

Data Center Optimization

Maximize IT operational efficiency

No matter which applications you use, or server platforms or storage preferences you have, every data center must have a network for high-speed communications and the right environment to maintain an always-on IT infrastructure. The mission of the Sirius Data Center Optimization team is to architect, design and provide highly available, scalable, performing and recoverable LAN, SAN, WAN, and the physical infrastructure needed to support overall IT operations. Our methodology follows a simple process:

Centralize distributed IT hardware and implement WAN optimization and load balancing technologies to reduce the number of IT closets used to house equipment, and maximize the end-user experience.

Virtualize centralized server, storage and networking devices to primary and tertiary facilities.

Right-size the physical infrastructure (space, power, cooling, racks, and cabling) based on its virtualized IT infrastructure.

QUANTIFIABLE RESULTS

Using this *centralize, virtualize, and right-size* methodology, Sirius' Data Center Optimization team can help you:

- ♦ Reduce data center power consumption
- ♦ Take advantage of green programs and funding
- ♦ Improve power usage effectiveness (PUE)
- ♦ Extend the life of data center resources
- ♦ Increase IT hardware utilization
- ♦ Reduce deployment times and complexities
- ♦ Increase resiliency and speed-to-recovery



SIRIUS AT A GLANCE

Since its founding in 1980, Sirius has grown to one of the largest IT solution providers in the U.S.

- ♦ Privately held, headquartered in San Antonio, TX
- ♦ Over 10,000 clients in the U.S.
- ♦ Over 4,500 professional and technical certifications
- ♦ Approximately 1,100 employees, with sales locations across the U.S.
- ♦ Eight Sirius Technology Enablement Centers (TECs)
- ♦ A state-of-the-art Command Center for Managed Services offerings

Strong partnerships with today's leading technology innovators

Sirius actively partners with leaders in all categories of hardware, software, storage, networking and security, to provide complete solutions that feature best-of-breed technologies. Sirius is a:

- ♦ Cisco Gold Certified Partner
- ♦ VMware Premier Partner
- ♦ F5 Gold Partner
- ♦ APC Elite Data Center Partner
- ♦ Panduit Certified Systems Integration Partner





SIRIUS DATA CENTER SERVICES OFFERINGS

Unified Compute Infrastructure

- † Data Center Optimization Briefing Services
- † Cisco UCS Proof of Concept Services
- † Cisco UCS Architecture & Design Services
- † Cisco UCS Implementation Services
- † Cisco UCS Capacity Planning & Performance Tuning Services
- † Unified Network Assessment & Roadmap Services
- † Unified Network Proof of Concept Services
- † Cisco Nexus Implementation Services
- † Cisco Nexus Capacity Planning, Performance Tuning & Support Services
- † Physical Infrastructure Health Check Services
- † Physical Infrastructure Assessment Services

Data Center/Facilities

- † Physical Infrastructure Project Definition Workshop Services
- † Physical Infrastructure Project Planning and Management Services
- † Hardware Relocation Services
- † Physical Infrastructure Maintenance and Support Services
- † Physical Infrastructure Co-Location Services

Descriptions of all these services can be found in the Sirius Services Catalog, a comprehensive listing of all services offerings available from Sirius' highly experienced and certified consultants. You can download the entire Services Catalog, or the Data Center Services chapter, at siriuscom.com.

You can also contact your Sirius client executive or networking sales specialist for more information.

WHY TO CHOOSE SIRIUS FOR DATA CENTER OPTIMIZATION

Here are some of the reasons clients continue to choose Sirius for their Data Center Optimization needs:

- † Twelve dedicated Senior Data Center Engineers, supported by 400 Sirius Field Engineers
- † Over 150 years of combined data center design and implementation experience
- † A strong work history across all major industry verticals
- † Certified Data Center Designers for CCIE, UCT, UFT, LEED, DCU, IDC, RCDD and BICSI
- † Master, premier and elite status with major vendors to ensure the highest level of support and service
- † Certified Project Managers on staff to oversee processes, costs and timelines
- † Immediate access to professional engineers and architects to certify our designs
- † Preexisting contractor relationships to provide turnkey installations
- † A 24x7 staffed operations center for Managed Services support
- † Full complement of data center maintenance services to keep your facility operating optimally

