# Data Suites At-A-Glance

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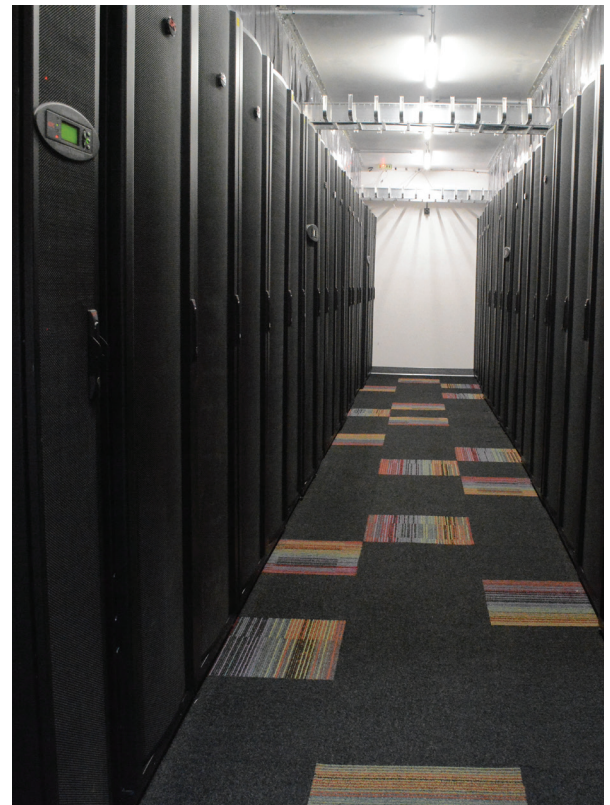
**Colocation Availability**
- 10,000 SF of managed colocation space with up to 220 racks available
- Eight modular, private suites—up to 30 racks each
- Modular locking cabinets
- Leasing available from 1U to multiple racks or a private suite or suites
- Conditioned warehouse storage, secure storage, dedicated receiving and unpack areas, locker space

**Colocation Amenities**
- Customer/engineer care suite with televisions, recliners, kitchen
- Large conference room center and small meeting room available
- Shower and lockers for personal belongings
- On-site work area  for small repairs
- Free parking

**Colocation Services**
- Remote Hands
- Infrastructure Management
- Package Receiving
- Package Shipping
- Package Secure Storage
- Vendor Escort Services
- Drive and PS Swap
- Network Troubleshooting
- Remote Shutdown
- Cross Connect
- Planning and Project Management
- Moving and Rigging Services
- Data Center Relocation Packaging
- Equipment Purchasing and Sales
- Disposal and Recycling of Base Materials
- Asset Liquidation
- Site Restoration
- Hardware Installation and Maintenance
- Remote Staffing
- Infrastructure Data Cabling
- Emergency Equipment Replacement
- Circuit Testing
- Device Support: rack and stack, break fix, hot part replacements power cycling (reboot), shipping and receiving
- Media Management with Audit Trail
- Cabinet Power Strip Energizing
- KVM availability

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**Managed Services**

- DRaaS
- Managed Backup
- Managed Cloud
- Managed Applications
- Managed Database including SQL Server, MySQL and Oracle
- Workstation Protection and Recovery
- Managed Email
- Managed Office 365
- Managed Network and Servers
- Managed Security
- Workspace Recovery Areas
- Custom Solutions

**Cloud Services**

- Enterprise Hosting
- Virtualized Server (Windows or Linux)
- Data Storage
- Data Archive
- Virtual Firewall
- Database as a service
- Cloud Backup
- Migration Services
- Cloud Business Development
- Custom Solutions including Digital Strategy,
  DevOps & Agile Enablement, Application Migration and Integration and APIs

<u>Cloud Optimization:</u>
- Digital Strategy
- DevOps & Agile Enablement,
- Application Migration
- Integration and APIs

**Network and Fiber Services**

- Premier fiber for direct connectivity for discounted bandwidth
- Multiple fully diverse underground main points of entry (MPOE)
- Connectivity Tier 2 Fiber
- Carrier Neutral facility
- 1Gb to 100Gb internet capable
- Internal MMR and telecom exchange point
- Core network protected from customer access
- Dual paths for all communication links
- Diverse entry points
- Point to point capable
- Built-in NOC
- Data transport is diverse and redundant

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## Infrastructure

*Power:*
- Tier 3 Power – N+1 Redundancy
- Substation feeds from independent transformers
- UPS has A and B utility feed
- UPS has N+2 capabilities and is expandable
- 415 Volt site with superior efficiency
- Redundant oversized diesel generators; multiple sources of generator fuel with 8000 gallon capacity

*Cooling:*
- Tier 2 Cooling with redundant chiller
- In-row Cooling Tier 3 capable
- Closed and open loop capable with heat exchange
- Water line distribution loop hardened and protected underground

*Fire Protection:*
- Fire Safety - FM 200
- Available upgrade to VESDA + Smoke Detection Systems
- Non-water based inert gas fire suppression
- Multi-zoned pre-action dry pipe system

*Structural:*
- Concrete foundation meets Tier 3 load rating
- UPS and Power Sites isolated and secure
- Dedicated servers are hardened and FMI 90+
- Internal Walls and asset areas wind rated over 120 mph
- Internal structure ratings at 60,000 lbs.

## Reliability

- 99.7492% uptime
- UPS Power, N+1 redundancy, 24/7 battery monitoring
- Multiple 13.5 kV feeds
- Two diesel generators totaling 4 MW

## Security Services

- 24/7/365 CCTV monitoring
- Man traps at entry points (2x)
- Digital video recording at every entry
- All colocation spaces equipped with dual-authentication biometric entries
- Perimeter controls
- Two centralized loading docks with 24/7/365 remote security and drop bay access
- Back access gate controlled

*Security Options:*
- Privacy Walls
- Plexiglas Walls
- Custom Locks
- Electronic Access
- Environmental Sensors
- Camera Systems

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**Environmental**

- Camera Systems3-15% more efficient voltage (415V as well as 230V)
- Hot aisle containment cooling system
- Highly efficient and economically sound

**Strategic Consulting**

- Virtual CTO
- CTO Consulting
- Vendor Management Consulting

**Assessment, Audit & Regulatory Compliance**

Data Suites is audit-ready to meet clients' regulatory certifications, including:

- Payment Card industry Data Security Standard (PCI DSS)
- Sarbanes-Oxley (SOX)
- Health Insurance Portability and Accountability Act (HIPAA)/Health Information Technology for Economic Clinical Health Act (HITECH)

Data Suites also offers the following assessment services:
Server Health
Backup Health
Oracle
Exchange
Windows or Unix
SQL Health
San Analysis
File Analysis
Dell/EMC Storage
IBM or Netapp Storage
Vmware and Hyper-V Analysis

*For more information on our facility and services please contact Jon Hoscheit, CTO, at 615.545.2789.*

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