Kent Police Protects 500TB of Data with Backup and Recovery Solution

Acronis Backup Defends Physical and Virtual Servers, Saving Time, Money and Storage Space

BUSINESS BACKGROUND

Acronis, the leading provider of cyber protection through AnyData Technology, has been selected by the Kent Police Department to supply a fast, flexible, and efficient disaster recovery and data protection system. These solutions are deployed to protect the 500TB of data created, stored, and used by its 6,000 employees.

With a heterogeneous mix of more than 500 physical and virtual Windows, Linux, and VMware servers, the Kent Police had historically relied on multiple backup and recovery platforms to protect their data. Andy Barker, IT director at the Kent Police Department, said: "Regular bomb threats, protests, cyber attacks, and viruses are just some of the reasons we needed a more robust, easy to manage backup and recovery plan. With ready access to data a critical requirement throughout the Force, we also had to drastically cut our previously slow recovery times."

MULTIPLE NEEDS, A SINGLE SOLUTION

After extensive evaluation, the Kent Police found that only Acronis Backup could address its heterogeneous, physical, and virtual server needs within a single architecture. Acronis Backup products seamlessly blend to deliver a unified solution for data and application databases backup, that dramatically reduces the management burden of procuring, learning, and integrating additional products as networks evolve, thereby reducing time and cost with one solution that can be managed across physical, virtual, and cloud environments.

INDUSTRY
Government

KEY CHALLENGES
- Long recovery times
- Heterogeneous physical and virtual server environment
- Regular bomb threats, protests, cyber attacks, and viruses

KEY REQUIREMENTS
- File-level to full-image recovery
- One hour recovery time objectives (RTO)

PROTECTED RESOURCES
- 500 TB of data
- 500 servers (Windows, Linux, Vmware, physical, virtual)

BENEFITS
- Single backup and disaster recovery solution for heterogeneous environment
- Reduced time and financial costs needed for backup management
- 80 percent shrink in backup image sizes
- £13,000 annual savings on storage costs

The Kent Police purchased licenses to Acronis Backup for Windows Server and Acronis Backup for VMware to back up their virtual machine hosts and the VMs on them. They've also opted to use data deduplication technology embedded within Acronis Backup to shrink backups by up to 80 percent. Not only does this save space needed for backups, initial testing indicates that recovering data — a task that used to take up to three days — can now be accomplished within an hour. Kent Police estimates that deduplication alone will save at least £13,000 annually in storage costs.

RECOVER EXACTLY WHAT YOU NEED

The granularity of recovery was another high priority for Barker's team. The catalog and search capabilities in Acronis Backup give the Kent Police granular restore access, so a corrupted, deleted, or lost file can be recovered individually.

The IT team can drill down to file level, pick out the necessary file, and recover it, in a matter of minutes. With its migration capabilities, the team also uses Acronis Backup whenever a system needs to be upgraded. They take a full image of the system prior to any upgrade so that, if the upgrade goes wrong for any reason, the IT department can simply rollback the server to its original healthy state.

Barker says that following the deployment at the Kent Police Department he plans to roll out Acronis Backup

"Regular bomb threats, protests, cyber attacks, and viruses are just some of the reasons we needed a more robust, easy to manage backup and recovery tool like Acronis."

**Andy Barker,
IT Director**

at the Essex Police force. "This is part of a wider strategy to form a combined IT department," he explains. "Pool resources for greater efficiency, and cut IT costs for both police forces even further."

John Zanni, President of Acronis, concludes: "Like many organizations today, the Kent Police is faced with growing volumes of data but tightening budgets are introducing new challenges.

As a result, they needed an uncomplicated, flexible solution for its data protection and storage optimization. Acronis Backup works across every environment, giving the team at Kent easy access to their protected data, no matter where it resides."

ABOUT ACRONIS

Acronis sets the standard for cyber protection and hybrid cloud storage through its innovative backup, anti-ransomware, disaster recovery, storage, and enterprise file sync and share solutions. Enhanced by AI-based Active Protection technology, blockchain-based authentication and a unique hybrid-cloud architecture, Acronis protects all data in any environment, including physical, virtual, cloud, mobile workloads and applications.

Founded in Singapore in 2003, today the company is trusted by more than 5 million consumers and 500,000 businesses worldwide, including 79 of the top 100 most valuable brands.

Acronis

Learn more at
www.acronis.com