



Network Operations Center (NOC)



24x7x365 Technical Support Staff

Headquarters

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To learn more about how we can help your business, call Ascent Data today at 412.968.4000, email sales@ascentdata.com or visit www.ascentdata.com.

Ascent Data is Pittsburgh's trusted provider of IT infrastructure solutions and data security, including Cloud Computing, Colocation, Encryption as a Service, Disaster Recovery and Business Continuity, and Remote Digital Data Backup and Recovery.

Data Center Infrastructure

- SAS 70 Type II data center
- 24x7x365 Network Operations Center (NOC)
- 20,000 square foot technology center, located outside of high-risk business district
- Redundant Uninterruptible Power Supply (UPS)
- Two diesel-powered generators and redundant HVAC systems
- High capacity resilient network with nine fiber-based carriers and three upstream Tier 1 Internet backbones
- Multiple fiber carriers with dual entrance into the building, and diverse and protected fiber rings for resilient Ethernet, SONET and TDM communication to carrier hubs
- Redundant network components for ISP and network connectivity
- Scrambled keypad, surveillance camera security and fire suppression

Ascent2Cloud

Ascent2Cloud provides scalable access to a shared pool of resources that can be configured and provisioned using technologies like Infrastructure as a Service (IaaS), Software as a Service (SaaS), Encryption as a Service (EaaS) or virtualization to provide on-demand resources via internet or private network connections.

Enterprise Cloud

- Enterprise-class, multi-tenant environment
- Production or non-critical model servers (or combination of both)
- High availability firewalls and enterprise-grade hardware

Private Cloud

- Virtual private cloud offers CPU, memory and disks, that are added as needed, on private cloud nodes
- Dedicated private cloud offers complex cloud services, using dedicated SAN or NAS storage resources, on dedicated compute nodes

Disaster Recovery Cloud

- Replicate, compute and store assets remotely at a SAS 70 Type II data center
- Virtual or Dedicated model configurations
- Scalable to meet Recovery Point Objective (RPO) and Recovery Time Objective (RTO) targets

Dedicated Model: Your primary systems, software and servers are hosted in Ascent Data

Multi-Tenant Model: Your primary systems, software and servers reside on Ascent Data's equipment and are part of a shared, secure virtual environment.



Ascent DataGuard

Encryption as a Service (EaaS), powered by Certes Networks TrustNet Manager, provides the ultimate protection for data-in-motion.

Protection for any network, including:

- Point-to-Point
- MPLS
- Metro Ethernet and VPLS
- Voice over IP
- Video and Multicast

TrustNet Manager makes it possible to secure networks, achieve regulatory compliance, and reduce the cost of deploying, managing and maintaining encryption.

- Tunnel-less group encryption
- Rapid deployment of network encryption
- Simple yet powerful network security policies minimize the chance of breach
- Auditing and logging for compliance
- Controls that empower the security team to manage encryption keys and policies



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Ascent DataColo

Colocation dramatically improves operational efficiencies and reduces business risk associated with data security. Ascent DataColo offers industry-best security, and a reliable, redundant, high-speed network in a local SAS70 Type II data center.

Primary Colocation for IT Infrastructure

- Secure environment, highly reliable network connections
- SLA100 power and bandwidth availability commitment
- HIPAA Compliant Ready and PCI Compliant Ready

Secondary Colocation for Disaster Recovery and Business Continuity

- Fully equipped hotsite
- Design, deployment and management of DR plan
- Application, database and full server failover
- Flexible Recovery Point Objective (RPO) and Recovery Time Objective (RTO) targets
- Flexible backup schedule, including set up, configuration, management and restoration
- Off-site tape rotation

Ascent DBR

Ascent DBR offers daily, fully managed, remote digital data backup and recovery.

- De-duplication of backup data spans globally across sites, servers and office locations, reducing backup costs significantly
- 12x reduction of daily full backup time
- Low bandwidth backup solution
- Secure, efficient use of existing LAN/WAN links and virtual infrastructure
- Backup data can be encrypted in flight and at rest
- High availability and reliability
- Daily verification of server integrity and backup data recoverability
- Immediate data recovery, without restoring full backups and subsequent incrementals
- VMware infrastructure backup

Ascent DataServices

Day-to-day maintenance, troubleshooting, monitoring, daily backups and technical support from senior-level technical staff, 24x7x365.

- MS Windows and Linux system administration
- Migration, networking, server installation and configuration
- Managed firewall
- Virtual private network
- Day-to-day maintenance, storage and daily backup
- Monitoring and troubleshooting
- Automated problem detection and resolution, customizable alerts