PRODUCT BRIEF

NDR: NOCOLOGY Disaster Recovery

The Complete Disaster Recovery Platform to Backup Your Entire Infrastructure

⏻ Not Just Backup, this is Disaster Recovery

Regardless of your type of business, your data is vital. You have invaluable, irreplaceable information that you need access to at any given moment; information that is constantly being changed and updated.

If you have suffered a data loss you already know the value of backup. Whether you use tape drives to regularly backup your server, or another type of external storage, you know that the costs of the devices are well worth it, tenfold. However data loss still amounts to massive downtime, as you wait for the backup to be restored. Wouldn't it be nice if it only took minutes away from your business, instead of hours or days?

Our bullet-proof system goes much further than tape-drive replacement. If a server goes down, the NOCOLOGY Disaster Recovery (NDR) can assume the role of that server, while still performing incremental backups. This means your network is still up while your server is being fixed and parts are being ordered. Don't think of it as merely a data backup solution, but as a complete failsafe for your servers. When your server is repaired or replaced, regardless of the new hardware, the NDR can perform a bare metal install to make your infrastructure in-house redundant once more.

To ensure that your data is protected in any disaster, the NDR encrypts and archives your data at our two off-site data centers (one on the East Coast, one on the West Coast) incrementally. This is the ultimate, iron-clad solution for data backup and disaster recovery!

"This is NOCOLOGY Disaster Recovery".

⏻ Thinking Bigger, Peace of Mind

With NOCOLOGY, you can move past those archaic backup solutions. In fact, we don't even call it backup. When you lose your data, **it is a disaster**.

The NDR Device isn't just meant to proactively duplicate and store files. The NDR will get you back up and running as soon as possible. If a disaster were to occur, taking one of your servers offline, the NDR can completely virtualize the down server and assume its place within minutes. This means your entire IT infrastructure can continue to function until the server is repaired or replaced. In the meantime, the NDR continues to make incremental backups.

What would happen to your company if there was a fire or flood? How long would it take for your computer systems to get back online? **With our service, you would have your servers up and running the very next day.**

With NOCOLOGY Disaster Recovery, we can develop a specific Disaster Recovery Plan catered exclusively for your organization. Every quarter we will test it to give you peace of mind, knowing that no matter what happens, your data is safe. With redundant, encrypted archives stored at East and West Coast data centers, your data is preserved even if the NDR were destroyed or stolen. In that case, a new NDR would be shipped to you overnight, ready to get your business back up and running.

⏻ The Technology Behind the NDR Device

NDR is an efficient, cohesive way to bullet-proof your company's data. It requires virtually no management on the client-side. NDR is

⏻ BENEFITS

- Freedom to focus on your business, not your backup.
- Dramatically reduce time to restoration of files, e-mail databases and servers.
- No more tape management.
- 24/7/365 Support
- Confidence that if a disaster occurred, you're covered.

⏻ FEATURES

- Back up data as often as every 15 minutes
- Back up open documents without interruption
- Restore deleted or corrupt files on the fly - no waiting for tape
- Restore single missing emails or entire inboxes with ease
- Completely virtualizes your server in the case of a hardware malfunction, putting you back in business
- Bare metal server restoration regardless of hardware changes, or completely new server
- Data encrypted locally and archived in two off-site (East / West Coast) data centers automatically, incrementally, forever!

Speak with your Business Continuity Expert Today!

compatible with Windows 2000, Windows 2003 & Windows 2008 Servers, seamlessly backing up your data every fifteen minutes. The NDR service offers off-site data storage with optional multi-year archiving or current image and fast server virtualization capabilities. NDR can be used to recover a single Exchange message, full mailboxes or the entire server. We can easily perform file and folder level restorations, and bare metal restorations to dissimilar hardware. If your server completely fails and needs replacing, your old server can be quickly restored on completely different hardware. In the meantime, a virtual server can be set up within hours to keep productivity up while new hardware is gathered or repaired.
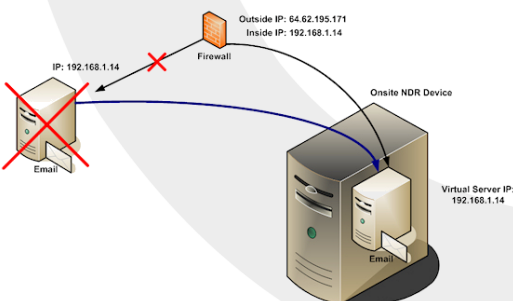
The data backup technology archives onto your locally housed NDR Device at the block level, meaning actual 1's and 0's are replicated from the hard drives. Open files will no longer be omitted from your backup. This method replaces error-prone tape backup, providing a flawless snapshot of your Windows 2000, 2003 and 2008 servers and their volumes or logical drives. Not a single file or folder is excluded.

While traditional backup methods are slow, and require the entire volume to be backed up each time, NOCOLOGY's Disaster Recovery uses Incremental Forever Methodology. This technology only requires one full backup, called a base image. After the primary base image is complete, future backups are incremental, and only take a few seconds to complete. Incremental backup only pulls the changes on the hard drive since the last backup. If the backup frequency is set to every 15 minutes, nearly 100 incremental backups will be frequency is set to every 15 minutes, nearly 100 incremental backups will be performed in a 24 hour time period. At the end of the day, every incremental is collapsed into a single recovery point for the day. At the end of the week, a weekly restore point is created, and so on for the month and the year.
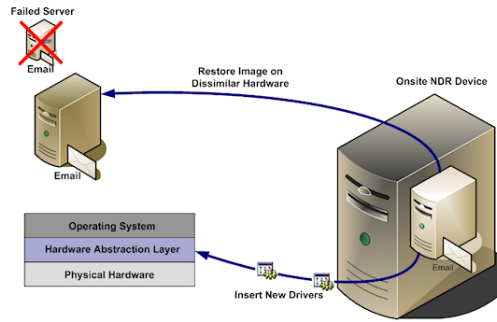

Recovering files and folders is a quick and easy process, as the entire server is mounted as a volume on the NDR device. Files can be copied back to the server over the network. Exchange mailboxes and messages can also be restored.

If your server were to fail, your NDR device has the capability to virtualize the server without needing to configure the virtual server. Your network

will not notice a change once your server is virtualized. Virtualization does not halt the backup schedule.
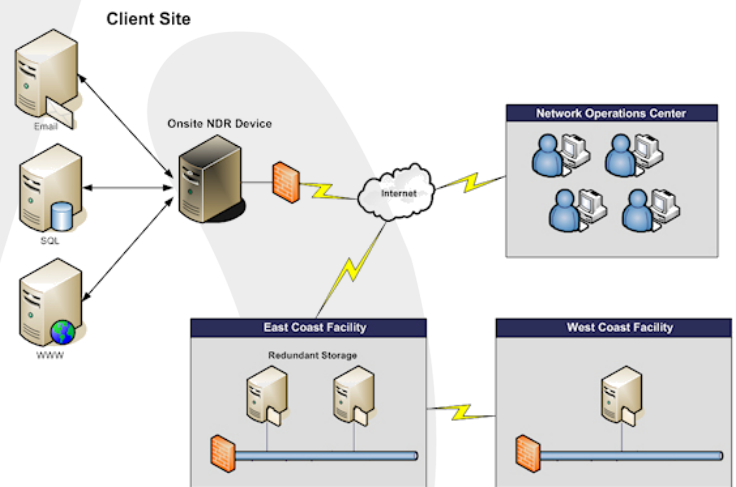
When the physical hardware of your server is ready to be restored, the NDR

device can perform a Bare Metal Restore. The Virtual Server will be loaded onto the physical hardware, regardless of hardware changes. New drivers will be inserted automatically if necessary.

⏻ Off-Site West Coast, East Coast Data Centers

A vital part of the Disaster Recovery service is the off-site data backup. Your data is securely sent to off-site co-location facilities. The entire process is monitored 24x7 to insure security and effectiveness. This strategy is designed to keep your data protected in the event of a disastrous event. Even if your entire IT infrastructure were to be destroyed, your servers and information will be intact. Your data will be kept in redundant storage at a facility on the US East Coast, and also archived at a West Coast facility. Your data will be encrypted using the 256

-bit Advanced Encryption Standard (AES) algorithm, currently considered the gold standard of encryption, rendering your data immune to theft. Only you will have the pass key, ensuring that your data remains absolutely secure and confidential.

Disaster Recovery, by NOCOLOGY, is the most complete Backup and Recovery model your company can have. Whether you have one server or several, a Disaster Recovery plan can be developed specifically for your needs. With NOCOLOGY, your data is protected from even the most devastating catastrophes.

Get Proactive! Call Us TODAY!
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