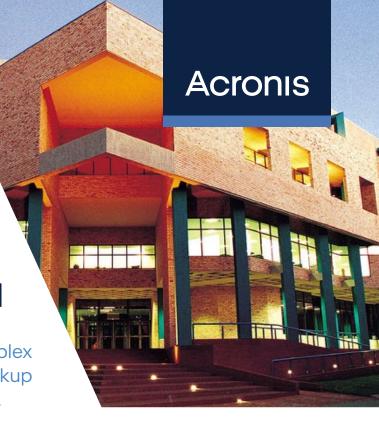# Central University of Technology Successfully Migrates from Legacy Backup System to **Acronis** Cyber Protect -Backup Standard

Legacy Legato system proved to be too complex and costly; CUT's move to Acronis Cyber Backup simplifed 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 administrating 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 PROTECT – BACKUP STANDARD

Ultimately, Acronis Cyber Protect – Backup Standard 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 Protect – Backup Standard 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 Protect – Backup Standard the most secure and reliable solution on the market today. To migrate off of Legato, CUT purchased ten universal licenses of Acronis Cyber Protect – Backup Standard.

BENEFITS STEM FROM EASE OF ADMINISTRATION

Once CUT made their decision to invest in Acronis Cyber Protect – Backup Standard, 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,

> "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."
>
> **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 Protect – Backup Standard by backing up Sharepoint Online, although the timeline on this initiative is not yet set.

ABOUT ACRONIS

Acronis unifies data protection and cybersecurity to deliver integrated, automated cyber protection that solves the safety, accessibility, privacy, authenticity, and security (SAPAS) challenges of the modern digital world. With flexible deployment models that fit the demands of service providers and IT professionals, Acronis provides superior cyber protection for data, applications, and systems with innovative next-generation antivirus, backup, disaster recovery, and endpoint protection management solutions. With award-winning AI-based anti-malware and blockchain-based data authentication technologies, Acronis protects any environment — from cloud to hybrid to on-premises — at a low and predictable cost.

Founded in Singapore in 2003 and incorporated in Switzerland in 2008, Acronis now has more than 1,700 employees in 34 locations in 19 countries. Its solutions are trusted by more than 5.5 million home users, 500,000 companies, and top-tier professional sports teams. Acronis products are available through over 50,000 partners and service providers in over 150 countries and 25 languages.

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