

## **CommVault Provides Edmund Nuttall with a Reliable and Scalable Back-up, Data Management and Compliance Solution for its Mission Critical Data**

### **QUICK FACTS**

**Industry/Solution:**

- Civil Engineering

**Platform/File Systems:**

- Microsoft Windows 2003

**Applications:**

- Microsoft Exchange 2003

**Partner Hardware:**

- Dell

**Challenges:**

- Consolidating its backup and data file storage
- Protect and control its data management from a single point

**Solution:**

- CommVault DataArchiver
- CommVault DataMigrator
- CommVault Galaxy Backup & Recovery

**Licensed Software:**

- Galaxy Backup & Recovery for Microsoft Windows 2003
- DataMigrator for Microsoft Exchange 2003
- DataArchiver for Microsoft Exchange 2003

**Benefits:**

- Data more efficiently handled
- Easy path to expansion, further rollout
- Faster backups and data restoration
- 10-15 percent saving in man hours

### **Customer Profile**

Edmund Nuttall, a civil engineering firm, was founded in 1865. With revenues of an approximately £480m and over 4,000 employees, the firm has been involved in large projects including the Channel Tunnel Rail Link, and specializes in land remediation, and engineering solutions for rail, roads, and the maritime industry. It also offers a range of engineering solutions through its network of regional offices, subdivisions and subsidiaries, including Nuttall Hynes and Nuttall Finchpalm.

### **The Challenge**

In a highly competitive industry, Edmund Nuttall was aware of its need to update its systems and the services it offers its customers and clients as part of its strategic development. During an upgrade of its IT equipment in 2003 which saw a move from the Windows NT to a Windows 2003 operating system with Microsoft Exchange email servers, the firm began considering how best to increase its backup resources on demand. It needed a system that took the responsibility for administration away from the local site and gave it to a central support team. It was felt that this would help it remain a competitive and market leading firm.

With communications, and specifically their content, being paramount in an industry burdened by the demands of compliance and legislation, Edmund Nuttall needed the ability to recover individual e-mails, as well as entire e-mail conversations, and any associated documents. It also needed to backup and retrieve any of the documents generated by its other main industry-specific applications, which deal with payroll and site cost information — for example how much it would cost to produce a piece of road — and for archiving site paperwork such as invoices, goods received notes, or requests for change.

The firm realised the need to back up all data in one place and established that any chosen solution would have to make sense

of a number of disparate email systems both from within its head office, and also from its satellite units and subsidiaries. Should the data not be available the firm would also need to access reports, to ascertain whether backups had been made, and if not, why not.

The firm began to outline its precise system requirements and started to look at local backup solutions providers and their options. Edmund Nuttall trialed a few solutions, testing them by staging a re-enactment of data recovery at its headquarters. These tests found that one solution provided the best results: the CommVault unified data management platform. CommVault appealed because it allowed backups to be controlled centrally, and supported the company's reporting functionality.

### **The Solution**

The triple play architecture comprises Galaxy Backup & Recovery for Microsoft Windows 2003, DataArchiver for compliance, and DataMigrator for proactive migration. Galaxy Backup & Recovery, CommVault's firm's data protection and compliance solution, makes it easy for the user to browse and find documents. It does this by letting users search data in a very granular format so that just enough information is restored and recovered for speed and efficiency.

The software is application-aware and offers point-and-click reporting; time saving features that provide useful statistics. These reporting features let the administrator determine whether data is being stored appropriately and cost-efficiently.

DataArchiver and DataMigrator are CommVault's archive management tools. DataArchiver lets the user archive, store, and restore Microsoft Exchange email messages and their attachments in a form that meets regulatory requirements such as those presented by HIPAA, SOX, or BASELII, as well as supporting the firm's internal corporate policies.

Because CommVault is a suite of software solutions built on a common code base, the administrator can input these policies into the system through a single interface, and deploy them across the company. This gives the administrator a fast and easy way to create policy sets, target content, adjust rules and schedule operations across the entire business.

Alasdair Kilgour, managing director at CommVault UK, says, "Edmund Nuttall has a distributed data profile which is a data management challenge. However, with one unified solution CommVault was able to provide the company with centralised data back-up, management and compliance tools for its Windows 2003 environment. Using our software tools Edmund Nuttall will continue to meet the high demands of regulation, and compliance legislation which continue to befall and compromise other firms whilst minimising the amount of IT operational spend associated to this going forward."

Edmund Nuttall rolled out the CommVault implementation alongside its migration to the Windows 2003 and Microsoft Exchange infrastructure, and has successfully implemented the solution across 40 sites across the UK.

#### The Results

The implementation of the system has led to much better archiving, and also has enabled better administration of the backups, including the ability to determine the cause of failures, improved policy compliance, and time and efficiency benefits.

Steve Shepherd, IT Manager at Edmund Nuttall said that already the system is paying dividends, "The benefits of the implementation are already tangible. Everyone in the support team is notified on what goes on in the backup process, and the reasons for failure. Backups are 10-15% quicker than under the old system — the entire network using the CommVault solution can now be backed up overnight. This has resulted in a 10-15% saving in man hours."

The implementation has been so successful that Edmund Nuttall is now considering extending its use of CommVault's email archiving solution, which it has already successfully implemented in the organisation's head office in Camberley across the company.

Used across the company the solution will allow Edmund Nuttall to replicate the data it gathers from its remote sites back to the central servers. This one point of backup would eliminate the need for tape backups at each site. "We were and still are experiencing company growth but with the increased availability of broadband more and more of our construction sites were being incorporated within our computer wide area network. This resulted in local storage requirements i.e. Servers being installed on these sites." said Shepherd. "The natural knock on effect of this is increased demand for backup functionality on these sites."

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