



Full Data Center Outsourcing

Your Premier Partner for Turnkey Hosted Solutions

It's a new generation of virtualization. Today's hosted solution must be purposefully architected to withstand tomorrow's demands. With extensive critical data, emerging requirements, evolving technologies and expanding operational goals, businesses are re-evaluating the criteria behind their IT infrastructure.

Whether you're a small business or large enterprise, there's a clear advantage to obtaining the right hosting partner. The costs and effort associated with managing your own IT infrastructure has become exorbitant – buying versus leasing licenses, space constraints, power/cooling efficiency, resources, ranging knowledge base, updating technologies and equipment maintenance. Symmetry delivers viable solution options through its full-range integrated hosting services that are secure, flexible, affordable hosting plans and complete data center services.

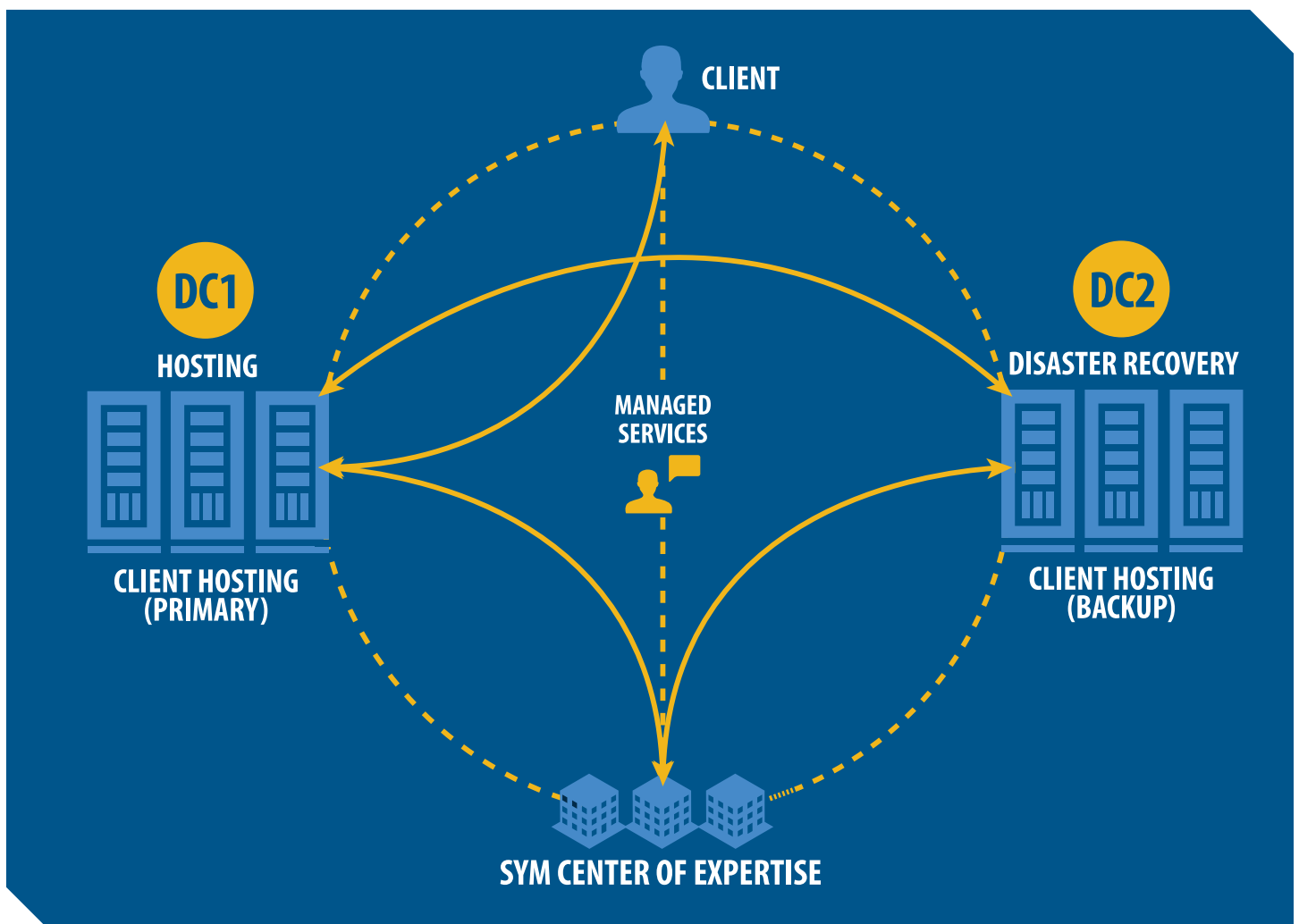
Symmetry's Integrated Data Center Approach a Complete Hosted Solution

As the Premier Hosting and Managed Services Provider, Symmetry has the security, quality and affordability built into our Hosting solutions and datacenter services, that specifically are designed to reinforce confidence for our customers. Symmetry has combined certified expertise in Hosting architecture in an all-inclusive integrated data center approach through hosting and managing SAP and non-SAP application management to create "Sym-Hosting", this certified solution that ensures secure, stable and optimally-performing environments.

In Symmetry's tier III facilities, Symmetry delivers customers optimized, integrated cloud and hosting solutions. Our state-of-the-art hosting facilities provide flexibility to host and manage customers' entire data centers operations; encompassing multiple platforms, including SAP and non-SAP, integrating 3rd party applications. Symmetry's hybrid data center solutions are road mapped, built, and supported by industry leading network, infrastructure, security, and application engineer teams

Symmetry's Hosted Solution Made Simple

Symmetry's hosting clients consolidate equipment, scale out without delay and eliminate extra expenditures. Above all, our hosting solutions promise more reliable protection and stability through the multiple layers of security, redundancy, and 24x7 monitoring on-site at the data center and throughout our application management.



Certified Expert Team

As certified cloud and hosting provider, Symmetry is a leader in managed services by integrating end-to-end hosting solution options with the agility and security of our world-class data center network. The difference is a single-source support team backed by enterprise-grade data centers. The result: peace of mind from a seamless, comprehensive delivery model.

All of our certified experts follow a client-centric approach. No landscape or set-up requirement is outside our realm of capabilities. Our wide-ranging IT talent is versed across the entire infrastructure architecture. Each specialist stays abreast of the latest industry innovations, through internal cross-training, and partner certification programs. We recognize and truly understand your unique operational challenges, in order to tailor a solution that will bring the best value to your business.

Symmetry's data center professionals have the following years of experience:

Solution / Technology / Topic	# of System Admins.	Experience (Min/Max)
VMware	5	4 / 15 yrs.
AIX Administration	3	3 / 9 yrs.
IBM I Administration	2	4 / 30 yrs.
WAN Management	5	2/ 20 yrs.
LINUX Administration	5	2 /8 yrs.
Windows Administration	14	4 / 18 yrs.
DB2 Administration	3	4 / 15 yrs.
MSSQL Administration	2	4 / 10 yrs.
Oracle Administration	2	4 / 10 yrs.
MAXDB Administration	2	4 / 10 yrs.
IBM Hardware Certification	3	3 / 30 yrs.
HP Hardware Certification	5	4 / 13 yrs.

Symmetry Partners With:

Symmetry's expert data center engineers are certified experts in the following areas:

- IBM i7.1 Administration
- IBM AIX Administration
- IBM Power Systems Technical Specialist for IBM i
- IBM Power Systems Technical Specialist for IBM AIX
- MIMIX Administration
- IBM V7000
- VMware VCP5
- Junos JNCIA
- Novell: SUSE Certification Linux Administrator
- Linux Professional Institute Cert., Level 2 (Advanced Linux Professional)
- VMware Certified Professional
- HP Accelerated SAN Essentials
- Managing HP StoreOnce Backup Solutions
- Arrow Enterprise Computing Solution Partnership
- IBM Partnership
- SSAE16 SOC 1 Type 2 Certified
- VSPP (VMware Service Provider Partner) Professional Level Partnership
- HP Cloud Agile Partner
- HP Gold Partner – Service Provider

Dedicated Systems from a Dedicated Partner

Flexibility means the freedom to choose. Symmetry offers customizable hosting options that will best meet your operational challenges, compliance requirements and budget. Due to the decreasing cost of hardware and maintenance through a hosting partner, clients avoid costly and often unnecessary equipment expenses. Symmetry's shared infrastructure model delivers the best value to client businesses.

Our clients customize the hardware, software and managed services fit to their goals. Rather than locking you into a choice, we work with you every step of the way to understand and create the right environment built for the highest performance and lowest total cost of ownership.

There are many questions and considerations when it comes to hosting. Consult with Symmetry to assess your business' unique requirements and check off your hosting options.

Dedicated Systems vs. Shared Systems

- **Security:** Is it a compliance issue if you share back-up tape with another organization?
- **Performance:** Can you afford slow performance because of another organization sharing your system?
- **Downtime:** Can you afford an unplanned outage because of another customer's issues? Can you afford downtime because another customer requires maintenance?



DEDICATED SAN & BACKUP I/F

Boost Your Bottom Line with Economies of Scale

- Integrated systems vs. costly purchasing cycles for hardware
- Buy through a preferred partner
- Pay by the rack vs. pay by the gigabyte
- Don't get penalized when your business grows
- No budget blow-outs because you always know what costs to expect



DON'T PAY FOR EXCESS

Hardware Constraints vs. Flexible Infrastructure Options

- Flexible equipment purchasing model
- One-stop-shop
- 100-percent transparency on hardware costs
- Only purchase what you need



BUILD AS YOU GROW

True Flexibility

While the majority of hosting providers lock their clients into using only one type of hardware, and one choice of infrastructure, Symmetry provides complete flexibility. Symmetry integrated data center approach give the client the freedom to choose the hosting option that best meets your business needs, compliance requirements and budget.

Hardware

Flexible options for hardware ownership allow you to find an option that provides your business with the best budget advantage:

- Lease equipment through Symmetry
- Buy equipment through your preferred vendor
- Relocate your current hardware to our hosting facility
- Use a shared resources model if desired

Infrastructure

The decreasing cost of hardware, and an increasing demand for virtualization allows us to deliver more flexible options for infrastructure.

Choose from a traditional shared infrastructure or take advantage of affordable options for dedicated hardware. These reduce the risk of downtime and provide improved performance and security over shared models.

Application Hosting

- Active Directory
- Web Servers
- Mail Servers
- File Servers
- Hypervisors
- And many more...

"Symmetry never assumed anything; instead they guided us through each step of the process, making sure every milestone was fulfilled to our standards. The new environment is faster to say the least."

– Joe Bohte, Pemco



Partnering for the Long Term

When you host with Symmetry it is with a trusted partner rather than a stranger in an unknown data center. Symmetry takes a unique approach to hosting and integrated managed services by providing each client

With a dedicated support team of highly-trained, US-based experts. By establishing an ongoing relationship rather than one-off consulting assignments, your Symmetry team develops a deep knowledge of your unique environment.

The result is seamless interaction between your staff and ours and a better understanding of the long-term strategic direction of your hosted environment.

End-to-End Data Center Support – Symmetry's Success Stories



When major players like Google, Microsoft and Facebook decide to relocate their data centers to the Midwest, you know there's a business advantage behind their decision. Where your IT infrastructure is physically located is key. Symmetry's

Midwest data center locations boast significant advantages, even beyond being an environmental safe zone, such as less energy costs and more efficient climate control.

- **Less Capital Expense:** Real estate, upkeep and utility prices are much more affordable than East or West Coast properties.
- **"Safe Haven":** Natural disasters are far less likely in the Midwest. There is little or no risk of hurricanes, earthquakes, mudslides, wildfires, floods or tsunamis, which are more prevalent along the coasts, southern low plains and Gulf region. In addition, the central region poses a far lower risk of terrorist threats, being further from high profile metropolitan locations.
- **Climate:** Power and cooling requirements alter year-round, especially in more seasonal climates. Naturally cooler weather patterns keep cooling and energy costs down, which makes the Midwest more ideal and sustainable.

"Symmetry's focus is our system's performance. That's true customer service. I cannot overly express how their performance was night and day contrast with our previous hosting provider's. I have peace of mind that the advice I get from Symmetry will be both expert and correct. In addition, we experienced a 66 percent savings in direct cost, while gaining a 15 percent increase in performance." – Chris Crofoot, ATS

World-Class Hosting Services

Hosting vendors can only achieve excellence in customer service, if backed by a best-in-breed data center network. Symmetry knows uptime and security can mean the difference in your operation's productivity and seamlessness, which ultimately affects your bottom line. That's why our data center partner facilities meet the highest in industry standards, from low-cost utilities, climate-controlled environments and intelligent security structure to state-of-the-art equipment, technologies and design.

Redundant...Everything: Redundant power supplies, uninterrupted power supplies, redundant networking connections, multiple redundant cooling systems (HVAC), redundant fire suppression.

Back-Up for Business Continuity: Two diverse path feeds from two different substations, 6 MW critical power load and N+1 1.5MW Cummins generators assure uptime. Dual entrances to multiple telecommunications rooms.

Innovation through Technologies: The proof is in the leading partnerships: Cisco, Citrix, EMC, HP, Microsoft, VMWare and more. Continual maintenance, upgrade and wide selection of top-of-the-line equipment support peak performance.

Physical Security: Designed to safeguard against both man-made and natural disasters, including water damage protection. Very Early Smoke Detection Apparatus, FM200 Clean Agent, fire suppression technologies and industrial-grade construction help prevent the risk of fire or fire damage. Solid non-raised floors withstand heavy loads, reduce stress or movement, promote a more sterile environment, and allow for better temperature management.

Monitoring Security: Multilevel biometric (iris and fingerprint) and proximity card system control access throughout each facility sector. Surveillance system records and monitors all entrances and individual suites. On-site security officers patrol the internal and external parameters 24x365.

Agility: Open suites, flexible options and room for physical growth ensure your business can scale out without delay, move to a cloud solution or modify your hosting plan simply.

Compliance: Meet stringent standards per HIPPA, ITAR, SOX, GLBA and PCI-DSS.

SSAE 16 Type II Certification: Since 2011, SSAE 16 compliance has replaced SAS 70, as the industry standard in for auditing and controls. Type II reports go a step beyond Type I by collecting detailed evidence throughout an extended evaluation period, providing further insight into resource, process and technology competence.

Delivering Our Best: When you match our best-in-class service with best-in-breed facilities, Symmetry's hosting clients experience next to zero interruptions, mitigate risk, scale out quickly and save on total cost of operations. We size your SAP environment, design your architecture and network, migrate your system with little to no downtime, and provide ongoing application management.

Sym-Spotlight:

An Insider Guide to our Tier III Data Center Network



Madison

Facility

- Tier III
- SSAE 16 Type II compliant
- Phase I in 2008; expanded in 2011 with capacity for further development
- 46,000 square feet total; 32,000 square feet in service
- Custom access 24/365
- Loading dock (raised)

Power & Cooling

- Madison Gas & Electric
- Two diverse path feeds from two different substations
- 6 MW critical power load
- N+1 1.5 MW Cummins generators
- 2N UPS
- N+1 HVAC
- VESDA fire detection
- FM200 clean agent fire suppression

Connectivity

- Carrier neutral facility
- AT&T, Charter, TDS, WIN
- Dual entrances to multiple telecommunications rooms

Bandwidth

- Path and carrier redundancy
- Dynamic BGP routing access across multiple carriers
- Redundant routers
- Edge switches

Security

- Private suite, cage or cabinet
- Multi-level biometric and proximity card system
- Recorded and monitored digital video at all entrances
- Facility security patrol 24/365 internally and external parameters



Chicago

Facility

- Tier III
- SSAE 16 Type II compliant
- Purpose-built building originally constructed as a data center shell in 1999
- 12 in. reinforced concrete wall construction, able to withstand winds in excess of 90 mph, and located outside of flood plains
- Building standards meet NEBS Level-3 compliance

Power & Cooling

- Redundant power infrastructure on all system levels
- On-Site diesel fuel-based power generation
- Multiple power lineups with high-density deployments available
- Power backup systems include redundant Power Distribution Units (A+B) and UPS
- Multiple thermal layers and real-time electronic adjustment of cooling needs for each individual cage or cabinet space

Connectivity

- Maintains multiple top providers and carriers

Bandwidth

- Multiple fiber route entrances to the building
- Redundant low-latency DWDM connection to 350 Cermak to pick up additional carrier as requested

Security

- 24x7 building access
- 24x7 on-site security and NOC staff
- Alarm system with camera surveillance covering the entire perimeter of the building, throughout the data center area and all entrances and exits
- Secure entrances include mantraps, biometrics, key card access and multi-factor authentication
- Secure loading dock

Making Your Move: Expert Support Every Step of the Way

Since day one, migration projects have been the core of Symmetry's managed services. We focus on helping our clients realize more stable, high-performing environments, through our timely, applied best practice methodology.

Our specialized teams of certified migration consultants have performed migrations on next to every operating system, across any platform. From project road-mapping and preparation through steady state operations, Symmetry has the resources and proven experience to make your project as simple as possible, no matter the complexity of your operations.

Your internal IT team can rely on Symmetry's experts to handle each project milestone for a hands-off, yet tuned-in, experience.

DATA CENTER HOSTING: PROJECT MILESTONES

CONSULT & PLAN



- ENVIRONMENT ASSESSMENT
- PROJECT MAP & CONSULTATION
- PREPARATION

HARDWARE & SIZING



- SPECS & SIZING ASSESSMENT
- NEW HARDWARE ORDERED
- INSTALLATION
- VALIDATION & SYSTEM CHECKS

MIGRATION & TESTING



- SANDBOX (SBX) MIGRATION
- FUNCTIONAL & OPERATIONAL TESTING (F.O.T.)
- DEV MIGRATION / F.O.T.
- QAS MIGRATION / F.O.T.
- PRD MIGRATION

MANAGED SERVICES



- GO-LIVE
- END USER VALIDATION
- OPTIMIZE LANDSCAPE
- STEADY STATE OPERATIONS
- ONGOING SAP MANAGED SERVICES

About Symmetry

Symmetry Corporation, an SAP Services Partner Certified in Hosting, Cloud and SAP HANA® Operations Services, provides technical managed services, security administration and project consulting in support of SAP solutions for customers in the U.S. and around the world. Based at Symmetry's Center of Expertise in Milwaukee, Wis., our large staff has extensive experience in Basis, the SAP NetWeaver® technology platform and security consulting. With a proven methodology for delivering technical managed services in support of SAP software, Symmetry delivers flexible, high-quality solutions that help reduce the total cost of ownership and enable high-performing, secure, stable SAP solution-based environments.



For more information, please contact our Business Development Department at:

888-SYM-CORP
SymmetryCorp.com

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