



MICRO DATA CENTRE IN THE CLOUDS

MANUFACTURING CASE STUDY



ZELLA DC

BACKGROUND

Nissan is a Japanese multinational automobile manufacturer with offices in most countries, including Chile.

Nissan LATAM was created to better meet the needs of local customers in the 34 countries in the region. Nissan LATAM works with local commercial partners to consolidate Nissan's presence and ensure the delivery of high quality standards for product, customer service and after sales service.



CHALLENGE

When the Chile office relocated to the Gran Torre in Santiago de Chile, the tallest building in South America, they quickly encountered a few challenges:

Lack of space - The office space in the Gran Torre is very expensive so space came at a premium. Moreover, the office didn't have an on-premise server room and because of the tight space they were not able to build one.

This means they had to place their IT infrastructure in the office environment, amongst desks and people.

Flexibility - Another priority was flexibility: as Nissan Chile didn't know how long they would stay in this building, they wanted a solution that would allow them to easily relocate when the time came.

Remote monitoring - Lastly, Nissan Chile did not have any local IT personnel and their IT infrastructure had to be managed and monitored from the head office in Brazil.

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

SOLUTION

Nissan successfully solved all their challenges with a Zella Pro 38. Following a brief procurement phase, the Zella Pro was seamlessly integrated, requiring minimal effort during commissioning. Its compact and sleek design ensures that its presence in the working environment does not disrupt operations. With its fully sealed construction and remarkably low noise levels, the Zella Pro operates discreetly.

Monitoring of the unit is centralized at Nissan's headquarters in Brazil, empowering the company with comprehensive control over a standardized network.

COMPACT

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

LOCAL PROCESSING

Processing data on-site improved the timeliness and accuracy of data collection and reporting.

REMOTE CONTROL

Thanks to Zella Sense, the Zella Pro can be monitored, managed, and controlled remotely from the head office in Brazil.

EASY TO RELOCATE

The Zella Pro can easily be relocated when Nissan Chile are ready to move - all they need to do is disconnect and reconnect power and the air conditioning system.



Q&A WITH MANUEL PINTO, NISSAN CHILE

How did having a Zella Pro change your operations?

The Zella Pro has allowed us to recreate a server room with all its components but on a very small footprint, allowing us to save valuable space.

The monitoring of both Zella Pro is done remotely from Nissan Brazil so we don't need specialist personnel on site.

What prompted you to buy the Zella Pro?

Due to the limited space available, we needed a solution that was small but also with a sleek design as it had to be placed in an open area.

We also needed a solution that could be easily redeployed as we are planning to relocate the office in the near future.

How did you justify the purchase?

A server room was not an option for us due to the need to relocate quickly.

The other fundamental issue was the cost of the solution compared to building a new server room as well as the speed of deployment.

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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