

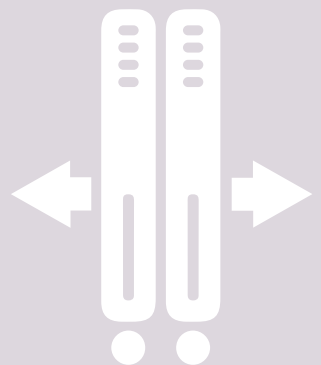
Altron[®]

Mobile DC

Plug & Play Data Centre
Deployed in 12 weeks
Re-deployed in hours



www.altron.net



Mobile DC includes power distribution, thermal management, control and ancillary systems installed in a custom-made container. It is fully integrated and pre-configured to create a complete environment for efficient and reliable operations.

Features

Building a brand-new data centre in a short time is almost impossible. But a state-of-the-art Mobile DC offers you the right solution when you need to build a DC quickly.

Enable real-time processing and resolve latency and bandwidth issues by locating the data centre closer to your operations.

- Extreme energy efficiency
- Factory pre-configured and tested solution
- Flexibility and scalability for growth as per customer demand
- High degree of physical security
- Mobility
- Fast time to market
- High capacity and density
- Any hardware integration possible

Key parameters

- ICT load: up to 150 kW per module
- Number of racks: up to 13 racks
- Tier classification: TIER I-III
- Environmental conditions: from -40 °C to 55 °C

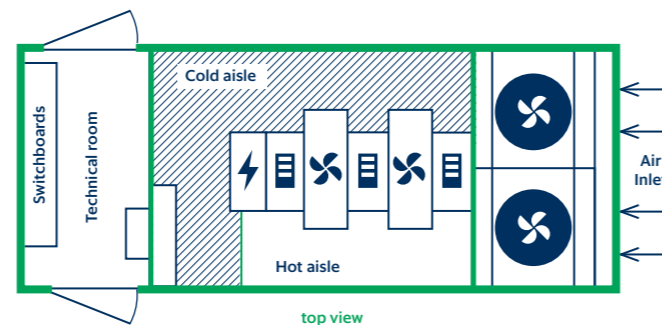
Benefits

- Eliminates risk, with a pre-engineered, factory-assembled, tested, configured, and fully managed system.
- The Mobile DC allows for scalable growth of IT infrastructure and the flexibility to adjust the design and size in future phases of deployment.
- The Mobile DC can be set up in a harsh environment.
- The Mobile DC arrives on site ready for deployment, which significantly reduces installation time and cost.
- Integration of standard components from global manufacturers enables worldwide maintenance coverage.
- World-class Data Centre Monitoring system (AIMON) enables real-time monitoring and management.

Options

MMDC 20

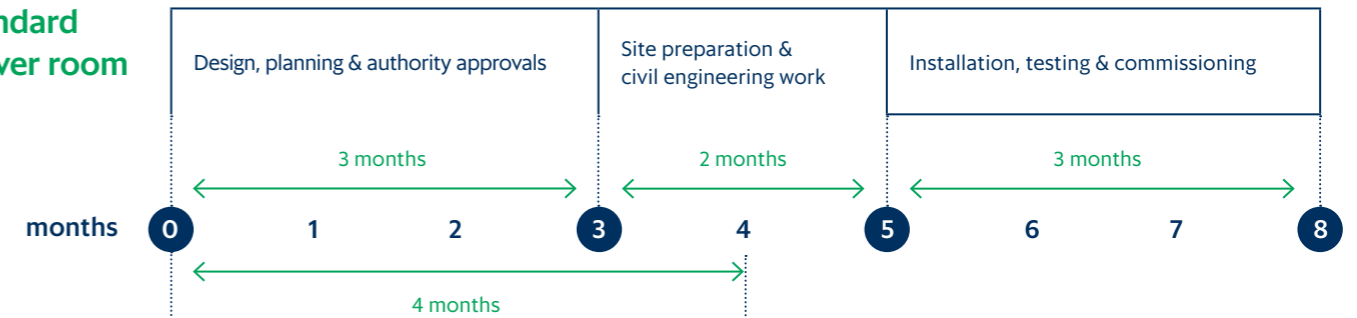
6 metres / up to 35 kW / 126 U-positions



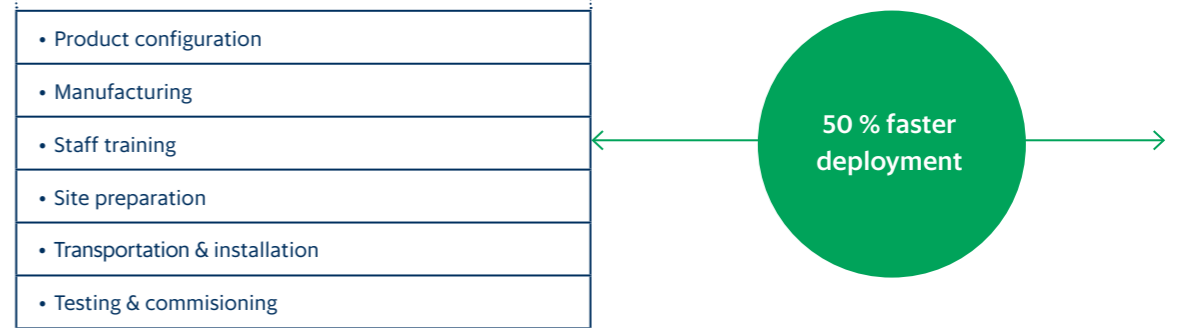
Applications

- The Mobile DC addresses the challenges of deploying data centres in very short time, in remote areas, industrial environments, and any locations where a dedicated building or space does not exist.
- The Mobile DC offers the simplicity of an easy-to-deploy data centre for a branch office, health-care facility, manufacturing, humanitarian or military operations, disaster recovery, temporary DC, airports and ports.

Standard Server room

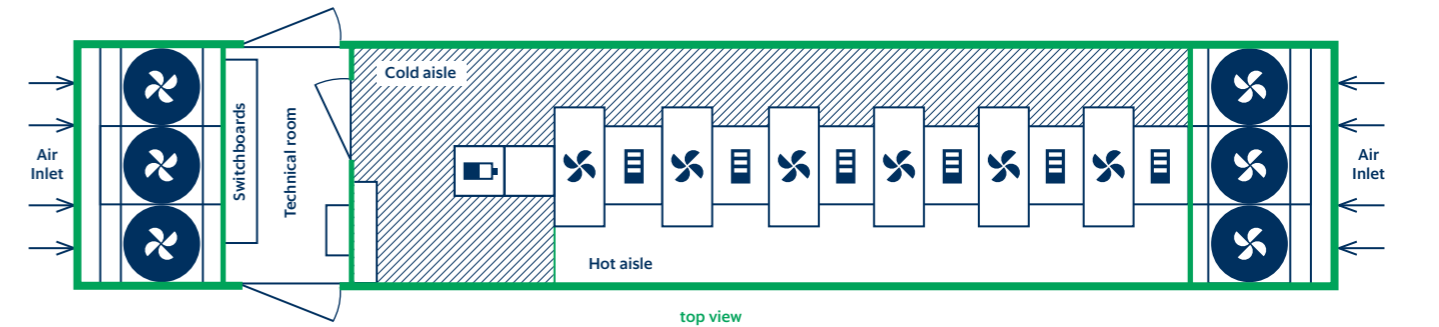


Mobile DC deployment



MMDC 40

12 metres / up to 90 kW / 462 U-positions



MDC 40

12 metres / up to 150 kW / 546 U-positions



Mobile DC Specifications

Micro Data Centre type	MMDC 20	MDC 40/MMDC 40
Modularity	Yes	No/Yes
Tier compliance	I-II	I-III
ICT power	15–35 kW	48–150 kW
Input power	Three phase 400V, 50Hz, TN-S	Three phase 400V, 50Hz, TN-S
Rack power distribution	2× standard PDU zero U with C13 and C19 socket	2× standard PDU zero U with C13 and C19 socket
UPS	20–60 kW	20–220 kW
UPS autonomy time	4–7 min	7–10 min
Real-time monitoring	Yes	Yes
U-positions for ICT	84–126 U	252–546 U
Racks	min. 600 × 1000 × 42 U	min. 600 × 1000 × 42 U
Dimensions	ISO 20 1CC or 6058 × 3500 × 2591 mm	ISO 40 AA or 12192 × 3500 × 2896 mm*
Weight	9 tonnes w/o ICT	12–15 tonnes w/o ICT
Battery	VRLA	VRLA
Operating conditions	–40 °C to 55 °C	–40 °C to 55 °C
Type of cooling	DX (inrow cooling)	DX (direct evaporisation, indirect free cooling) / DX (inrow cooling)
Cooling capacity	20–60 kW	75–250 kW
Fire extinguishing system	Novec 1230 / FM 200	Novec 1230 / FM 200
Alarm security and emergency system	Yes	Yes
Electronic access control	Yes	Yes
CCTV (closed circuit television)	Yes	Yes
Structured cabling system	Optional	Optional

* dimensions without external cooling units

Altron



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Why Altron?

- With more than 25 years' experience in all aspects of data centres and mission-critical technologies, we build state-of-the-art solutions for a wide range of clients.
- We do so by offering a complete service, from consultancy and design to data centre operation, maintenance and management.
- Our R&D team actively contributes to the development of the global data centre sector by inventing and developing innovative solutions.

More than a Data Center