



# A MODERN IT SOLUTION FOR A TIGHT BUDGET

## EDUCATION CASE STUDY



**ZELLA** DC

## BACKGROUND



Hutchins, an Anglican day and boarding school for boys, is one of Australia's oldest and most distinguished schools. Established in 1846, Hutchins is one of the oldest continually operating schools in Australia.

As most other Australian schools, Hutchins faces some challenges when it comes to data storage:

- Meet the necessary privacy requirements when storing data
- Reduce energy costs
- Provide a safe and stable environment for on-site data and applications.

## CHALLENGE

The Hutchins School contacted us when they began to outgrow their existing server room environment. The aging server room was energy inefficient and the cooling systems consumed large amounts of power to compensate for fluctuations in humidity and temperature within the room.

The Hutchins School employs a standard hybrid cloud storage solution, where data is initially stored on-site and subsequently backed up intermittently to an off-site data centre. Nevertheless, the existing server room fell short of compliance with the latest data protection requirements.

**Inefficient cooling**

**High energy costs**

**Data protection requirements**

**Digital Transformation**

## SMART LEARNING

Educational institutions globally encounter common challenges as they strive to create immersive learning opportunities for students, increasingly relying on technology.

Traditional tools like chalkboards, pencils, and pads have given way to the need for:

- Smart boards
- Interactive learning tools
- Devices for both students and teachers
- Online student portals
- Distance learning solutions
- Online testing platforms
- Digital communication channels

This is why educational institutions are going through a digital transformation, with many schools opting for a hybrid cloud set up. By storing and processing critical data on-site they can ensure the smooth running of operations.



# SOLUTION

The Hutchins School were able to solve all their challenges by installing two Zella Pro 38.

## **REDUCED COSTS**

Savings of 30% to 60% on power expenses thanks to a highly efficient system.

## **COMPACT**

It was easy to find the best spot for their Zella Pros in the school - no need for a dedicated server room.

## **COOLING**

The IT equipment is now kept at a stable and safe temperature thanks to our precision cooling system.

## **SCALABILITY**

Easy to scale up when needed by simply adding more Zella Pros.

## **SECURITY**

Cyber security improved by keeping data on-site and thanks to advanced security protocols.

## **LATENCY**

Processing critical data on-premise reduced latency, thus ensuring the smooth running of operations.

# ZELLA Pro

## INDOOR MICRO DATA CENTRE

A Zella Pro is a compact, portable and secure micro data centre that eliminates the need for a traditional on-premise server room.

It's an all-in-one, easy, and fast deployment solution, that can be installed in a matter of hours.

Zella Pro includes precision cooling, cyber and physical security, rack mounted switchboard, ORU PDU and it's ready to be populated with your IT equipment.

**Ready to be deployed at the Edge.**



Empowered by

 **ZELLA Sense**

Advanced Intelligence and Automation

# ZELLA DC

Your data centre, anywhere

Zella DC is a market leader in edge-enabling solutions. With a comprehensive range of indoor and outdoor Micro Data Centres and scalable Containerised Data Centres, Zella DC offers a standard turn-key configuration ready for swift deployment and installation, enabling secure, reliable, and controlled environments for IT and OT equipment anywhere.

With expertise gained over the past decade, Zella DC has deployed Micro Data Centre solutions worldwide, meeting diverse requirements across numerous industries and environments. Zella DC excels in overcoming the unique challenges associated with edge and distributed deployments, providing standardisation and proven solutions.

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