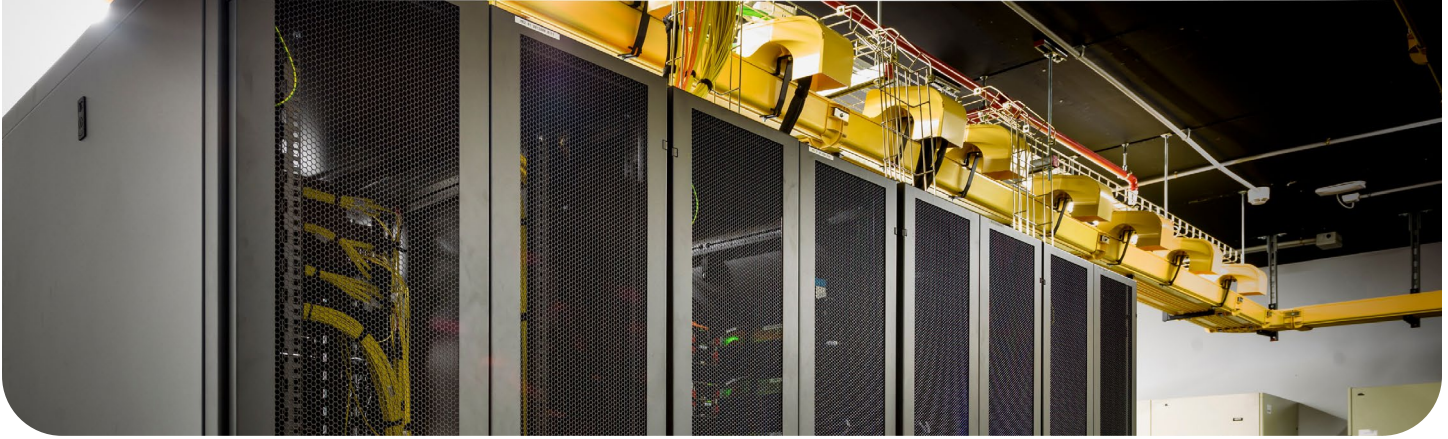Architects

Data Centers

Executive Summary

As an architect, your designs shape the future of data centers, blending aesthetics, functionality, and security into a seamless whole. However, integrating complex security, fire, and communication systems into architectural plans presents challenges that require specialized expertise. Pavion is your trusted security partner, ensuring that safety and security solutions align perfectly with your architectural vision without disrupting form, function, or efficiency.

With over 50 years of expertise and a presence in 23 countries and 70+ U.S. locations, Pavion has secured mission-critical facilities. Our design-centric approach, AI-driven security solutions, and expertise in BIM and VDC coordination ensure that security is seamlessly integrated into every stage of the architectural process.

Company Overview

Architectural Security Expertise You Can Trust

Pavion partners with architects to integrate advanced security, fire protection, and communication systems into data center designs while maintaining aesthetic and functional integrity. Our expertise includes:

Discreet Security & Access Control
Seamless integration of biometric verification and multi-layered authentication systems

Fire Protection & Life Safety
NFPA, UL, and ISO-compliant solutions that prioritize safety without compromising design

AI-Powered Surveillance & Perimeter Security
Advanced analytics for smart, automated threat detection

BIM & VDC Coordination – Optimized security system placement for streamlined project execution

Sustainable & Code-Compliant Security Solutions
Meeting LEED and environmental standards while ensuring safety

Our Reach & Capabilities

◊ **23 Countries, 70+ U.S. locations**

◊ **1,350+ field experts specializing in security system integration**

◊ **Trusted by Fortune 500 enterprises & data center leaders**

◊ **Industry-leading compliance certifications ensuring project success**

By collaborating with architects from concept to completion, Pavion ensures that security is seamlessly woven into the design rather than treated as an afterthought.

Project Approach & Expertise

Designing Security Without Compromising Aesthetics

Architects require security solutions that complement their designs rather than disrupt them. Our process ensures that security is thoughtfully planned and elegantly integrated:

1. Early-Stage Design Collaboration:

• Consultation on security-conscious architecture that blends safety and aesthetics

• Risk assessments and compliance planning for UL 2050, NFPA, ISO 27001, and SOC 2

• BIM and VDC integration for optimal security system placement within architectural blueprints

2. Seamless System Integration During Construction:

• Collaboration with General Contractors, MEP teams, and IT specialists

• Precision installation of security systems that align with the building's infrastructure

• Minimized visual footprint while maintaining robust security features

3. Post-Construction Security Enhancements:

• AI-powered surveillance, remote monitoring, and 24/7 security system management

• Preventative maintenance to ensure long-term reliability and performance

• Subscription-based Security-as-a-Service (SaaS) for scalable, future-proof security

By integrating security into architectural blueprints from the outset, Pavion helps reduce costly design modifications, enhance compliance, and maintain the aesthetic integrity of your projects.

Trusted by
Fortune
500
Companies

Industry & System Experience

Pavion collaborates with architects designing cutting-edge, high-performance data centers for industry leaders, including:

Government & High-Security Facilities:
UL 2050-certified SCIF environments

Our architectural security expertise ensures that your designs meet the highest safety and compliance standards while preserving their original intent.

Technology That Works For You

Service Coverage & Ongoing Support

Pavion provides end-to-end security design and support, ensuring that security remains an integral part of your architectural projects:

Nationwide & Global Reach
– Covering 23 countries & 70+ U.S. locations

Dedicated Security Design Consultants
– Providing guidance from blueprint to final installation

4-Hour Emergency Response
– Rapid on-site assistance for security system adjustments

Predictable Subscription-Based Security Plans
– Offering scalable, future-proof solutions

By working with Pavion, architects can confidently create security-conscious, future-ready designs without compromising their vision.

Compliance & Reliability

Architects must meet strict security and compliance regulations while preserving their design vision. Pavion ensures full adherence to:

UL 2050-Certified Security Standards for high-security data center environments

ISO 27001 & SOC 2 Compliance for industry-leading security protocols

NFPA & UL Fire Code Regulations for fire protection and life safety compliance

AI-Powered 24/7 Security Monitoring to detect and mitigate threats in real-time

By ensuring security is both compliant and design-integrated, Pavion helps architects create future-ready, high-performance data centers.

Current Partners & Customers

Pavion has collaborated with leading architectural firms and data center providers to integrate security seamlessly into world-class designs.

Our architecturally sensitive approach to security ensures that your designs remain functional, compliant, and aesthetically refined.

Why Architects Choose Pavion
Your Design Vision, Our Security Expertise

Pavion partners with architects to bring security into the design process without compromise - prioritizing both aesthetic design with functional and effective security measures. Our unique value proposition includes:

Early-Stage Security Planning
– Ensuring security is built into designs, not added later

Minimal Disruption to Aesthetic Integrity
– Blending security seamlessly with architecture

BIM & VDC Security Integration
– Streamlining project coordination and execution

Regulatory Compliance & Risk Reduction
– Meeting the highest security and fire safety standards

Proven Success
– Trusted by leading architects and data center providers

Partner with Pavion to design secure Data Centers

By choosing Pavion, architects gain a security partner that understands design, compliance, and functionality, ensuring that security is embedded into every project without disrupting the creative process.

◊ **Contact Us**
◊ **Visit Us: www.pavion.com**
◊ **Global Presence: Offices in 23 countries and 70+ U.S. locations**

About Pavion

Pavion Connects and Protects by providing Fire, Security, and Integration solutions to customers in 70+ U.S. locations and 23 countries. The company brings industry-leading experience to clients in the enterprise, healthcare, education, government, data center and retail industries. Its mission is to bring clarity and transformation to safety, security, and communication through technology and radical service.

Learn more at Pavion.com.

Our Industries

We've built solutions for many different industries, and we're ready to provide you with the service and solutions you need to Connect and Protect what's important.

Destination Retail	**Healthcare & Pharmaceutical**
Distribution & Storage	**Jails, Prisons & Detention Centers**
Education Finance & Insurance	**Property Management**
Goverment & Defense	**Technology & Data Centers**

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SDM SYSTEMS INTEGRATOR OF THE YEAR 2023

scn TOP 50 SYSTEMS INTEGRATORS