

## PRODUCTS & SERVICES

**Private Cloud Computing** – 2nd Node Private Cloud provides clients the ability to store data and system files, electronically vault system backups, operate and/or restore network systems in the 2nd Node virtual server environment and replicate their primary data center SAN(s) to the 2nd Node SAN storage systems. Silver Peak network concentrators are used for accelerating and encrypting data communications for remote operations and production systems.

**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.



## Hosted Core Solutions



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2nd Node provides hosted production, failover, and/or tertiary backup services for your core systems, eliminating the need to build costly new data centers and/or retrofit existing space.



With 2nd Node Production Hosting, organizations benefit from our extensive infrastructure and sophisticated processing environment. Whether hosting the core or needing a second site for failover, 2nd Node is the first choice for your data center needs.

### A Full Service Solution

With an ever growing demand to manage cost, improve efficiency, and increase capacity, organizations are increasingly moving to outsourced solutions as the alternative delivery model.

Production Hosting with 2nd Node allows institutions to eliminate both capital expenditures required for in-house installations and the need for employee resources to operate and manage solutions.

Add to that Smart-Hands Support and virtualization for other business critical applications and 2nd Node delivers the confidence our partners require in a solid IT infrastructure. Environmental controls for temperature and humidity, fire suppression, along with UPS, all in an SSAE 16 highly-secure data center reassures critical IT infrastructure is protected.

### Infrastructure as a Service (IaaS)

- Off-site Hosting (SSAE 16 Facility)
- Data Replication
- Virtualization
- Cloud Services
- Fully Managed Equipment
- Secure Infrastructure

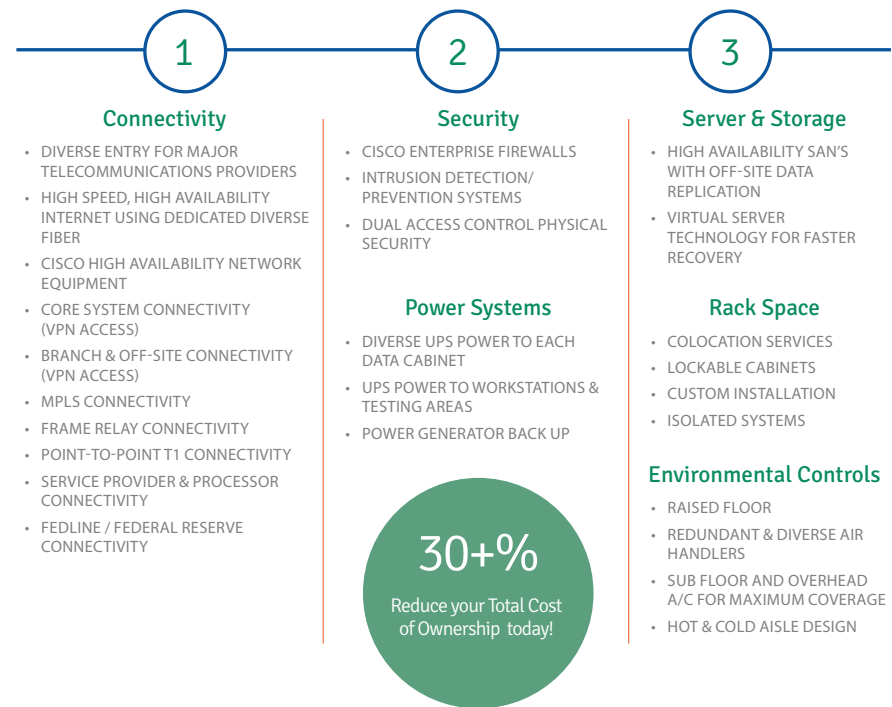
### Key Benefits

- ✓ Reduces the time to deploy your core platform and other key applications.
  - 2nd Node's rapid provisioning of compute resources provide immediate access as opposed to buying new or managing Virtual Machines in house.
  - Episys core or failover, Intel-based virtuals, as well as multiple storage platforms capable of mirroring your environment on an as-needed basis.
- ✓ 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.
- ✓ Provides access to core functionality that mirrors in-house installations.
  - Virtualization provides the ability to deliver Platform as a Service (PaaS) mirroring your in-house needs.
- ✓ Incorporates strict regulatory compliance, ongoing security support, and disaster recovery capabilities.
- ✓ Nightly online, encrypted backups of core system.
- ✓ Frees you to focus on your key competencies
  - 2nd Node can take the responsibility for your administrative and operational functions, freeing you your staff to focus on proactive project implementation.



### Hosted Core Solutions

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



Colocate your business critical equipment with 2nd Node, in one of our state-of-the-art data centers, where security, connectivity, availability, and performance are the vital keys to success!