

NON ISO Modular Datacenter



NON ISO MODULAR DATACENTER

NON ISO Modular Data Center is a purpose-engineered and fully integrated datacenter system designed to offer organizations scalable data center capacity. Off site constructed, MDC can be delivered at your premises as all-in-one compact modules or in multiple configuration to achieve state of the art contiguous datacenter white space in a matter of weeks. Furthermore, NON ISO MDC is available in two standard sizes of 25' and 45' and with multiple power and cooling options and suitable to green field datacenter deployments as well as retrofitting into existing data center facilities.



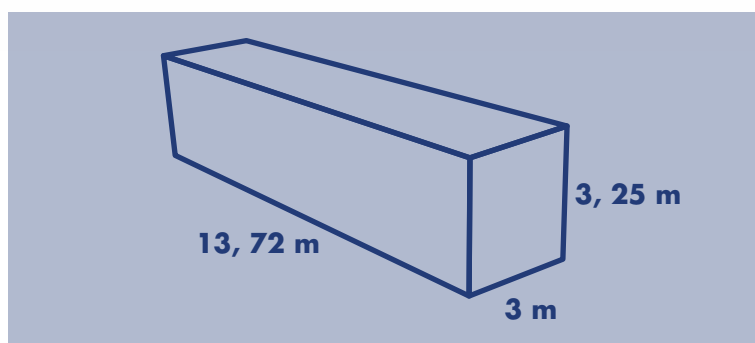
Benefits

- > Differed Capex.
- > Fast Deployment.
- > Real Estate Savings.
- > Energy Efficient.
- > Relocatable & Fully Integrated
- > Flexible & Customizable.
- > Ideal for High Density Environments.

Ideal for

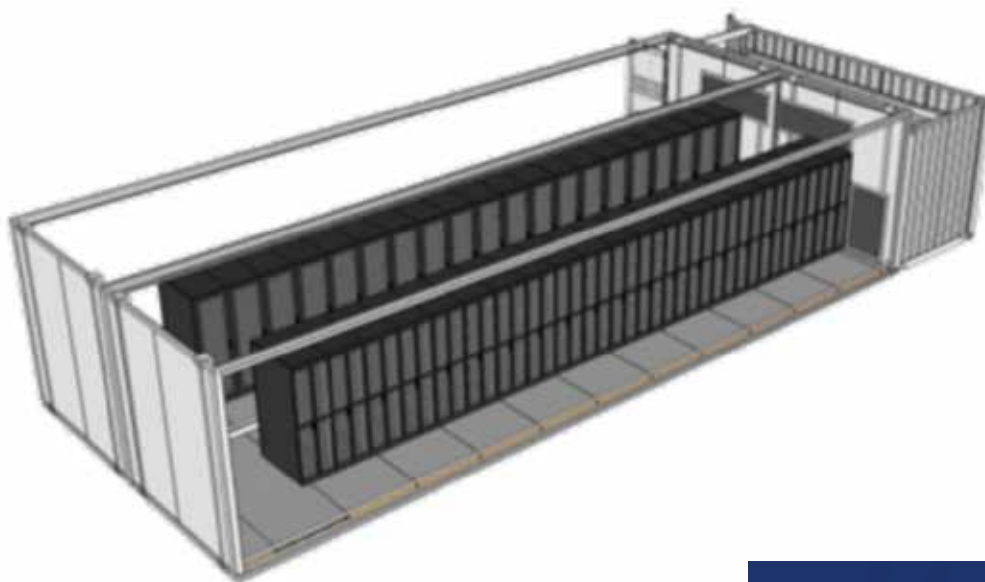
-  Rugged Datacenter Infrastructure
-  Fast Deployment
-  Flexible
-  Energy Efficient

NON ISO MODULAR DATACENTER



DESIGNATION	MODULE SIZE	NUMBER OF RACKS
25' DC MODULE	25'	10
45' DC MODULE	45'	20

Non Iso Mdc 45' & 25' Options

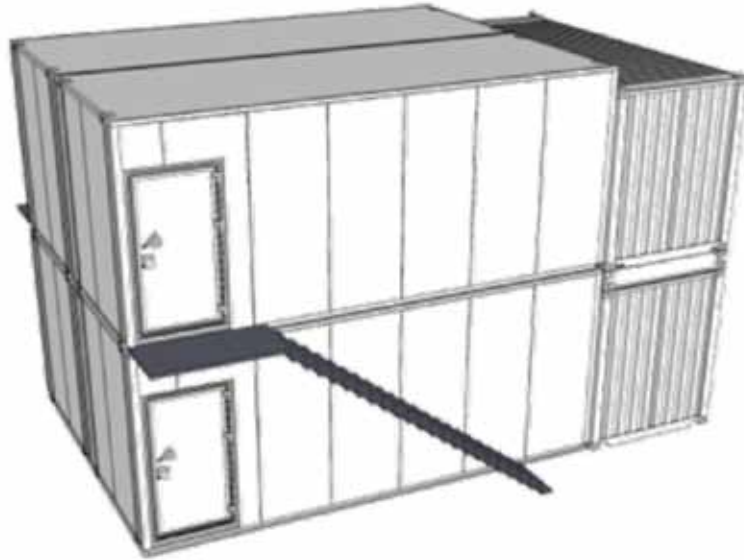


2x45' DC Module + 20' Cooling

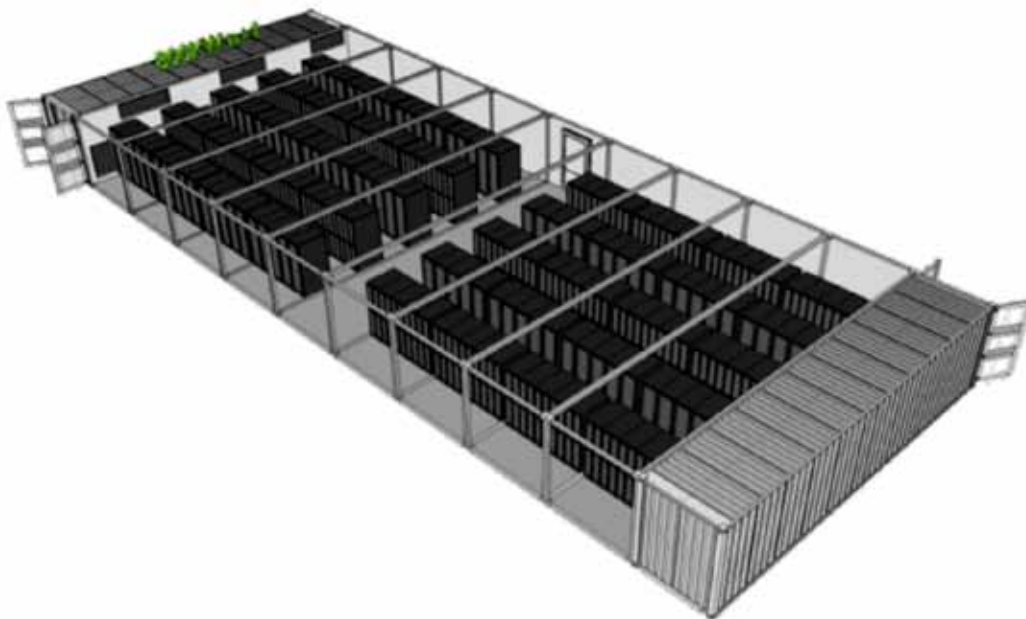


4x25' Non ISO Room + 40' Cooling

Non Iso Mdc Expansion Options









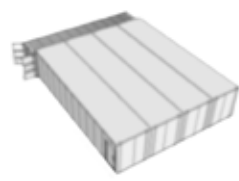
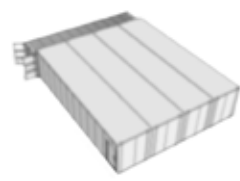
Stackable MDC









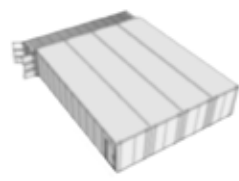
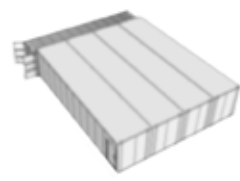
Side to Side Expansion



COOLING (n+1)

NON ISO DMC	20' DFC&NFC COOLING 150 KW	20' CHILLED WATER COOLING 300 KW	40' DFC&NFC COOLING 350 KW	40' CHILLED WATER COOLING 700 KW
20' NON ISO MDC (10 RACKS/UNIT)				
	20 RACKS @ 7,5 KW/RACK	20 RACKS @ 15 KW/RACK	40 RACKS @ 8,5 KW/RACK	40 RACKS @ 17,5 KW/RACK
40' NON ISO MDC (20 RACKS/UNIT)				
	40 RACKS @ 3,75 KW/RACK	40 RACKS @ 7,5 KW/RACK	80 RACKS @ 4,3 KW/RACK	80 RACKS @ 8,75 KW/RACK

COOLING (n)

NON ISO DMC	20' DFC&NFC COOLING 200 KW	20' CHILLED WATER COOLING 400 KW	40' DFC&NFC COOLING 400 KW	40' CHILLED WATER COOLING 800 KW
20' NON ISO MDC (10 RACKS/UNIT)				
	20 RACKS @ 10 KW/RACK	20 RACKS @ 20 KW/RACK	40 RACKS @ 10 KW/RACK	40 RACKS @ 20 KW/RACK
40' NON ISO MDC (20 RACKS/UNIT)				
	40 RACKS @ 5 KW/RACK	40 RACKS @ 10 KW/RACK	80 RACKS @ 5 KW/RACK	80 RACKS @ 10 KW/RACK

What is the business value of using MDC?

■ Fast Time to Market

- 12 to 18 weeks for modular vs. 12 to 24 months for traditional.

■ Scalable OPEX

- 20% to 40% improvements in Energy Efficiency
- No overcooling or over powering of buildings.
- Faster depreciation than bricks and mortar
- Environmentally friendly

■ Scalable CAPEX

- Buy only what facilities and equipment that you need today.
- Optimum utilization of real estate.

■ Plug & Play

- Offsite constructed building blocks ready to be installed and relocated anywhere in the world.

■ Extremely Energy Efficient

- PUEs 1.05-1.

■ Project Simplification

- Slash Complexity and Risks associated to traditional construction.

■ Flexible

- Adaptable to changing IT Technologies & Multi-tier

■ Fully-Integrated

- Includes 100 percent of the critical infrastructure needed for an always-on data center.

■ Space efficient.

- Multi configurations available & Stackable.



Buy vs Build? No Thanks, MDC

BUILD

■ PROs

- Low cost Long Term option
- The business owns & controls the facility
- Independent decisions can be taken

■ CONs

- Significant Upfront Initial Investment
- Long term process which may require a "interim" solution
- Long term commitment
- May not offer technical and business flexibility

BUY (COLO)

■ PROs

- Low Upfront initial Investment
- Quick Implementation
- Technical & Business Flexibility

■ CONs

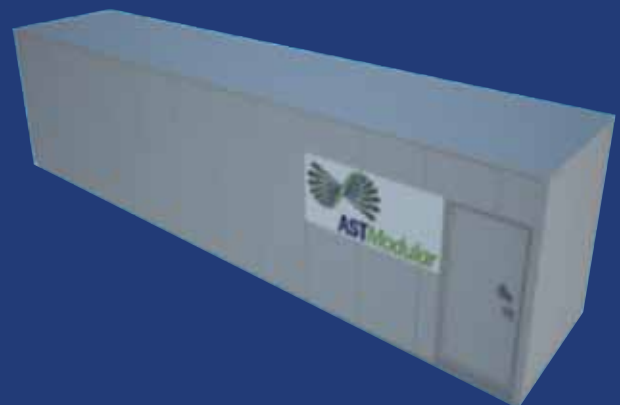
- Higher long Term Cost
- Facility is controlled by the provider
- No suitable as long term solution
- Requires conversion to provider's requirements.



MDC

■ PROs

- Low Cost Upfront Initial Investment. Build as you Grow
- Low cost Long Term option
- The business owns & controls the facility
- Independent decisions can be taken
- Super Fast time to market, no 'interim' solution needed
- Suitable as a Long term option
- Technical and business flexibility, fully relocatable.





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