

CASE STUDY

Security and Compliance: Two Must-Haves for Federal Data Center Environments

**Federal Systems Integrator DYONYX
Turned to CyrusOne for Secure and
Compliant Colocation Services**



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The Situation

While security and compliance are paramount concerns for companies of all sizes, these issues are of particular concern to federal systems integrators, who support the IT infrastructure of many federal agencies. Federal agencies are prime targets for criminals targeting buildings, employees, IT equipment, and mission-critical data. Federal systems integrators, who support the IT infrastructure of many federal agencies, must maintain constant vigilance against threats to national security.

Keeping the government's IT infrastructure safe, compliant and operational 24/7 year-round requires a highly available, reliable, data center facility. For over a decade, federal agencies have turned to DYONYX LP, a total IT solutions provider to the public and private sectors, to help them find the right third-party data center solution.



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The Challenge

“A federal agency approached us looking for a highly secure data center outside the DC area that would support geographic diversity,” said James Melchor, CTO at DYONYX LP. “Given government mandates for the most stringent levels of physical security and regulatory compliance, we were able to narrow our search for colocation providers to a short list of qualified data centers.”

The Action

DYONYX sought a data center provider that would deliver enough redundant power, bandwidth capacity, structural and physical security, and expert staff to ensure 100 percent uptime while meeting key government requirements. Not only would such a partner support DYONYX’s government clients, but it could also provide secure colocation solutions to other clients looking to relocate their primary production and/or backup IT platforms off-site.

The Solution

After reviewing their short list of potential colocation providers, DYONYX selected CyrusOne.

“We chose CyrusOne due to its geographic diversity, multilayered physical security, redundant power supplies, carrier neutrality, and superior uptime levels and SLAs,” Melchor said. “Since establishing our relationship with CyrusOne, we have seen their data center portfolio expand into new geographic regions. CyrusOne’s expansion works great for us since it further supports our own data center platform roadmap,” he added.



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The Results

DYONYX finds working with CyrusOne for colocation enables them to tap into subject-matter expertise they can then provide to their customers. A flexible CyrusOne arrangement empowers DYONYX to provide scalable IT colocation solutions based on clients' evolving data center infrastructure requirements.

CyrusOne's audits and data center certifications - SSAE 16 (SOC 1,) SOC 2, PCI DSS v3.1, ISO 27001:2013, HIPAA and FISMA - provide essential compliance support for DYONYX. CyrusOne's colocation facilities offer high availability and redundancy in power and cooling. In turn, DYONYX provides its government and non-government customers with the uptime and reliability their mission-critical IT environments demand.

For example, during Hurricane Ike in 2008, much of Houston suffered power outages, including DYONYX's own headquarters building. The CyrusOne Houston data center, however, remained up and running thanks to generators that supplied sufficient backup power during the crisis. Therefore, DYONYX and its customers experienced no impact.

The long-term relationship between the two companies continues to grow. In fact, the federal agency that colocated its IT at a CyrusOne facility for over 10 years is a strong testament to the wise choice DYONYX made by selecting CyrusOne as its trusted data center provider.

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About DYONYX

Founded in 1996, DYONYX LP is an award-winning total solutions provider dedicated to helping clients across the globe increase their productivity and solve multiple problems through one delivery system. Consulting services include regulatory compliance, security assessments, risk assessments, gap analysis, business process optimization and high-level IT strategy. Managed services include virtual cloud services, an ITILv3-aligned service desk (help desk), managed network and security, disaster recovery, and hosted exchange. IT services include implementation and support for enterprise architectures, BC/DR, IT assessments and strategic planning, technology migrations and implementations, and program management/PMOs.

Learn more about our business-first solutions at www.dyonyx.com.

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About CyrusOne

CyrusOne (NASDAQ: CONE) specializes in highly reliable enterprise-class, carrier-neutral data center properties. The company provides mission-critical data center facilities that protect and ensure the continued operation of IT infrastructure for hundreds of customers, including many of the Fortune 1000.

CyrusOne's data center offerings provide the flexibility, reliability and security that enterprise customers require, which are delivered through a tailored, customer service-focused platform designed to foster long-term relationships. CyrusOne's National Internet Exchange (IX) provides robust connectivity options that help drive revenue, reduce expenses and improve service quality for the enterprise. CyrusOne is committed to full transparency in communication, management and service delivery throughout its worldwide footprint of enterprise data centers.

Learn more at CyrusOne.com.

About the Author

Fred Holloway, Vice President of Sales and Government Programs at CyrusOne, is responsible for the development and general management of CyrusOne's federal data center solutions business. With over 25 years' experience managing global sales teams at the enterprise level, Fred brings rigor to programs that leverage more than 120 partners to provide services across various disciplines, enabling federal system integrators to deliver IT services without hefty capital infrastructure investments.

