

Cloud Services

RackIT

Datacenter Colocation Services

MailIT

Advanced Email Services

CloudIT

Virtual Colocation

WebIT

Web Hosting and Basic Email

StoreIT

Offsite Network Storage

NameIT

Domain Name Registration and Hosting

RackIT

Datacenter Colocation Services



Summary of Applications and Benefits

Customers place their own network equipment in Northland's datacenter facilities for improved access to the internet, to improve uptime and security and to reduce operational costs. Northland can provide a highly secure and controlled environment for sensitive computing and network equipment. Colocation is ideal for high bandwidth applications, disaster recovery and should be considered as a central datacenter for companies with multiple locations.

Physical Co-Location Features

- Locations in Syracuse and Utica
- Power Available - 120V/220V AC
- Protected by UPS and Generator System
- Diesel Generators capable of providing power needs definitely
- Forced Air Conditioning System
- 19" Relay Racks or 19" cabinets
- Full, half, quarter rack or individual rack units available
- Locking or shared cabinets
- Fire, temperature and water sensors
- Security system
- Controlled key fob access
- Surveillance video camera with DVR
- 24/7 escorted access

Network Features

- All Cisco Core and distribution
- Full redundancy with redundant hardware and links
- Uplinks to multiple Internet providers
- Dedicated VLAN and public IP subnets
- Ability to combine physical colo, virtual colo and MPLS on a common network
- IPv4/6
- BGP4/6, EIGRP

Standard Pricing

Item	Power Included	Setup Fee	Monthly Recurring
First Rack Unit	3 Amps @110V	\$150	\$150
Additional Rack Unit	1.5 Amps @110V	\$100	\$50
Half Rack (20 Rack Units)	15 Amps @ 110V	\$700	\$600
Full Rack (40 Rack Units)	30 Amps @ 110V	\$1300	\$950

Summary of Applications and Benefits

Northland can provide small and large volumes of disk space that customers can access over the internet or Northland MPLS. Northland provides a simple and secure method for customers to connect storage to computer servers, desktops and laptops. Ideal for sharing files across different employees and locations and for offsite backup.

Features and Benefits

- Storage from 50GB to several Terabytes
- Easily connect offsite storage to your server or workstation
- Secure access controls
- Connect and share storage from multiple locations
- Ideal for offsite backup applications

Technical Specifications

- CIFS, NFS and iSCSI
- Available over public or private IP

Standard Pricing

Item	Setup Fee	Monthly Recurring
Per GB (minimum 50)	\$0.00	\$0.20
20GB Monthly Data Transfer	\$0.00	\$0.00
Additional Data Transfer per GB	\$0.00	\$0.16

Summary of Applications and Benefits

Northland offers 2 advanced Email platforms that enable business to deploy a fully featured email system. Includes features such as synchronized group calendars, mobile device synchronization and advanced web based email.

- **Hosted Microsoft Exchange**—Provides all of the features of Exchange without the responsibility of managing the hardware.
- **SmarterMail** - A popular hosted Exchange alternative that delivers equivalent features at a reduced cost.

Smarter Mail Features

- Easily manage email, calendars, contacts and tasks.
- Access Email from Outlook, Web or Mobile Device
- Synchronization with mobile devices
- Enhance team collaboration with shared calendars and scheduling
- Premium Email security and anti-spam virus protection.
- Redundant Infrastructure for reliability
- SmarterMail Advanced features—All basic features + mobile device synchronization of email, calendars and contacts

Hosted Exchange Features

- Easily manage email, calendars, contacts and tasks.
- Access Email from Outlook, Web or Mobile Device
- Synchronization with mobile devices
- Enhance team collaboration with shared calendars and scheduling
- Premium Email security and anti-spam virus protection.
- Redundant Infrastructure for reliability
- Fully compatible with other Microsoft products including sharepoint.

Standard Pricing

Item	Monthly Recurring
SmarterMail Basic (per user)	\$13.22
SmarterMail Advanced (per user)	\$14.29
Exchange Standard (per user)	\$16.00

Summary of Applications and Benefits

Customers can run business applications on Northland's VMWare based infrastructure. Multiple servers can be quickly deployed through CloudStack, a web based interface that provides complete control and access to the customer. Typical applications include web servers, email servers, file servers, backup systems. Virtual Servers can also be ideal backup systems to production systems.

Virtual Co-Location Features

- Locations in Syracuse and Utica
- Supports most Linux and Microsoft OS
- Microsoft OS available for low monthly rates
- CloudStack interface for customer management of virtual servers and network
- Systems Protected by UPS and Generator System
- Diesel Generators capable of providing power needs definitely
- Fire, temperature and water sensors
- Security system
- Surveillance video camera with DVR

Network Features

- All Cisco Core and distribution
- Full redundancy with redundant hardware and links
- Uplinks to multiple Internet providers
- Dedicated VLAN and public IP subnets
- Ability to combine physical colo, virtual colo and MPLS on a common network
- IPv4/6
- BGP4/6, EIGRP

Standard Pricing

Item	Monthly Recurring
CPU per Ghz (8 Ghz Max per server)	\$12.06
RAM per GB (12GB Max per server)	\$18.09
SAN Disk per GB (2 TB partition max)	\$0.16
Nearline Disk per GB (2 TB partition max)	\$0.04
Public IP Address	\$4.95
20GB Bandwidth Transfer/month	\$0.00
Bandwidth overages per GB	\$0.16

NameIT

Domain Name Registration Services



Summary of Applications and Benefits

Northland provides everything needed to establish a name on the internet. Northland can register new domain names under several “TLDs” (top level domains) including .com, .net, .org and dozens more. Once the domain is registered, Northland can provide domain name hosting, a feature that controls where services like Email and web sites are directed.

Features and Benefits

- Automatic Renewals ensure that domain name is never lost
- Registration of .com, .net, .org, .info, .mobi, .name, .pro, .tel, .ac, .us, .edu TLDs (Top Level Domain Names)
- Many additional special county TLDs including .tv, .hm, .fm

Technical Specifications

- Compliant Standard BIND
- Multiple redundant servers
- Forward and Reverse zones
- Supports subdomains and host records

Standard Pricing

Item	Setup Fee	Annual Recurring
Domain Name Registration	\$0	\$39.95

WebIT

Web Hosting and Basic Email



Summary of Applications and Benefits

Northland's web and email hosting services provide everything needed for a business to establish a web site and email service. The service is easy to manage, secure and reliable.

Web Hosting Features

- Microsoft IIS or Linux Apache
- Supports most modern development languages
- Easy to use web interface to manage all aspects of web and email service.
- MySQL Database
- Analytical reports of web site traffic
- Supports SSL certificates (available at an additional cost)

Email Features

- Easily set up end user Email in Outlook or other POP3/IMAP client
- Create Email aliases and email forwarding accounts
- Anti-Spam/Anti-Virus
- Web based email client

Standard Pricing

Item	Email Accounts	Disk Space	Monthly Recurring
Bronze Plan	5	250M	\$24.95
Silver Plan	20	500M	\$39.95
Gold Plan	30	1000M	\$59.95
Platinum Plan	50	2000M	\$99.95