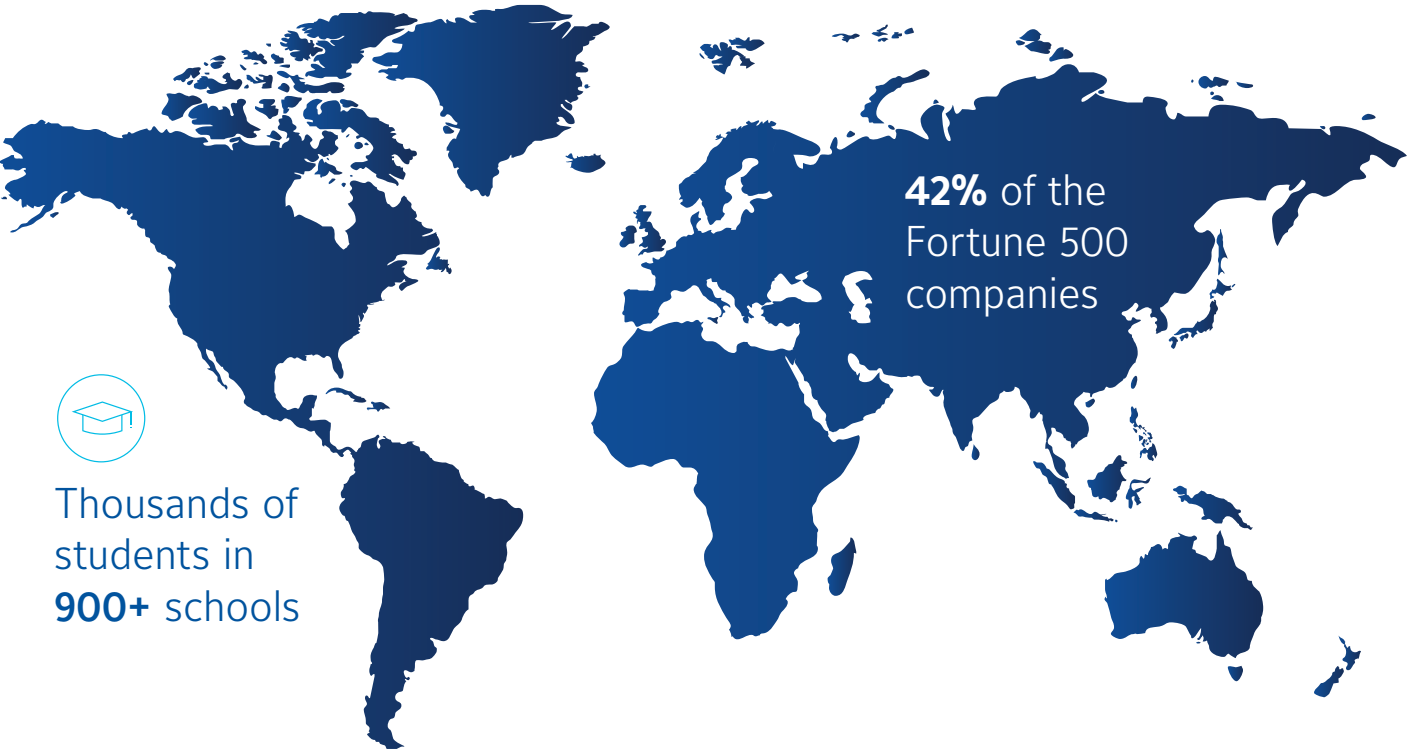
Transportation systems on
5 continents



37% of the world's
top 100 retailers



> 2 million
commercial
enterprises



With dedicated support around the world



3 Manufacturing
locations



9 Distribution
branches



+2700 employees trading in **176**
countries in multiple languages

EMEA

- Trade in 120 countries
- Sites in eight countries
- Trade in multiple languages

Americas

- Trade in 34 countries
- Sites in six countries
- Trade in four languages

Asia-Pacific

- Trade in 22 countries
- Located in region
- Trade in multiple languages

Cyber Solutions Product Security Program

The threat to the reputation of the electronic security industry and, more importantly, potential customer losses, have fully justified the significant efforts made by Johnson Controls design engineers to ensure security solution credentials are our priority.



The Johnson Controls Cyber Solutions Product Security Program takes on board feedback from IT, security professional, and cybersecurity experts to combine best practices during the product development, testing, and evaluation processes. They also develop configuration guidelines for compliance to protect our physical security products from attack, damage, disruption, unauthorised access or misuse.

This holistic, organisation-wide approach provides peace of mind with cyber-resilient systems focused on your security needs.

- Tailored for the unique needs of buildings
- Lifecycle management for every phase – design, deployment, and maintenance
- Secure product development
- Daily tracking of potential threats
- Rapid incident response and notification
- Investment in continually evolving capabilities
- Protection for your data and privacy
- Supported business continuity

Let's create a sustainable future

From the way we run our manufacturing plants to the work we do with our customers, we are constantly looking for new and innovative ways to ensure a more sustainable future for our planet.

100%

diversion rate and certified as zero landfill at 19 manufacturing locations around the world

25%

reduction in energy intensity for all Johnson Controls-operated facilities by 2025

25%

of Johnson Controls manufacturing locations will be certified landfill free

10%

reduction in water consumption at our water-stressed facilities by 2025

100 Best Corporate Citizens



For the thirteenth year in a row, Johnson Controls has been named to Corporate Responsibility (CR) Magazine's annual 100 Best Corporate Citizens list. Our company was ranked in seven key areas: climate change, employee relations, environment, financial, governance, human rights, and stakeholders and society.

The 100 Best Corporate Citizens list ranked the 1,000 largest U.S. publicly-traded companies for outstanding environmental, social and governance (ESG) disclosure and performance.

2020 Carbon Clean 200 by Corporate Knights



The Carbon Clean 200 ranks the publicly traded companies that are leading the way with solutions for the transition to a clean energy future. The Clean 200 companies are listed by their estimated green revenues in United States Dollars.

Larry Fink, CEO of the largest investment firm in the world, shook up Wall Street by stating that we are "...on the edge of a fundamental reshaping of finance" with climate change as a defining feature. "We will see changes in capital allocation more quickly than we see changes to the climate itself. In the near future – and sooner than most anticipate – there will be a significant reallocation of capital," said Fink. Johnson Controls is honored to have been named to this prestigious index since 2016.

Johnson Controls is a leader in global sustainability, recognised as one of the World's Most Ethical Companies by Ethisphere. A few of the awards we have received:



Named one of the 100 Best Corporate Citizens by Corporate Responsibility Magazine for the 13th year in row



Recognised as a goal achiever in the Better Buildings, Better Plants Challenge



Named to Fortune Magazine's 2018 "Change the World" list

Video



Modern security goes beyond the standard video infrastructure. Today's advanced technology allows operators to become the eyes and ears of buildings, enabling them to not only protect visitors and assets, but also achieve operational excellence.

- **Integrate across portfolios** – Create unique, customised video systems that fit your needs.
- **Automate surveillance** – Gather intelligence to improve daily tasks and incident response.
- **Scale to the cloud** – Integrate access to cloud storage for critical video.

Video solutions for a safer, smarter world

When you install a surveillance solution, you are looking for more than visibility. You want to alleviate concern and strengthen peace of mind in the face of day-to-day activities and unforeseen events. To achieve that, your video security system should give you the tools and confidence to protect products, places and, most importantly, people.

We are experts at incorporating video surveillance systems into a variety of environments that meet your needs, regardless of location size or safety requirements. Our video surveillance solutions help you maintain visibility across a vast ecosystem, while transforming video into actionable data and – ultimately – business intelligence.

Whether you need to optimise and streamline your current infrastructure or address mission-critical situations, we have developed enterprise-wide systems to ensure visibility, command and control.

- **Video Management Systems** with collaboration tools and seamless synchronisation with access control and intrusion for greater situational awareness and enhanced operator productivity.
- **Network Video Recorders** that leverage smart video streaming, pre-defined layouts and alarms, and centralised licensing across flexible hardware options.
- **Advanced video analytics** on servers, on edge-based cameras or in cloud devices to provide ease of forensic investigation and acquisition of valuable business data where it is most appropriate for your application.
- **IP security cameras** to meet versatile installations that require advanced recording features and open-platform integrations.
- **Analogue migration solutions** using hybrid network video recorders and a vast support network of professionally trained engineers and integrators.

tyco | American Dynamics

Hardware and software platforms from American Dynamics allow users to see more and prevent events before they occur. Improve user efficiency and resources with high-performance smart streaming and video intelligence along with an extensive feature set.

www.americandynamics.net



tyco | Exacq

From small, single-camera systems to large, scalable deployments with thousands of devices, the Exacq portfolio provides an ideal security solution for almost any application, particularly those requiring an uncomplicated installation process and intuitive user experience.

www.exacq.com



tyco | Illustra

Illustra cameras provide a versatile and scalable surveillance solution for deployments where advanced video intelligence, innovative recording features, and open platform integrations are required.

www.illustracameras.com



Access control



Access control is the first and most powerful component of facility safety and security. We offer a comprehensive array of access control platforms, solutions and products.

- **Flexible and customisable** – Tailored solutions for enterprises of any size and requirements of any kind
- **Innovative technologies** – Biometrics and other high-assurance solutions
- **Intelligent and connected** – Remote monitoring improves efficiency, security and operations

Comprehensive and integrated access control

Access control solutions from Tyco and our associated brands serve a wide range of security use cases, from standalone buildings to complex global enterprises. Our innovation means we make access control systems that go well beyond security to enhance building efficiency and operations.

We have embraced advanced technology: highly encrypted door controllers, for example, and biometrics, such as retina and fingerprint scans, that identify users with unique physical characteristics. Many of our access control solutions include remote monitoring, making security more convenient to manage. Finally, our access control solutions can be integrated with other security, fire and building systems to make your job of ensuring safety and security easier and more effective.

- Scalable access control solutions for enterprise environments of every size
- Control access for employees, visitors and contractors
- Powerful and highly encrypted door controllers
- High-assurance systems, biometric readers, and multi-factor authentication for critical locations and assets
- A systems-approach philosophy to minimise disruptions and ensure reliability
- Mobile applications enable remote monitoring – any time, anywhere
- Seamless integration to interconnect a growing portfolio of security, fire, business and building systems
- Cybersecurity coordination to manage risk associated with access control
- Solutions that go beyond security to provide cyber resiliency, business efficiency, and intelligence

tyco | CEM Systems

With a reputation for designing and developing industry firsts, CEM Systems continuously offers solutions like its AC2000 flagship security software and innovative emerald reader, providing customers with more functionality at the door to help advance site security and business operations.

www.cemsys.com



tyco | Kantech

Serving small- to medium-sized business, Kantech provides integrated access control technologies that are reliable, easy to install, and scalable. Its flagship solution, the EntraPass access control software and KT controllers, enable more simplified configuration and robust reporting to enhance the user experience.

www.kantech.com



tyco | Software House

Software House has built a solid reputation as an innovator of security solutions, including the C-CURE 9000 security and event management system and proven iSTAR door controllers, to provide 24/7 mission-critical enterprise security and safety protection for people, buildings, and assets.

www.swhouse.com



Utilising cloud technologies



Cloudvue



We invented cloud video surveillance in 1999 and have been continuously innovating and pushing the boundaries of cloud technology ever since we started. This makes us the leading experts in cloud video surveillance and gives Cloudvue a proven track record for reliability.

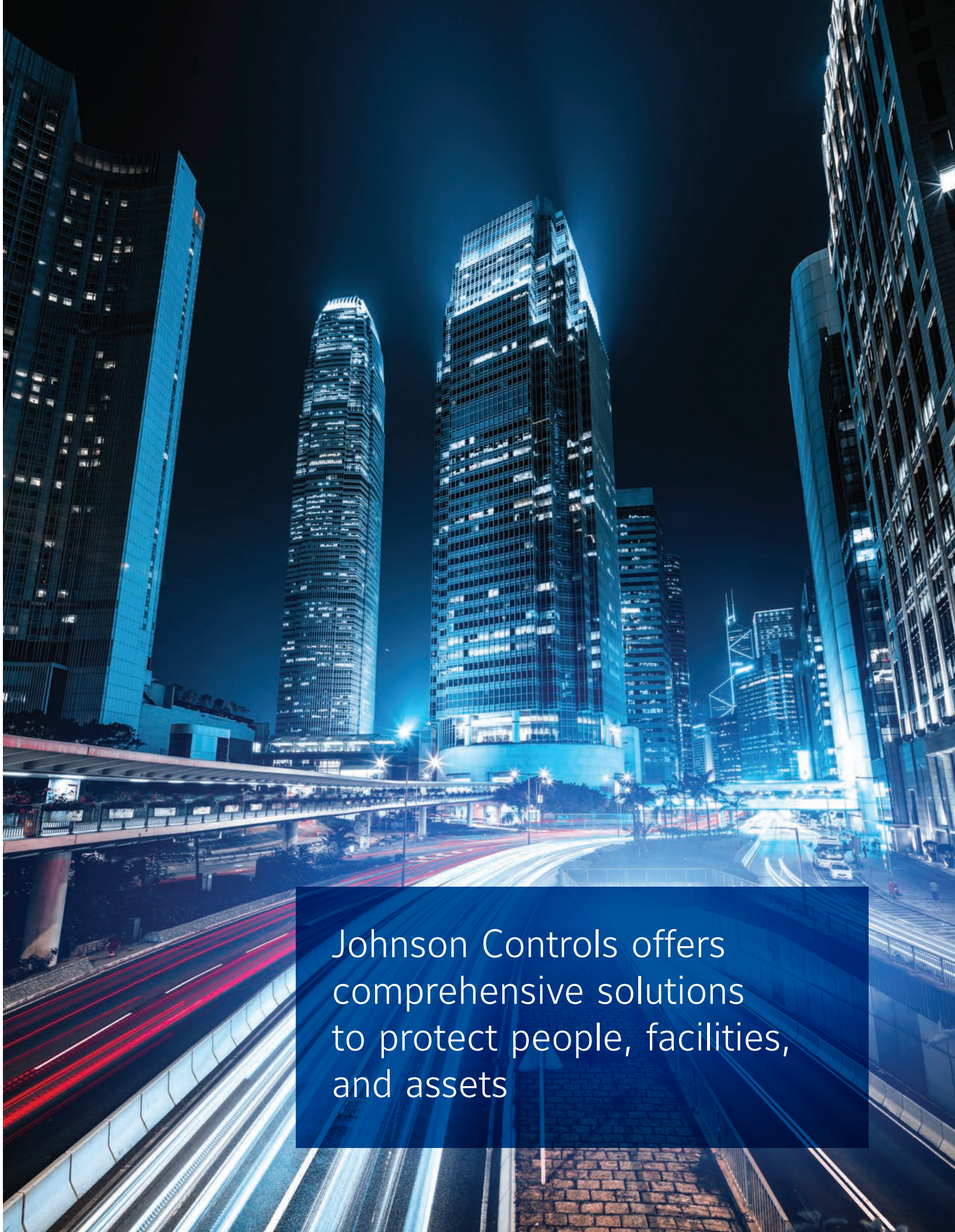
Today, thousands of businesses and organisations trust Cloudvue to simplify surveillance, streamline access control, and provide powerful intelligence that improves security operations and helps with organisational efficiency.

Learn more about Cloudvue’s 20 years of cloud video surveillance and security technology innovation at www.cloudvue.io.

Cloudvue architecture

Today’s physical security solutions live in the cloud and they bring all the typical benefits associated with any digital transformation

- **Centralised management:** Control cameras, doors, alerts and permissions across all your buildings from one browser or mobile device, all around the world.
- **Faster intelligence:** With the cloud, sharing information has never been faster. This increase in speed and accessibility transforms video surveillance footage from forensic data into actionable information that can be quickly distributed across entire organisations.
- **Scalable operations:** An unlimited number of cameras and access control points can be added to a single instance. Custom floor plan views, map views, and powerful dashboards help keep data organised for one or thousands of locations.
- **Streamlined costs:** Organisations typically see a 20-30 percent reduction in the total cost of security by moving expensive on-premises security infrastructure to the cloud.



Johnson Controls offers comprehensive solutions to protect people, facilities, and assets

About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimising building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers, and manufacturing. With a global team of 105,000 experts in more than 150 countries and more than 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

For more information, visit www.johnsoncontrols.com or follow [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter

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Availability varies by region; contact your regional sales representative

The power behind **your mission**

