



Brochure

Smarter security for always-on digital infrastructure

Avigilon for data centers

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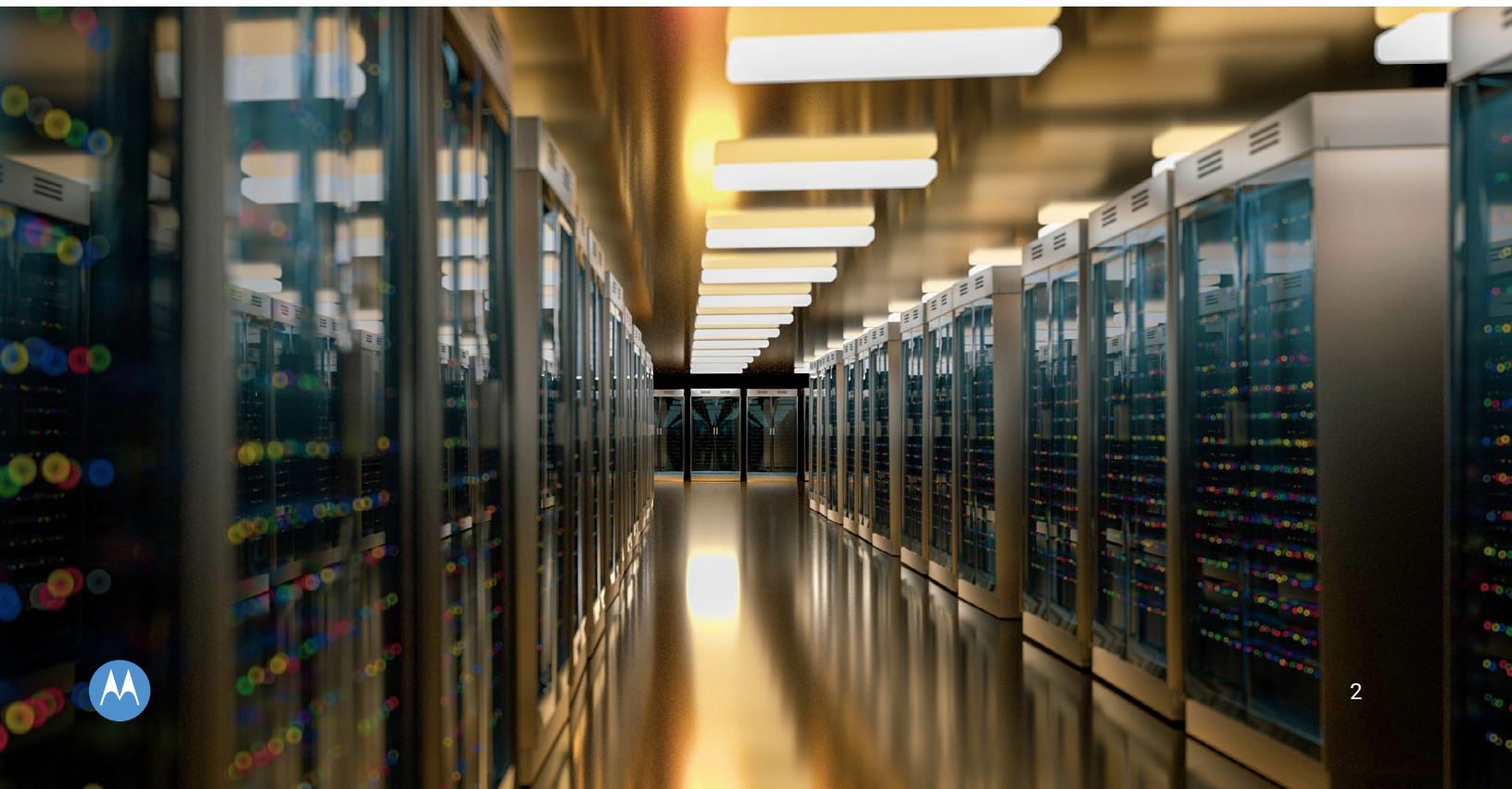
Data centers are the backbone of the digital world, housing critical systems, applications and sensitive data. As the demand for data continues to surge, so will the number and complexity of threats that these facilities face. Protecting data centers requires a security posture that addresses every vulnerability, from the perimeter to individual server racks.

Today's data centers face multifaceted threats:

- **Physical breaches:** A single physical breach can bypass millions of dollars in cybersecurity investment, leading to catastrophic data loss and service disruption.
- **Human error and insider threats:** Insider threats, whether intentional or accidental, cause over half of all data breaches.
- **Compliance and auditability:** Regulatory frameworks such as SOC 2, ISO 27001, mandate physical access controls. Failure to provide a clear, auditable trail of access events can result in fines, loss of certifications and damage to client trust.
- **Operational uptime and environmental risks:** A single minute of data center downtime can cost organizations thousands of dollars. Silent threats like overheating server racks, water leaks or power failures can cause sudden operational collapse with little to no warning.

As threats continue to evolve, protecting these facilities will require more than just physical barriers. Avigilon provides intelligent security solutions that enhance your team's capabilities and reinforce your procedures, delivering a smarter, more comprehensive defense for your data center.

Linford & Company LLP. (2025, April 16). SOC 2 Data Centers: A Guide to SOC Data Center Compliance. Linford & Company LLP. Retrieved from linfordco.com



Why Avigilon for data centers?

Avigilon empowers security and operations teams with a simple, scalable platform for complete facility-wide control.

One platform for total control and simplified operations

Avigilon provides fully integrated on-premise and cloud platforms for video security and access control, eliminating the complexity of fragmented systems. Manage security for every site, in every location, through one interface that also gives you complete control over your data.

Detect and respond faster with real-time intelligence

Act faster and with greater certainty using an intelligent platform that can automatically identify threats, from unauthorized access to unusual activity. Search for a person or vehicle of interest across all your cameras in minutes or trigger a lockdown instantly, turning real-time data into a decisive response.

Designed for compliance and high-security environments

Avigilon's cybersecurity framework is compliant with both NDAA and SOC 2 standards, providing comprehensive protection across both on-premise and cloud platforms. Our robust on-premise solution meets the highest industry standards with FIPS compliance, reinforced by role-based access controls, audit trails and hardware encryption through Trusted Platform Modules. Extend this protection to the cloud with built-in encryption, automatic updates and certifications such as ISO 27001 to help meet specific compliance needs and keep data secure, without compromising flexibility.

Scalable performance that maximizes uptime

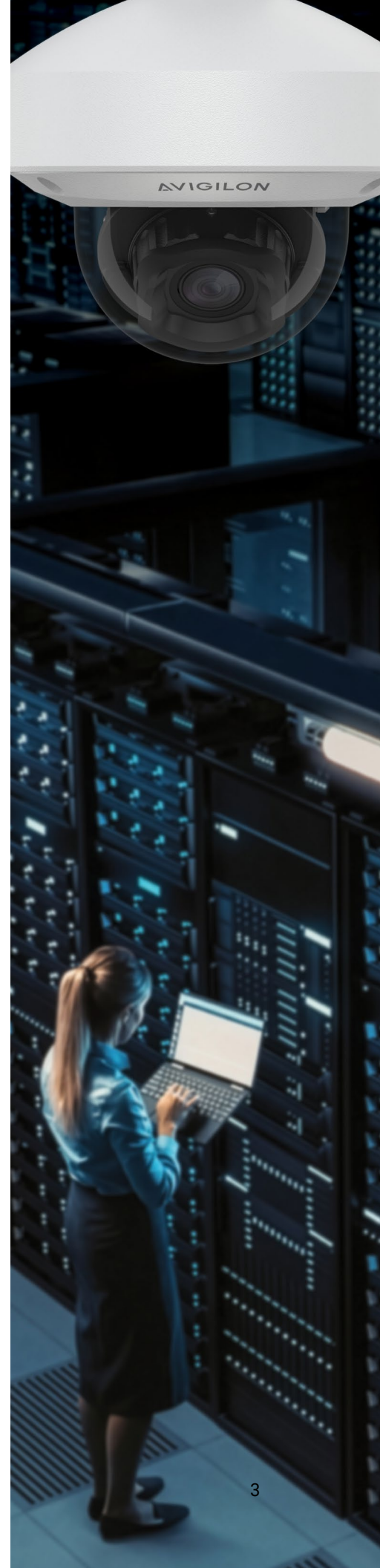
Downtime isn't an option when your facility powers the world's digital infrastructure. Avigilon supports continuous operations with intuitive software that reduces errors and advanced automation for proactive responses. Leverage your existing resources and scale effortlessly with flexible cloud or on-premise options.

Built for layered security, from the perimeter to server racks

Implement comprehensive, layered security across all access points. By integrating video security and access control, Avigilon helps to eliminate security gaps, provide a complete audit trail and enable a rapid, coordinated response to threats.

Protect your investments with an open platform

Protect your current technology investments and extend system capabilities by integrating third-party cameras, wireless locks, sensors, software and more. Avigilon's open APIs bring a wide range of integration possibilities.





Avigilon solutions for data center security

Control who gets in and keep threats out

Our robust access control solutions help ensure only authorized personnel can enter your facilities, with added security features like multi-factor authentication and biometric options. Fully integrated with Avigilon video systems, you can speed up responses with powerful visual verification tied to every access event.

Enhance visibility and reduce blind spots across sites

Get the complete picture of your facilities with Avigilon's AI-powered video cameras. Receive real-time alerts for security events like tailgating, unusual activity and audio disturbances. Radiometric thermal cameras add critical hardware protection, monitoring server temperature to send automatic alerts and prevent overheating and potential fire hazards.

Proactive, AI-powered security to act faster

Make watching live video obsolete with powerful AI analytics and innovative alerting features. Visual Alerts lets you create custom sitewide video security alerts using simple, natural language prompts and easily automate event triggers for specific events, like an open server cabinet, blocked exits or unusual motion in specific zones.

Protect against unseen threats with environmental monitoring

Safeguard your data center from a wide range of operational and environmental risks. By deploying smart environmental sensors, you can detect unseen threats like smoke, sudden changes in air quality or humidity.





Avigilon implemented at existing data centers

Based in Dubai, Moro Hub is the world's largest solar-powered data center, delivering highly secure enterprise data solutions.



Security teams now prioritize active threats rather than continuous observation, relying on real-time, AI-powered alerts that flag unusual activity.



Automated license plate recognition streamlines vehicle access with exceptional accuracy, minimizing the need for manual checks.



High-resolution cameras provide operators with superior image clarity to observe activity more effectively and streamline investigations with greater detail.



Moro Hub data centers meet stringent regulations and uphold the highest security standards. With Motorola Solutions' Avigilon as our trusted partner, we can rely on them to deliver compliant, cybersecure technology.

Mohammed Bin Sulaiman, CEO of Moro Hub



Part of a larger ecosystem

Your data center's security technologies should work as a unified platform, not in silos. Avigilon integrates with the broader Motorola Solutions technology ecosystem, connecting video, access control, voice and data to create automated workflows that streamline operations, accelerate response times and strengthen overall protection.



Book your demo today: avigilon.com/demo



AVIGILON™

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