Backup as a Service
Options to Keep Your Data Safe

Powered by GNAX and EMC

The GNAX Health Difference:

• Deploy the Right System for You: Onsite, in the Cloud, or Both

• Reduce Onsite Storage Hardware and Management Costs

• Get Diverse Geographic Replication in Hardened Data Centers

• Reduce Your Total Storage Needs with Industry Leading EMC Backup and Deduplication Technologies

• Pay-as-You-Go Options Let You Grow Into Your Storage Infrastructure

• Keep Valuable IT Staff Focused on Core Requirements for Patient Care and Billing Rather Than Running Storage Infrastructure

Through a partnership with EMC, GNAX Health is delivering innovative solutions for Backup as a Service (BaaS), supported by EMC's industry leading software and hardware technologies: Avamar, Data Domain and Networker. These cost-effective solutions are customized to meet the needs of a variety of healthcare organizations, while providing room for growth and enhancement. Healthcare IT professionals get the assurance they need, knowing that storage infrastructure and patient data are secure.

Diverse Geographic Replication

GNAX Health offers optional fully mirrored diverse geographic replication. Our robust and secure infrastructure ensures HIPAA compliance as well as proper redundancy and high availability. All data is replicated in real-time to a GNAX data center. From that point it can be replicated to an additional GNAX data center. Data receives maximum security with encryption in transit and at rest.

When it comes to uptime, GNAX has you covered with multiple layers of redundancies. GNAX owns and operates a state-of-the-art data center in Atlanta, GA. This 70,000 square foot SSAE 16 Type-II compliant facility has a Tier-IV electrical infrastructure with utility feeds from separate sub-stations and fully redundant generator backups delivering mission critical power. In fact, this facility has never gone down in its operating history. GNAX also operates a second state-of-the-art data center in Dallas, Texas. Between these two facilities, you will find precisely the right levels of life-critical performance options that your IT operations demand.

The Technology

GNAX Health's Backup as a Service Solutions are based on EMC's Avamar, Data Domain and Networker backup and recovery systems, combining market-leading deduplication with virtualization-integrated backup. Along with receiving the industry's fastest backup speeds, you get advanced VMware integration to drive higher levels of efficiency and protection of new and existing virtualized and physical environments.

Customized to meet your specific requirements, GNAX Health's Backup as a Service Solutions support you at your point of need.

EMC Avamar

EMC Avamar delivers fast, efficient backup and recovery through a complete software and hardware solution. Equipped with integrated variable-length deduplication technology, Avamar facilitates fast, daily full backups for virtual environments, remote offices, enterprise applications, network-attached storage (NAS) servers, and desktops/laptops.

✓ **Reduce backup windows up to 90%**

✓ **Reduce bandwidth for backup up to 99%**

EMC NetWorker

EMC NetWorker backup and recovery software centralizes, automates, and accelerates data backup and recovery across your IT environment. NetWorker delivers record-breaking performance and a wide range of data protection options to safeguard your critical business data.

✓ **Simplify, centralize and automate backup & recovery across diverse enterprise environments**

✓ **Common interface for all backup management**

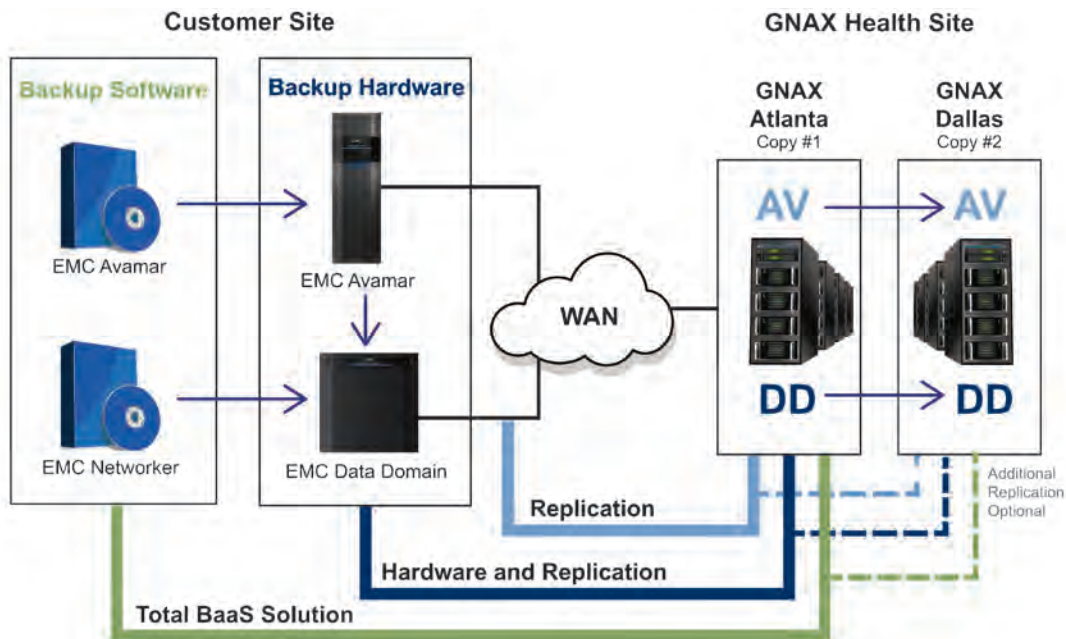✓ **Run backups by condition rather than time**

EMC Data Domain

EMC Data Domain deduplication storage systems continue to revolutionize disk backup, archiving, and disaster recovery with high-speed, inline deduplication. Replace your tape backups with dependable disk storage while lowering costs.

✓ **Reduce backup storage by 10 to 30x**

✓ **Supports all leading backup, file and email archiving applications**

GNAX Health Backup as a Service (BaaS)
Customized Solutions

GNAX Health offers a simple, economical solution for healthcare organizations to store and protect their data. With remote replication, you can free up primary storage, reduce the total amount of storage needed and shift from capital intensive local storage to a pay-as-you-go operational service, requiring fewer resources and costing less than maintaining traditional on-site storage.

GNAX offers customizable solutions that allow you to choose the best backup software, onsite hardware and replication options to meet your needs. Whether you need a complete overhaul of your backup infrastructure, or simply need to replicate your backup between geographically diverse locations, GNAX Health has the solution for you.

What are your backup needs?

"I need a total backup solution."
GNAX Total BaaS Solution

GNAX Total BaaS Solution: GNAX Health will customize a Total Backup Solution utilizing industry-leading EMC software Avamar or Networker, installation of Avamar or Data Domain hardware, and diverse replication to GNAX data centers.

"I like my backup software. I need storage and replication."
Hardware and Replication

Hardware and Replication: Using your current backup software, GNAX will install Data Domain onsite hardware and then replicate data to GNAX's geographically diverse data centers.

"I have Avamar or Data Domain onsite. Now I need a geo-redundant copy."
GNAX Replication

GNAX Replication: If you currently utilize Avamar or Data Domain, ensuring data security through offsite geographically diverse replication is easy. GNAX will replicate your data to our state-of-the-art data center in Atlanta, Georgia. Optionally, we can then replicate again to our Dallas data center.

GNAX Health Features & Benefits

GNAX Health Replication & Security	High Availability: Backup your data across two geographically diverse state-of-the-art data centers
	Achieve maximum security with encryption in transit and at rest
Global, Source Deduplication with Avamar	Daily full backup times reduced by up to 10x
	Network bandwidth for backup reduced by up to 500x
	Cumulative backup disk storage reduced by up to 50x
Managed, Usage-Based Service Model	Reduced capital expenditures on internal infrastructure
	Fewer resources required for management and support of backup systems
Server Health/Data Recoverability	RAIN architecture for fault tolerance across Avamar nodes
Secure, Efficient Use of Existing LAN/WAN Links	No single point of failure
	Server integrity and backup data recoverability verified daily
Fast, Single-Step Recovery	Data (whole backups, files, or directories) recovered immediately
	No need to restore last good full and incremental backups
VMware Infrastructure Backups	Fast, efficient, daily full backups for VM guests and images
Physical and Virtual Deployment Options	Best-in-class solutions to meet specific needs
	Easy-to-manage interface

Contact GNAX Health
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