PRODUCTS & SERVICES

Hosted Core Solutions (Production, Failover, & Tertiary) – Hosted Core Solutions including production, failover and tertiary backup systems are key areas for Symitar client credit unions. 2nd Node offers hosted core services solutions to Symitar host system clients without the capital expense of purchasing and maintaining an IBM host system. 2nd Node provides options for solid state drives or SAN disk for data storage based on client operating requirements.

Business Continuity/Resumption Services – Business Continuity and Resumption Services provides a solution for client institutions to utilize 2nd Node work space to house staff members, emergency teams, leadership and planning in case of a disaster. Many disaster recovery centers offer data center and equipment with no location for support staff or management teams to work. 2nd Node provides this service as a part of or separate to the Disaster Recovery Services.

Disaster Recovery Services – Provided to institutions that require assistance in a disaster situation, 2nd Node has the capacity to offer COLD, WARM and HOT data systems which can be used to operate client systems should the primary data encounter a disaster. Client institutions will be identified or approved based on regional diversity in order to insure 2nd Node can provide a quality service to support clients impacted by a catastrophic event.

Intrusion Detection & Prevention Services – 2nd Node provides industry leading network intrusion detection and prevention. Individual management portals are provided for reporting, as well as incident response and resolution.

Colocation Facilities – Purely offering space with power and environmental control, including UPS, power generator, A/C, security, telecom connectivity, etc., is an ongoing need for many institutions. Whether housing the primary data center at 2nd Node or utilizing 2nd Node for housing data and/or redundant systems, 2nd Node provides a secure facility with server rack space, power distribution, cages, and environmental controls to meet the requirements of its' clients.

Multi-Purpose Business Center & Meeting Rooms – 2nd Node provides state of the art multi-purpose meeting rooms with full audio and video conferencing capabilities. Rooms are equipped with Smart board technology for planning and presentations along with remote communication capabilities for collaborating sessions with other Smart Board equipped facilities. These rooms are excellent for off-site meetings, planning sessions, remote testing of work groups and network connectivity.

Smart Hands Support Services – 2nd Node provides access to technical expertise in the areas of network operations, communications, systems, data management and assistance with break/fix support. Clients can be assured that 2nd Node staff can assist in helping them operate in a remote environment by having experts on location that understand the importance of systems and network availability.

2ND NODE®

912.201.1853
www.2ndNode.com

2ND NODE®

Cloud-Based Computing

2nd Node Cloud-Based Computing provides hosted computing services, enabling your organization to access and manage its applications via the internet.

2nd Node delivers a unique cloud architecture offering flexible outsourcing options to help institutions transition their core and business critical applications to the cloud.

A Full Service Solution

2nd Node Cloud Services provide your organization the ability to replicate virtual servers, store data and system files, electronically vault system backups, operate and/or restore network systems in the 2nd Node virtual environment and replicate their primary data center SAN(s) to the 2nd Node SAN storage systems.

High performance network concentrators are used for optimizing and encrypting your data communications for remote operations and production systems.

Cloud Virtualization

2nd Node Cloud Virtualization facilitates dynamic scaling of your server, storage, and network resources providing customized computing in a utility model. Using virtualization, 2nd Node enables you to take advantage of this solid foundation with platforms and solutions to power even your most demanding cloud infrastructure needs.

To help you deliver a competitive advantage 2nd Node Cloud Virtualization is secure, flexibly tailored, and aligned to meet your individual needs.

Data Center Cloud Solutions

- Colocation (SSAE 16 Facility)
- Data Replication
- Dedicated Servers
- Virtualization
- Cloud Services
- Fully Managed Equipment
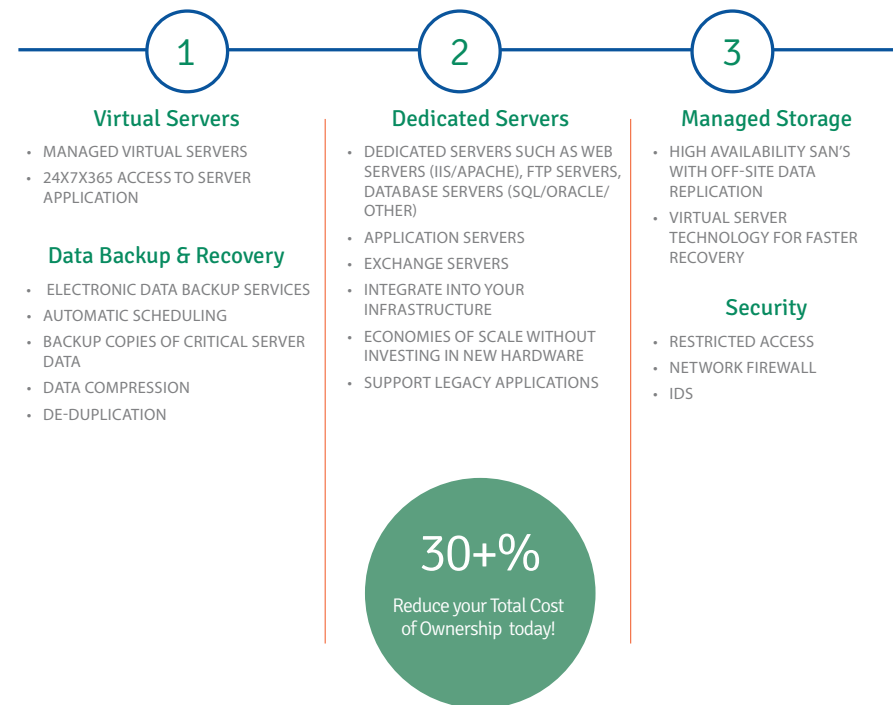- Secure Infrastructure

Key Benefits

✓ Quickly provision compute resources to improve time-to-market.
  - No more waiting for board approval for purchasing new equipment, then having to configure and manage it.
  - Rapid provisioning of CPU/Memory/Storage provides immediate environment for Development, Testing, Production or complimentary applications.

✓ Reduces capital expenses and TCO up to 30% or more.
  - 2nd Node can provision precisely configured Servers and Storage that can scale dynamically, while you pay for only what you require.

✓ Hardware consolidation.
  - Virtualization = Greater resource utilization. Using 2nd Node's Utility model allows you to buy as you go, reducing your in-house hardware footprint.

✓ Delivers scalable and adaptable IT infrastructure.
  - Just-in-Time compute resources can scale up or down as needed.

✓ Improves administrative and operational efficiencies.
✓ Improves availability, recovery, and flexibility.
✓ Secure data replication and archival.
  - Utilizing encryption and WAN Optimization, 2nd Node delivers a vast, secure methodology for replicating data over distance for safe archival.

✓ Improved security, disaster recovery with better recovery time objectives and regulatory compliance with dedicated private solution that optimizes resources.

Cloud-Based **Computing Services**

2nd Node Cloud-Based Computing Services can you turn your capital expenses into operating expenses, helping you to lower your Total Costs of Ownership (TCO) by up to 30% or more.

(1) ———— (2) ———— (3)

Virtual Servers
- MANAGED VIRTUAL SERVERS
- 24X7X365 ACCESS TO SERVER APPLICATION

Data Backup & Recovery
- ELECTRONIC DATA BACKUP SERVICES
- AUTOMATIC SCHEDULING
- BACKUP COPIES OF CRITICAL SERVER DATA
- DATA COMPRESSION
- DE-DUPLICATION

Dedicated Servers
- DEDICATED SERVERS SUCH AS WEB SERVERS (IIS/APACHE), FTP SERVERS, DATABASE SERVERS (SQL/ORACLE/OTHER)
- APPLICATION SERVERS
- EXCHANGE SERVERS
- INTEGRATE INTO YOUR INFRASTRUCTURE
- ECONOMIES OF SCALE WITHOUT INVESTING IN NEW HARDWARE
- SUPPORT LEGACY APPLICATIONS

Managed Storage
- HIGH AVAILABILITY SAN'S WITH OFF-SITE DATA REPLICATION
- VIRTUAL SERVER TECHNOLOGY FOR FASTER RECOVERY

Security
- RESTRICTED ACCESS
- NETWORK FIREWALL
- IDS

30+%
Reduce your Total Cost of Ownership today!

2nd Node Cloud-Based Computing Services provide the flexibility to address your unique hardware scaling challenges. Everything from speeding time-to-market to efficiently managing additions to capacity.