

Unitrends Recovery
Success Story



Unitrends and Scale Computing Team Up

Computing and Data Protection for TESCO Contracting Company



Unitrends and Scale Computing Team Up Computing and Data Protection for TESC Contracting Company

Services Industry Success Story

Solution Highlights

Industry | Services

Protected Platforms:

- Centos, Debian, Windows Apps
- Virtualized Linux Servers
- Virtualized Windows Servers

Solution

- Scale Computing HC3
- Unitrends Recovery Series 814S

Benefits

- Hyperconverged infrastructure
- Data protection and granular recovery
- Protection against accidental deletes

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The benefit of knowing both your computing architecture and data are protected, and secured is worth every penny.

Stephen Nadeau
System Administration
TESC Contracting Company

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Customer Profile

TESC (the name was derived from the initials of the four founders) provides construction services, focused heavily on the mining industry. TESC services include civil, structural, electrical and piping, all done with an intense focus on safety. Based in Sudbury, Ontario, TESC has multiple offices across Canada, including many locations as small as mine site trailers.

The Challenge

This wide distribution of work sites requires a unique computing infrastructure, one that can be supported without on-site IT resources. Steven Nadeau is the only Systems Administrator and is responsible for managing all IT systems, including servers supporting highly virtualized Centos, Debian and Windows environments. Nadeau described his greatest challenge as managing change. “We are a small IT department, supporting a large number of people. As demands for improvements come from business functions and new technology becomes available, we are constantly faced with improving, and reconfiguring parts of our infrastructure, something critical in this competitive market.”

The Solution

TESC chose Scale Computing’s hyperconverged HC3 virtualization system as their computing platform. HC3 is a complete ‘datacenter in a box’ with server, storage and virtualization integrated into a single appliance to deliver simplicity, availability and scalability at a fraction of the cost of traditional computing components, particularly where IT departments are spread as thin as those at TESC. Scale Computing’s HC3 provides a variety of backup and disaster recovery features including snapshots, replication, failover, failback, and cloud Disaster Recovery-as-a-Service. However, TESC wanted more advanced levels of data protection and recovery options that were available with the Unitrends Recovery Series 814S hardware appliance. In addition to what Scale Computing provides, Unitrends provides advanced features such as integrated granular recovery of single data elements, long term retention across on-premise, remote, and cloud-based data, multi-site replication configurations, and automated application-level recovery testing and cloud Disaster Recovery-as-a-Service (DRaaS).

The Results

“We adopted Scale computing products because we saw an opportunity to secure our infrastructure for a long time. They offer industry leading technology with an incredible staff behind the product.” reported Nadeau. “Using Unitrends for advanced data protection and recovery also works hand in hand with Scale’s hyperconverged infrastructure.” “Luckily (knock on wood), we haven’t had to use Unitrends for any “critical” incidents. It’s certainly comes in handy when files have been deleted, or moved to unknown locations, and we get a call to restore the content days or weeks later. It takes less than 5 minutes from login to full restoration for any file we need to restore.”