

# Central University of Technology Successfully Migrates from Legacy Backup System to **Acronis** Cyber Backup

Legacy Legato system proved to be too complex and costly; CUT's move to Acronis Cyber Backup simplified administration while lowering costs.

## BACKGROUND

The Central University of Technology (CUT) is a higher education institution in Bloemfontein, in the Free State province of South Africa. It was established in 1981. CUT offers both classroom-based and distance learning, and it currently serves over 10,000 students.

From an IT infrastructure perspective, and particularly in terms of its backup needs, CUT manages an environment of over 100 virtual machines running on 15 physical servers. There are also Oracle and SQL databases in production. For backup, CUT had been using Legato but was finding it too complex to manage and too expensive because of add-on licenses required for their Oracle and SQL. Furthermore, the new systems engineer, Mr. Donally Phonene, was not familiar with administering Legato.

## THE CHALLENGE: FINDING THE RIGHT SOLUTION

As a result, Mr. Phonene and his team began searching for a replacement for Legato with a more cost effective and easier to manage backup solution. They needed their new solution to be able to easily support the current environment while providing the opportunity to scale up. Furthermore, strict disaster recovery procedures were already in place and a very specific response time objective (RTO) of four hours was required for full recovery of a physical or virtual machine. During the evaluation process, several solutions were evaluated, including Symantec and Acronis.

## KEY CHALLENGES

- Migrating from legacy backup system
- Staying compliant with existing disaster recovery procedures
- Simplifying the administrative burden and complexity of backup

## KEY REQUIREMENTS

- To recover a full machine in the event of a disaster in less than four hours
- Easy to manage and administrate

## PROTECTED RESOURCES

- 25 servers
- 6 virtual hosts
- 100 virtual machines
- Oracle and SQL databases

## KEY BENEFITS

- Business continuity
- Easy to use
- Easy data recovery

## THE SOLUTION: ACRONIS CYBER BACKUP

Ultimately, Acronis Cyber Backup selected because it is easy to use, easy to administrate, cost effective, and met CUT's technical requirements. Mr. Phonene also appreciated that Acronis Backup was the only solution evaluated that could recover a full image of a machine.

The latest version of Acronis Cyber Backup is a single solution for all data, regardless of whether the data is on-premise, hosted on remote systems, in private or public clouds, or on mobile devices. AI-based ransomware and cryptojacking protection, improved backup validation, and blockchain backup authentication through Acronis Notary also make Acronis Cyber Backup the most secure and reliable solution on the market today. To migrate off of Legato, CUT purchased ten universal licenses of Acronis Cyber Backup.

### BENEFITS STEM FROM EASE OF ADMINISTRATION

Once CUT made their decision to invest in Acronis Cyber Backup, it only took a week to completely migrate from Legato. This rapid deployment is thanks, in part, to Mr. Phonene having attended an Acronis Certified Engineer training in 2018. He has since recommended it to the rest of his team.

According to Mr. Phonene, "The benefits of working with Acronis are very clear: it is easy to use, making it easy to recover VMs or physical machines thereby providing the business continuity that CUT requires." He continues,

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**Mr. Donally Phonene,  
Enterprise System Engineer**

"The encryption feature is also particularly valuable and is something we are looking to take advantage of once we complete some hardware upgrades to speed things up." Looking forward, CUT also plans to further leverage the functionality of Acronis Cyber Backup by backing up Sharepoint Online, although the timeline on this initiative is not yet set.

### ABOUT ACRONIS

Acronis leads the world in [cyber protection](#) – solving safety, accessibility, privacy, authenticity, and security (SAPAS) challenges with innovative [backup, security, disaster recovery](#), and [enterprise file sync and share solutions](#) that run [in hybrid cloud environments](#): on-premises, in the cloud, or at the edge. Enhanced by [AI technologies](#) and [blockchain-based authentication](#), Acronis protects all data in any environment: physical, virtual, cloud, mobile workloads, and applications.

With 500,000 business customers, and a powerful worldwide community of Acronis API-enabled service providers, resellers and ISV partners, Acronis is trusted by 100% of Fortune 1000 companies and has over 5 million customers. With dual headquarters in Switzerland and Singapore, Acronis is a global organization with offices worldwide and customers and partners in over 150 countries. Learn more at [acronis.com](https://www.acronis.com)