

# nonstopIT Data Storage Solutions

## Introduction

### About nonstopIT Ltd

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nonstopIT Ltd is an IT solutions provider, focusing on the IT security needs of businesses of all sizes. With a wealth of managed services, consultancy and services aimed at securing every aspect of your infrastructure; we have fast become the preferred leader of security based solutions.

Established in August 1994, nonstopIT were the first dedicated IT security resellers in the UK, and the first security reseller to be accredited with BS7799 in 2002.

By consistently setting the standard and leading the way with innovative solutions in the security sector, knowing what is needed by experience and know-how and providing the implementation and support skills; we believe nonstopIT are the partner of choice, by design and reputation.

To find out more, visit us at [www.nonstopIT.com](http://www.nonstopIT.com) or telephone 08452 605 705.

## Solutions

### nonstopIT Online Data Storage

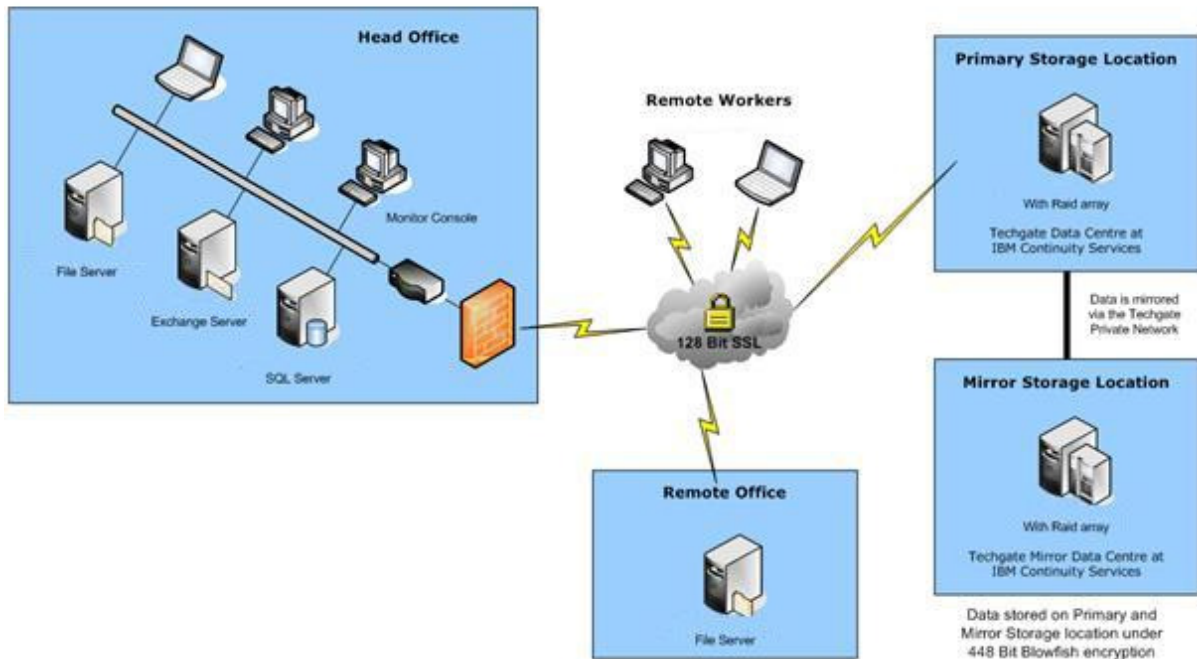
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nonstopIT Online Backup solution is ideal for small businesses that are looking for a more efficient, reliable and secure way to backup and recover its critical data. All the data is stored on fault tolerant servers mirrored in two of our data centres located within IBM business continuity buildings. Our solution offers the following features:

<b>Automatic</b>	Define a data backup policy, set a schedule and it runs in the background.
<b>Secure</b>	Utilises 128 bit and 448 bit encryption.
<b>Efficient</b>	After the first backup, which can be performed over the Internet or by a portable file server, only the daily changes are backed up at a binary level.
<b>Speed of recovery</b>	As the data is stored on disk, rather than tape, data can be restored immediately.
<b>Centralised control</b>	Backup and restore management and monitoring for all central and distributed servers.
<b>Self-service recovery</b>	Laptop users can recover their own lost files without calling the central helpdesk
<b>Easy to use</b>	Simple to use Graphical User Interface (GUI)
<b>Long term archiving</b>	Month-end archives can be run onto tape for long term storage

## nonstopIT Online Data Storage - The Technology

### Online Backup – Fully Managed Solution



All the above services are delivered from secure data centres, within IBM Business Continuity buildings, and utilise high speed, ultra reliable network infrastructure which has direct connections to three Tier 1 Internet backbone providers - Cable & Wireless, Energis and Level3 communications.

## **nonstopIT – Inhouse Inline Backups**

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Any backup is only as reliable as its ability to restore business data and applications when they are needed most. The Continuous Data Protection (CDP) Series offers the only complete end-to-end backup and recovery solution for SMBs. An ideal replacement for tape-based systems, CDP provides foolproof, intuitive, continual protection. No other solution offers such comprehensive protection while still being so easy-to-manage. The key features and benefits of a nonstopIT backup and recovery solution are:

### **Continuous Data Backup**

CDP detects new or changed files, even when files are open. When this information is found, CDP immediately and automatically replicates it to dedicated hardware locally. Unlike most traditional backup products, no user intervention or additional software or hardware is required with CDP, and risk of data loss is virtually nonexistent because there are no backup windows.

### **Offsite Protection**

A clear differentiator for CDP is its "no-touch" offsite backup feature, which uses SSL encryption, advanced compression, and backup of only binary differences. This offsite feature protects data against the risks of fire, theft, misplacement and other issues relating to tape or CD-based backup.

### **Instant Recovery and File Versions**

From CDP's simple interface, users have access to point and click data recovery features. The intelligent CDP software saves and time-stamps file versions of each file so they are easy to locate.

### **Unlimited PCs**

Connect an unlimited number of computers, laptops, and/or servers to CDP for real-time CDP. Selected PCs and files are monitored every minute of the day for new or changed information.

### **Supports Business Applications**

CDP provides seamless support for databases and applications without the need to integrate third party software modules. Out-of-the-box & custom applications using databases such as: (MS) SQL Server, MySQL, Sybase, FileMaker, Dbase and Access. Microsoft applications such as: Exchange Server, Great Plains, Solomon, Navision, BizTalk, Business Contact Manager, CRM, InfoPath, Commerce Manager, Sharepoint, Project Server and MS Office products including Outlook and Outlook Express. Common business applications such as: Quickbooks, PeachTree, ACT!, Goldmine, as well as most industry specific applications.

### **Security**

Offsite data is secured by the same AES 256-bit encryption technologies implemented by major financial institutions and government agencies. CDP also utilises public-key encryption and digital certificates as an additional layer of protection. Finally, every CDP customer has secure e-mail address and password authentication.

### **Central Management**

The Enterprise Manager provides system activity monitoring and viewing of all agents that are active on CDP. IT Administrators benefit from file-level visibility into every agent connected to CDP to enforce consistent backup policies and control features available to individual end users.

### **Remote Administration**

IT Administrators can manage CDP, recover a deleted file for a customer, or view vital statistics from a remote location connected to the LAN. This saves the IT Administrator valuable time and resources instead of having to physically visit the customer's site for a simple file recovery like other backup solutions.

### **Bare Metal Recovery (BMR)**

BMR software creates an exact image of an entire server or workstation - including the operating system files, programs, databases, and settings, enabling the recovery of an entire system in minutes. Moreover, its wizard-driven graphical user interface (GUI) is easy-to-use, making it an ideal application for SMB customers.

### **Local Archiving**

Leveraging the Bare Metal Recovery software, CDP solution provides local data archiving for businesses that need to store snapshots of their data for extended periods of time to meet industry and government compliance regulations. Customers can explore their archives and restore an individual file if needed.

### **Compression**

CDP has compression technology that achieves compression ranges from 2:1 to 5:1 depending on file type. This allows users to utilise their disk space very efficiently and creates smaller file transfers on the network.

### **Compliance**

nonstopIT is committed to safeguarding business data. To that end, CDP meets and complies with all federal and industry regulations on the protection, accessibility, and retention of information. But CDP goes beyond the minimum requirements for security and retention of information. Because our business is data security and retention, we take government and industry regulations seriously.