A SCALABLE AND PORTABLE SOLUTION FOR A FAST GROWING COMPANY

MINING CASE STUDY

HiSeis

ZELLA DC

BACKGROUND

HiSeis originated from the research department of Exploration Geophysics at Curtin University, in Western Australia. Such was the success of the new techniques developed from the research that in 2009 the enterprise was spun out of the University as a fully commercial operation.

HiSeis has evolved into the most significant hard rock geological imaging company in the world. As of June 2022, HiSeis has successfully completed over 150 seismic surveys for 75 separate clients in 15 countries around the globe.

CHALLENGE

As a result of company growth and the increasing volume of data collected, HiSeis required a more efficient and expansive data storage solution. Their current storage capacity, mainly relying on company computers' hard drives, proved insufficient as data volumes grew. HiSeis recognised the necessity to reassess their storage methods to accommodate recent growth and ensure secure and rapid data handling.

Moreover, they aimed to facilitate potential office expansion without being constrained by the availability of suitable data centre facilities in the vicinity. While considering off-site data centres, HiSeis encountered concerns regarding various challenges, including:

Insufficient data storage capacity

Need to relocate

Need to scale quickly

Need a fast solution

A PORTABLE DATA CENTRE

One of HiSeis's key requirements was the ability to move to a larger office space without having to be concerned about whether or not there would be a suitable data centre facility within the area.

The challenge HiSeis experienced is a typical issue for small to medium businesses who are experiencing rapid growth and need to be agile and flexible.

This is one of the main reasons why micro data centres are becoming increasingly popular: they can be quickly unplugged, transported, and plugged back into the new premise with minimum effort and planning required.

The decommissioning and re-installing of a Zella Pro only takes a couple of hours saving you time and money. Your trusted electrician will be able to connect your Zella Pro to mains power and any qualified air conditioning technician will be able to commission the cooling system.

SOLUTION

HiSeis were able to solve all their challenges with a Zella Pro 25.

STORAGE
Increased data storage capacity to meet the growing demands of the business.

PORTABILITY
HiSeis is now able to relocate to premises of their own choice wherever they need - no need to worry about server rooms and data centres availability.

SCALABILITY
This solution allows for further growth later on with the easy addition of another Zella Pro.

FAST SOLUTION
The Zella Pro was delivered in a few weeks and installed in a few hours.

COMPACT
It was easy for HiSeis to find the best spot for their Zella Pro in their office - no need for a dedicated server room.

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, 0RU 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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