

Innovative and Efficient...

Mobile Data Centers



HIGHEST Capacity... LOWEST Footprint...

Power

Availability of capacity and quality of power at all time is a core requirement of resilient data centers and hosting facilities. Making the right amount of power seamlessly available to hosted equipment is an absolute must in maintaining the required uptime! Rendering highest power capacity and availability is guaranteed and optimally implemented across Motile data centers. Motile data centers are equipped with redundant UPS systems and battery banks, with available optional or built-in generator sets which aggregately provide un-interruptible quality power availability with highest possible capacity within any given Motile data center.

Capacity

Precision cooling remains to be one of the most important criteria for operating mission-critical data centers. Having rack space or power capacity in the absence of proper cooling is a waste of investment and guaranteed disturbance of hosted applications. Motile data centers provide low, mid and high-density cooling infrastructure platforms while taking advantage of world's state-of-the-art cooling systems and industry's best standards and practices. Motiles come in diverse cooling platforms of DX, chilled water, CRAC as well as self-cooled racks with embedded intelligence and highest possible cooling capacity and availability per sqm while maintaining efficiency and robustness.

Rackspace

Rack space a vividly visible major hosting factor and a prime limitation for hosting facilities' accommodation of current and growing needs. Motile designs are based on providing highest number of rack space per square foot. Motiles not only provide dense quantities of "U" but also immense qualities of "U" whereby all racks possess robust railing systems, high-weight tolerance for mounting equipment as well as redundant power distribution units and rack management appliances.





Environment Independent
Environment Friendly
Environment Safe

Hazard Proof

Motile data centers come fully hazard proof and independent from the surrounding environments. All Motile DCs are earthquake proof, weather proof, dust proof, leak proof, fire proof, heat and moisture proof. Hazard impermeability is a built-in feature and one of the core building blocks of Motile data centers. Motiles also come in varied options of bullet proof, RPG proof, EMF and EMP proof for military and varied high-security requirements.

Green

While Motiles are totally independent from the hazards and intrusions of the environment, they are designed to be as environment friendly as possible. Since Motile DCs are built to be positioned in open areas and nature, they are built to be friendly inhabitants of the environment that hosts them. Majority of Motile designs are based on green topologies, energy efficiency, high-density, and low footprint advanced schemes. Motile greenness besides its positive contribution to the nature, enables lower operational costs, less maintenance efforts, higher capacities and modularity.

Motile

Mobility, compactness, high-density and "spontaneous" movement is an active "biological" characteristic of Motile data centers. Being truly mobile, modular in design, practical on deployment without complications, taking least amount of space, lowest possible need for slightest dependence to physical constraints, are foundations of Motile platforms. All components are designed for seamless movement catering and modular expansion.

Fire Protection

Motile data centers are fully protected by active and passive fire protection systems. All Motiles are equipped with fire detection, fire alarm and fire suppression. Specific models of Motile DCs come with Fire Prevention system, which is highly advanced and works based on reduced oxygen content in active prevention mode. This practically eliminates all chances of any ignition or fires happening without any need for suppression. Some models of Motile even come with fully redundant systems of both fire prevention and fire suppression systems.

Intelligent Protection

Security upholding and control remains a key component in data center implementations. Every security measure embedded in fully secure and standards-based data center is embedded into Motile DCs. Latest CCTV, access control, biometrics, monitoring and security controls are put in place to guarantee full security observance, maintenance and monitoring on all Motile data centers.

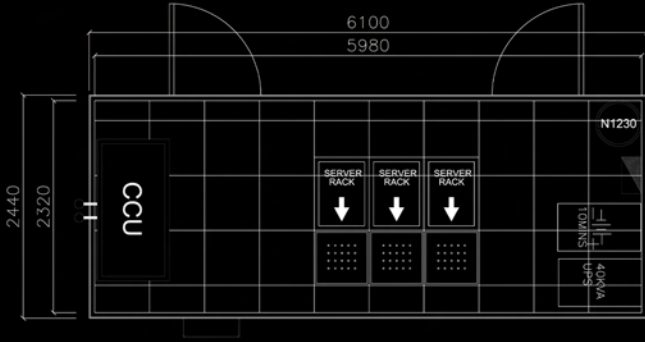
Physical Security

Comprehensive intelligent monitoring controls are configured in every Motile. Environment Monitoring Systems (EMS) provide full wired and wireless IP-based active monitoring of temperature, moisture, vibration, movement as well as smoke within the data centers. Motiles also come with embedded digital leak detection systems thus completing full spectrum of effective environmental logging and monitoring for data centers.



Guaranteed Safety & Security

Compact CX8 320®

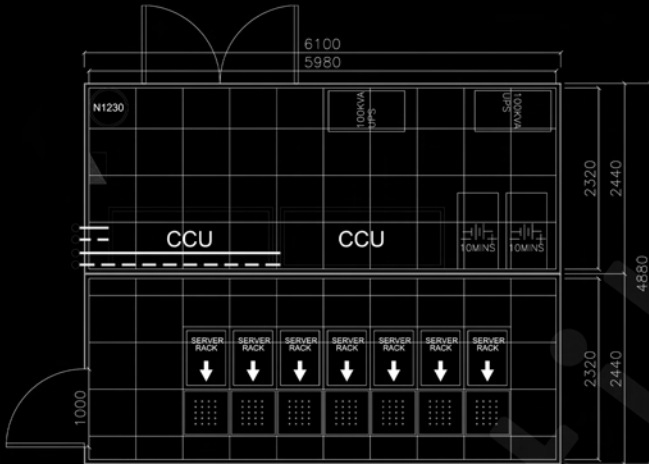


GROUND FLOOR DATA CENTER LAYOUT

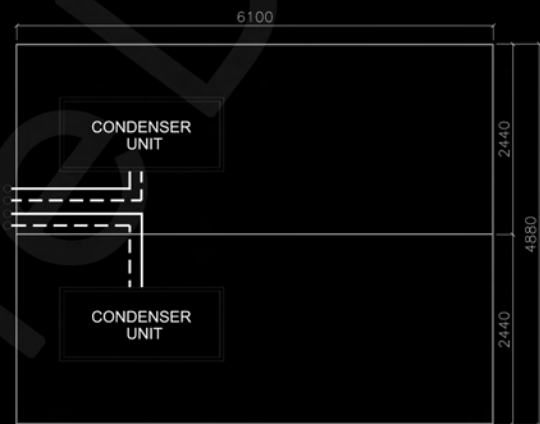


ROOF EQUIPMENT LAYOUT

Compact CX8 720®



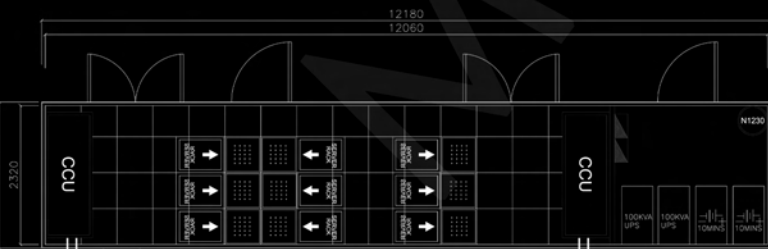
GROUND FLOOR DATA CENTER LAYOUT



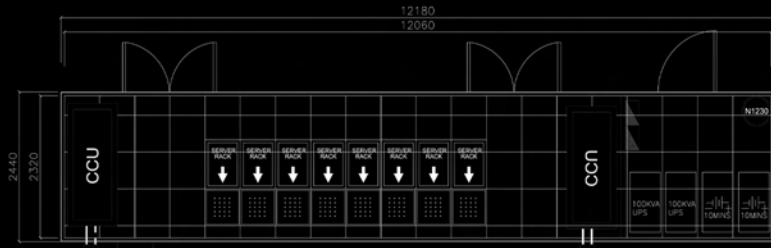
ROOF EQUIPMENT LAYOUT

Compact CX6 940®

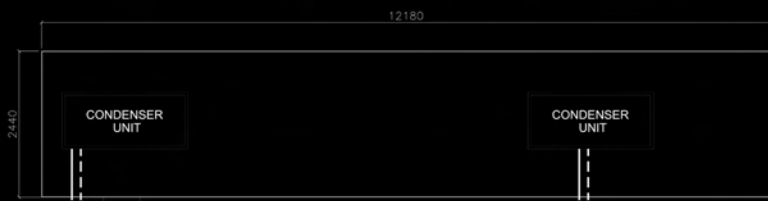
Compact CX6 820®



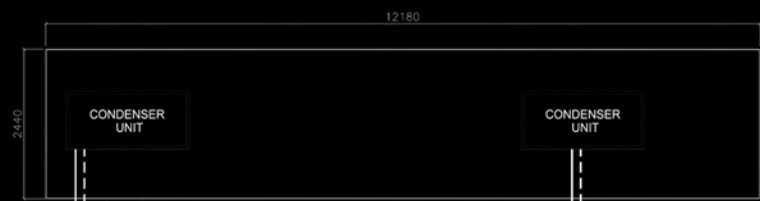
GROUND FLOOR DATA CENTER LAYOUT



GROUND FLOOR DATA CENTER LAYOUT

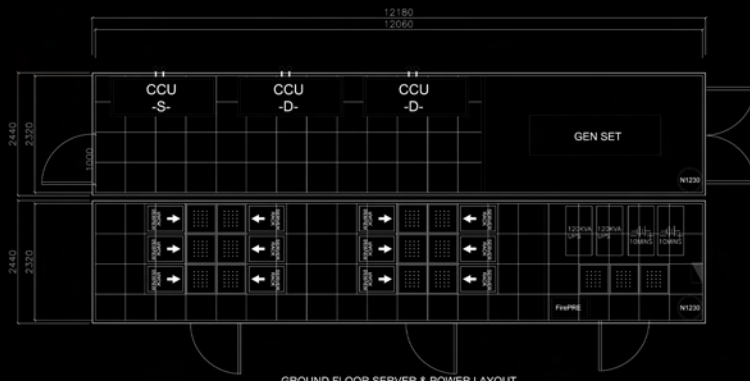


ROOF EQUIPMENT LAYOUT

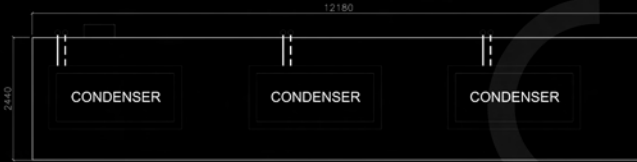


ROOF EQUIPMENT LAYOUT

Premier CX8 1220®

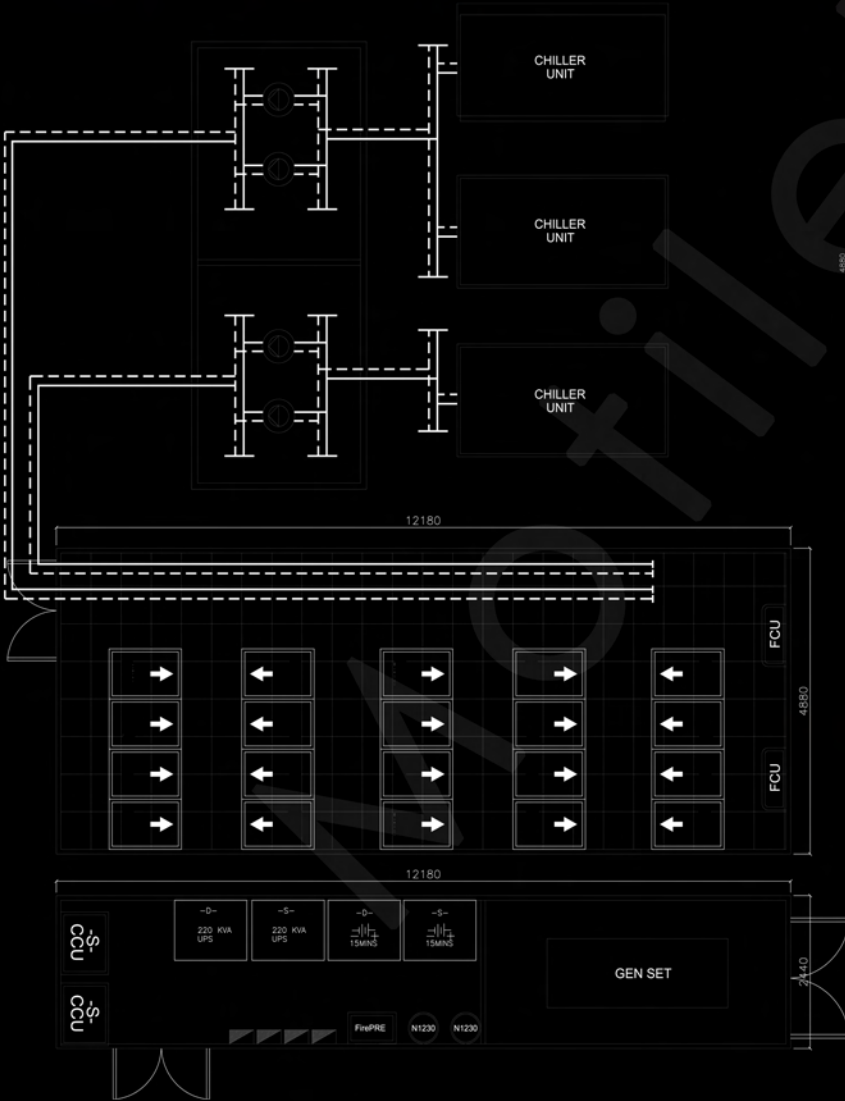


GROUND FLOOR SERVER & POWER LAYOUT



ROOF EQUIPMENT LAYOUT

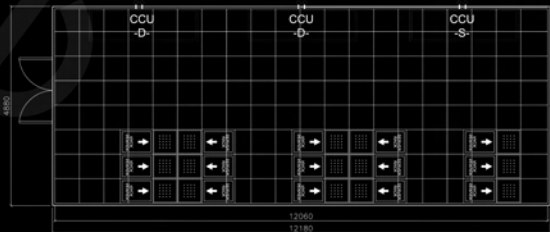
Premier CX10 1520®



Premier SW10 2040®



GROUND FLOOR POWER LAYOUT

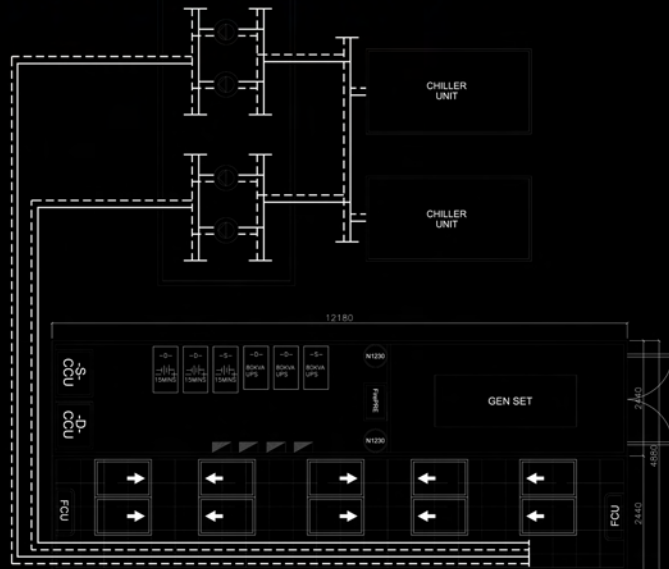


GROUND FLOOR SERVER LAYOUT LAYOUT

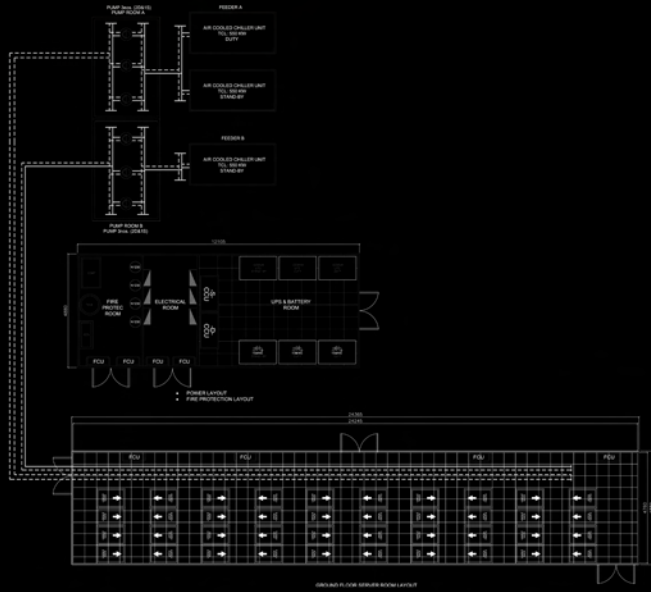


ROOF EQUIPMENT LAYOUT

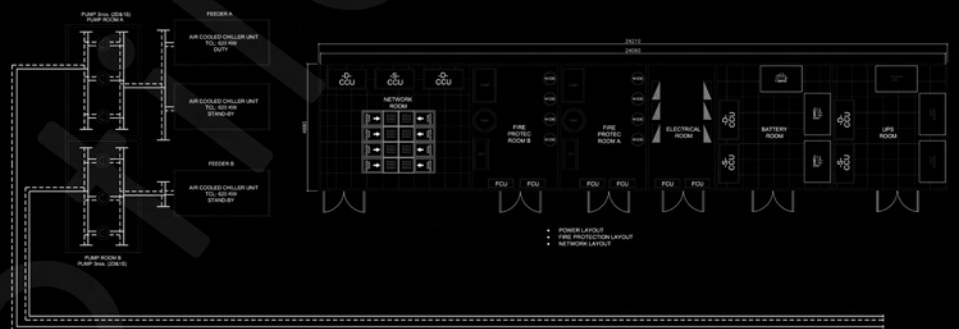
Premier SW10 1020®



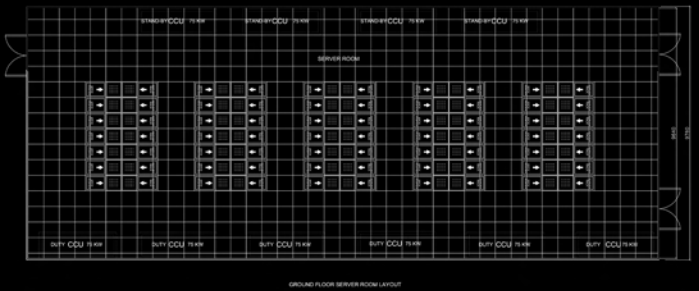
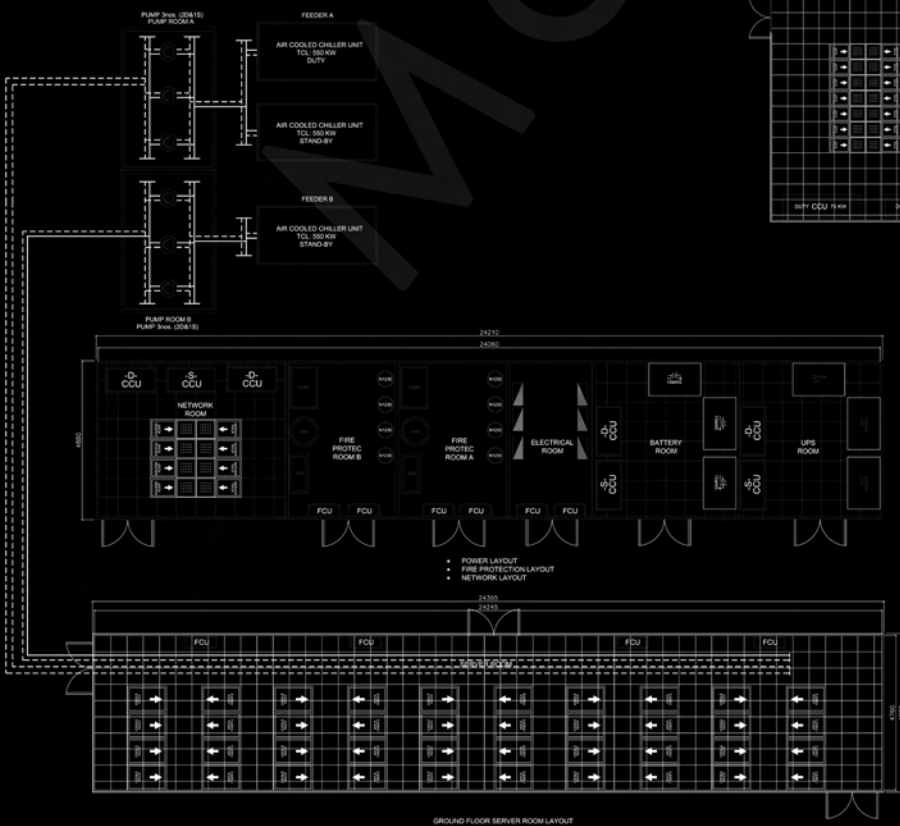
FDDC SW10 4040®



FDDC SW6 7840®



FDDC SW10 4840®



Product Specification:

Models	Cooling Per Rack	Total IT Load	Generator	Generator Capacity	Highpoxic Air Fire Prevention	Novak 1230 Fire Suppression
Compact CX8 320	8 KW	2 KW	Optional	70 KVA	No	Yes
Compact CX8 720	8 KW	56 KW	Optional	150 KVA	No	Yes
Compact CX6 940	6 KW	54 KW	Optional	150 KVA	No	Yes
Compact CX6 820	6 KW	48 KW	Optional	119 KVA	No	Yes
Premier CX8 1220	6 KW	72 KW	Included	175 KVA	Yes	Yes
Premier CX10 1520	8 KW	120 KW	Included	275 KVA	Yes	Yes
Premier SW10 1020	10 KW	100 KW	Included	250 KVA	Yes	Yes
Premier SW10 2040	10 KW	200 KW	Included	500 KVA	Yes	Yes
FDDC SW10 4040	10 KW	400 KW	Optional	900 KVA	Yes	Yes
FDDC SW6 7840	6 KW	468 KW	Optional	1000 KVA	Yes (N+1)	Yes
FDDC SW10 4840	10 KW	480 KW	Optional	900 KVA	Yes (N+1)	Yes

Models	No. of Racks	Footprint (SQM)	UPS Capacity	UPS Configuration	Cooling Capacity
Compact CX8 320	3	15 Sqm	40 KVA	N	35 KW
Compact CX8 720	7	30 Sqm	100 KVA	N+1	76 KW
Compact CX6 940	9	30 Sqm	100 KVA	N+1	70 KW
Compact CX6 820	8	30 Sqm	100 KVA	N+1	65 KW
Premier CX8 1220	12	60 Sqm	120 KVA	N+1	100 KW
Premier CX10 1520	15	90 Sqm	160 KVA	N+1	160 KW
Premier SW10 1020	10	60 Sqm	160 KVA	N+1	130 KW
Premier SW10 2040	20	90 Sqm	220 KVA	N+1	260 KW
FDDC SW10 4040	40	180 Sqm	320 KVA	N+1	550 KW
FDDC SW6 7840	78	360 Sqm	320 KVA	N+1	620 KW
FDDC SW10 4840	48	240 Sqm	320 KVA	N+1	550 KW

Model	Tier			Green		Assembly		Density Apps			Mobility		
	I	II	III	AV	NA	IF	OS	HD	MD	LS	EXT	MID	MDU
Compact CX8 320	✓					✓	✓			✓		✓	
Compact CX8 720	✓					✓	✓			✓		✓	
Compact CX6 940		✓				✓	✓				✓	✓	
Compact CX6 820		✓				✓	✓				✓	✓	
Premier CX8 1220		✓				✓	✓			✓		✓	
Premier CX10 1520		✓				✓	✓				✓	✓	
Premier SW10 1020		✓		✓		✓	✓						✓
Premier SW10 2040		✓		✓		✓	✓						✓
FDDC SW10 4040		✓		✓			✓	✓					
FDDC SW6 7840			✓	✓			✓				✓		
FDDC SW10 4840			✓	✓			✓						

Model	Color				
	White	Black	Silver	Navy	Camouflage
Compact CX8 320	✓		✓		
Compact CX8 720	✓		✓		
Compact CX6 940	✓	✓	✓		✓
Compact CX6 820	✓	✓	✓		✓
Premier CX8 1220		✓		✓	
Premier CX10 1520		✓	✓	✓	
Premier SW10 1020		✓		✓	✓
Premier SW10 2040	✓	✓		✓	
FDDC SW10 4040		✓		✓	✓
FDDC SW6 7840	✓	✓	✓	✓	✓
FDDC SW10 4840	✓	✓	✓	✓	✓

