tyco | Cloud

Simplify Security with Tyco Cloud

Johnson Controls

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Introducing Tyco Cloud, a cloud-based physical security management suite from Johnson Controls developed for video surveillance, access control, intelligence, and integration services on an open and modern microservices architecture.

Tyco Cloud provides the cost-efficiency of software as a service (SaaS) with the simplicity of secure cloud connected hardware.

Since its inception, Tyco Cloud has helped customers store and manage over 25 billion minutes of video surveillance in the cloud and is available in 140 countries and 50+ data centers worldwide and growing.

Why the Cloud?

Why are so many businesses moving to the cloud?

Cloud computing improves efficiency, reduces IT costs, and streamlines application management, while increasing scalability, availability, security, and convenience compared to traditional on-premise security infrastructure. Leverage the power of IoT, big data, and artificial intelligence for security with Tyco Cloud.

Reduces cost

Lower equipment capital expenditures without needing to purchase, install, network, and support NVRs and VMS software; then pay only for services you use with monthly or annual subscriptions. When all costs are factored in, the ongoing subscription costs are lower due to the economies of scale from the shared cloud infrastructure and support, providing significantly lower total cost of ownership.

Scales on demand

Cloud systems offer a flexible combination of on-premise, cloud storage and cloud-based management. You can instantly add new cameras, increase retention periods, and leverage analytics capabilities without having to modify your existing hardware.

Strengthens and simplifies security

Tyco Cloud offers on-demand deployment with the compute-heavy hardware and software 'in the cloud'. As the cloud deployment of the server is managed by Tyco Cloud, the cybersecurity hardening is done for you with a protection level that meets our product security standards. This removes the chance of field misconfigurations and assures that only the ports required for operation are enabled. Another benefit of this cloud server deployment is the ability to leverage the resilience of Tyco Cloud which offers redundancy for high reliability of the service. With Tyco Cloud, you'll automatically get the latest updates and patches assuring the latest in cyber security protection.

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Tyco Cloud: Simple And Secure

Enterprise Management

Tyco Cloud offers unlimited flexibility for enterprise management from a single web portal. Securely manage users and devices from an intuitive interface while monitoring the status of all systems, network bandwidth and storage utilization.

Tyco Cloud quickly and reliably delivers access to live and recorded video with millisecond responsiveness on almost any network from cellular to fiber. Increase efficiency by recording only motion-detected video and using the patent-pending Hyper View feature to search through video from up to 100 cameras at the same time in a lightning-fast 60 seconds.

Collaborate more effectively by sharing videos by event, date, time, or camera, knowing that you have the protection of end-to-end encryption and redundancy – this solution follows the Johnson Controls Cyber Solutions product security program and General Data Protection Regulation (GDPR) standards.

Camera to Cloud in Less Than 60 Seconds

Move your surveillance to the cloud with confidence using Illustra Cloud Cameras with up to 90 days of internal storage and shipped 'cloud-ready' for fast install – from camera to cloud in less than 60 seconds. Low-cost annual and monthly service subscriptions, no on-premise VMS servers, software or NVRs, and no camera license fees, all combine to make cloud surveillance with Tyco Cloud a smart investment.

As of August 2019, Illustra Cloud Cameras support the directives of National Defense Authorization Act (NDAA) for sale to U.S. federal and government agencies.

Search recorded video from **100** cameras in **60** seconds

Connect your existing IP cameras to the cloud

Not using Illustra Cloud Cameras? No problem. Tyco Cloud Gateways replace your current NVR to let you effortlessly move your current IP cameras into the cloud. The Cloud Gateway is ONVIF-compliant and designed to work with thousands of the most popular camera models from dozens of the leading manufacturers.

Flexible Storage Options to Satisfy Any Business Need

Securely store and share video in supported cameras, gateways, cloud or a hybrid combination. Store on camera for 1-120 days with secure SD storage or direct to cloud for unlimited days. Customize your storage criteria by all cameras or any single camera, number of days, or record only when motion is detected. Save bandwidth by creating a custom schedule to upload video to the cloud in the evenings or off prime time.

Leverage long-term, 'cold storage' for significant cost savings – up to 1/3 of the cost of storage that is accessed frequently. Cold storage is designed for very long term archival of video and is available to any customer using Tyco Cloud or Cloud Drive.

Whether you're looking for immediate access to video stored in the cloud or longer-term video archiving, Tyco Cloud delivers video storage to satisfy any business need. And, with no contract, you can change your storage criteria at any time.

FITTING ROOMS

Flexible Storage Options to Satisfy Any Business Need

Right-Size Security

Tyco Cloud gives you the freedom to determine where and how the cloud can best support your business.

In addition to reducing upfront capital expenditures and staffing costs, video that is recorded and uploaded in the cloud is more secure and more accessible.

Entrusting surveillance and access control monitoring to a professional security provider reduces administrative and support headaches while streamlining security operations.

· Scales on demand by moving costly and complex security system infrastructure off-premises

· Expedites the deployment of video surveillance and/or access control
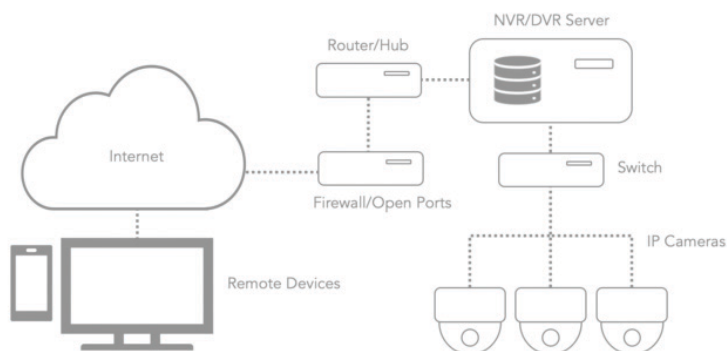
Bonus: The Cloud is Green

Running applications in the **cloud can help reduce energy consumption** and **carbon emissions by a Net 30%** or more versus running those same applications on their own infrastructure.
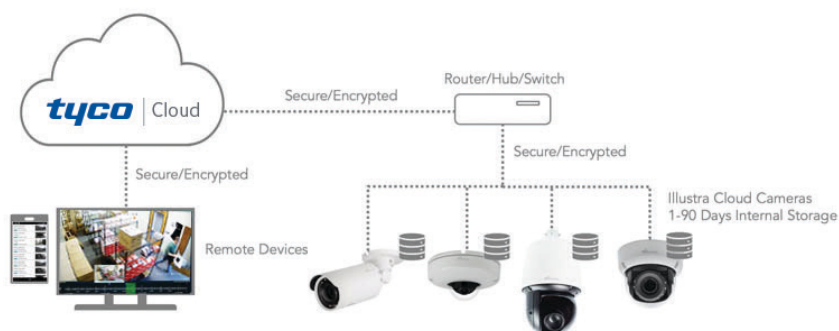
Source: Accenture and WSP Environment & Energy

Traditional Video Surveillance

Tyco Cloud Video Surveillance

No NVRs

No access panels

No software

No headaches!

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Cloud Cameras
Move your surveillance network to the cloud with all-in-one enterprise-grade cloud surveillance cameras.

System Management
Drop the cost, complexity, and security issues of NVRs with cloud-based video surveillance management.

Cloud Gateways
Connect your current cameras to the cloud and add local or cloud storage without costly camera replacement.

Go Cloud now!

To learn more about the power and freedom of Tyco Cloud or to request a free online pilot or product demo, visit **www.tycocloudsolutions.com**

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Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.tycocloudsolutions.com or follow us on Facebook, Twitter and LinkedIn.

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