

# DELL EMC CASE STUDY

## EDGE DATA CENTRE DEPLOYMENT

Keysource collaborated with Dell EMC to support multiple edge data centre deployments at key locations across EMEA.

The micro Modular Data Centres (MDCs), designed by Dell EMC's Extreme Scale Infrastructure team, helped a multinational automotive company in the roll-out of its connected vehicle technology - deploying semi-autonomous vehicles.

Keysource carried out the planned deployment and is responsible for the ongoing maintenance and facilities management (sustaining) for the MDCs at locations including Finland, Dubai, Czech Republic and Germany.

Keysource's expert teams worked closely with project stakeholders to ensure all requirements were delivered using in-house capability, which greatly helped in overcoming regional challenges.

This was enhanced with an overarching management capability which could liaise with multiple stakeholders within Dell EMC and the client team. This ensured deliverables were met and user expectation were successfully managed.

On completion of each delivery phase a seamless transition to operational management (sustaining) was put in place which provides remote monitoring, technical support, preventative maintenance and emergency response to sites 24x7x365.

- Keysource mobilised the deployment of the MDC's including:
- Coordinating local regulations, standards and approvals for site readiness
- Site preparation including slabs, structural requirements, and service routes/ducts etc.
- Provisioning of suitable power supplies
- Provisioning of mechanical services between the MDC and dedicated heat rejection components
- Provision equipment handling to take delivery, move and position the MDC to its final location.
- Complete BMS connections for local and remote monitoring of MDC and life safety systems.
- Integrated Systems Testing to demonstrate performance and modes of operation.

As part of the deployments, Keysource provided geographically located service and maintenance for the ongoing facilities management (sustaining) of the edge MDC.

## QUOTE

"The fact that these MDCs are in widely different and sometimes hostile environments, presents an array of different challenges for their maintenance and, having been involved in this project from the start, we are best placed to deliver this."

John Board, Head of FM Operations, Keysource