

# Unitrends™

## Tioga County, NY Speeds Backup and Recovery Processes with Unitrends Data Protection Unit and Vault

### BACKGROUND

Tioga County is an historic, rural county in the south eastern corner of the Finger Lakes Region of New York State. While most New Yorkers know Tioga County for its rolling hillsides, historic homes, quaint country shops, riverside restaurants, and beautiful river, nearly 52,000 people call this county home. To support its growing population, Tioga County's small computer services organization has a great deal to manage when it comes to county data.

### CHALLENGES

All data archives for Tioga County's sheriff department, board of elections, county legislature, public health and human services, and other county administrative services are managed from a single location which until just 18 months ago was being protected using a back-breaking tape backup solution. With a small staff and growing amounts of data, data protection and recovery was quickly becoming a significant burden. With raw data rapidly approaching 2 TB, and increasing needs for data protection, the rural county needed a fast and reliable disk-to-disk backup and recovery solution to meet its data protection needs.

"Using our old tape backup solution was becoming very cumbersome," said Suzanne Horton, director of IT. "It was hard to keep up with. Our backup windows were growing too long and the physical management of tapes was a real headache. Restoring anything from tape could be a full two day process."

Beyond a small IT staff, Tioga County was also faced with protecting a large mix of applications and databases. From its Microsoft Exchange server for email, to a growing number of SQL, Oracle and Sybase databases, Tioga County needed a data protection solution that would assure support for its mixed environment while also providing the disaster recovery preparedness it needed in the event of data loss or the unexpected.

### SOLUTION

To solve its data protection and recovery needs, Tioga County selected a 3U Unitrends Data Protection Unit which performs simple and reliable data protection for the county's primary storage. The rack-mounted device features a quad-core CPU, 4 GB of RAM and dual gigabit Ethernet adapters so Tioga County never has to worry about performance or throughput.

For complete disaster recovery protection, Tioga County also installed a Unitrends Data Protection Vault at a secondary location. The vaulting solution performs automatic, media-less offsite data protection for Tioga County public data. The Data Protection Vault provides true "lights out" capabilities to protect and manage offsite data backups, and the recovery process. It also integrates seamlessly into the Unitrends web-based Rapid Recovery Console™ for centralized monitoring, management and reporting that shows the protection status of all Data Protection Units, Data Protection Vaults and client systems from a single solution.

"By installing a Unitrends Data Protection Vault offsite at our Sheriff's office, we are now assured that we can quickly and easily recover from any disaster," said Horton. "It's a level of protection we needed, especially as our data continues to grow with our county."

*"Using the Unitrends data protection unit, I no longer have to worry about protecting our critical county data. Even as our Sheriff's office continues to store an increasing amount of large image data, I know our Unitrends solution has the capacity and reliability to handle it all."*

*-- Suzanne Horton, Director of IT, Tioga County*



**Industry/Solution:**  
Government

**Applications/Databases:**  
Microsoft Exchange, Oracle, SQL Server, Sybase

**Key Benefits:**

- > The Unitrends Rapid Recovery Console for simplified administration
- > Remote access from anywhere via a web-based interface
- > Disk-based archiving with high cartridge density and recovery speed
- > BareMetal recovery for the rapid restoration of failed systems

**Success Story**

## RESULT

The combined Data Protection Unit and Data Protection Vault from Unitrends delivered the fast disk-to-disk backup and recovery solution Tioga County needed to meet its data protection needs. Key features of the Unitrends solution that are important to Tioga County include:

- > The Unitrends Rapid Recovery Console which simplifies administration by providing a "single pane of glass" for data protection management
- > Remote access so that on-demand backups and restores can be performed from anywhere via a web-based interface
- > Disk-based archiving which provides extremely high cartridge density and recovery speeds simply not possible with tape-based backup solutions
- > Advanced BareMetal recovery which delivers sector/track-level data protection

"Using the Unitrends data protection unit, I no longer have to worry about protecting our critical county data," said Horton. "The GUI interface is very easy to use and restores are completely painless. Yet, even better, I never have to be concerned about a shrinking backup window. Even as our Sheriff's office continues to store an increasing amount of large image data, I know our Unitrends solution has the capacity and reliability to handle it all."

## ABOUT UNITRENDS

Unitrends is a leading provider of innovative, integrated solutions that protect and restore critical data and systems. Unitrends' family of disk-to-disk backup appliances provides unmatched protection and rapid recovery of lost systems, applications and data. The company's local backup and off-site vaulting appliances eliminate the need for multi-vendor software and hardware, and deliver an integrated solution that is affordable for small- and medium-sized enterprises. Information about Unitrends can be found at <http://www.unitrends.com>.

## Environment:

- > 2 TB of public data supporting the county's sheriff department, board of elections, county legislature, public health and human services and other administrative services
- > Co-located with a fibre-connected offsite disaster recovery facility
- > A mix of applications and databases including Microsoft Exchange, Oracle, SQL Server, and Sybase



# Unitrends™

7 Technology Circle, Suite 100  
Columbia, SC 29203  
803 454 0300 > 803 454 0308 fax

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