



DCV INDUSTRIES

Company Profile

Who We Are



DCV INDUSTRIES is a group company of **IHC Holding**



Part of a UAE Investment Groups that has a group turnover of almost \$20B+



Office and Support Center in Abu Dhabi (HO), Dubai, Riyadh



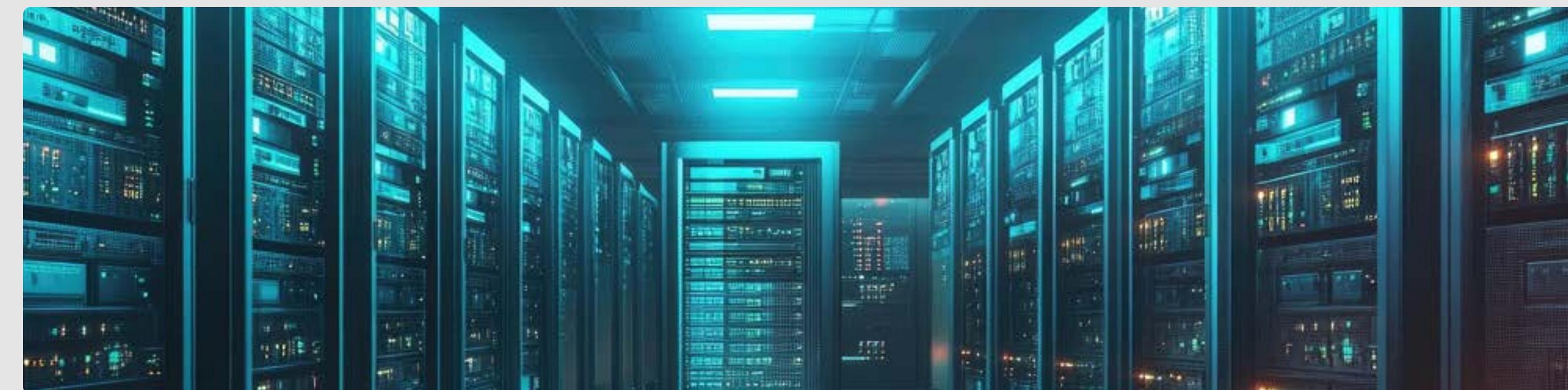
Top partners with Leading Global Technology companies



Abide by multiple Quality, Health, Safety and Environment Standards.



Made In Abu Dhabi



What We Do

DCV Industries introduce “QUBE” for container and prefabricated building solutions. Container conversion concept getting very popular and fast-growing building concepts. The concept of container conversion is built up over the sustainability and environment friendly wherein the solution is quick and economical compared to traditional construction methodology.

Technology

- Container Datacenters
- Modular Prefab Datacenters
- Mobile Command Centers
- Modular Telecom Shelters
- E-houses
- Tech-Hub Workspaces

Commercial

- Staff/Labor Accommodation
- Site Office
- Container Luxury offices with multilevel structures
- Emergency clinic/ hospital
- Security outlets
- Retail Outlets
- Business Parks & Centres

Hospitality & Real Estate

- Luxury Houses/Resorts
- Sales Kiosk
- F&B Outlets
- Restaurant Outlets
- Luxury Majlis
- Recreation Centres

WHAT MAKES US DIFFERENT

Early adopters
of New and complex
technologies and
Solution



One of the
Best customer
satisfaction and
retention rate in the
region



Inhouse Certified
Team for Design &
Engineering



Own a fabrication factory in UAE
for better service and support

MADE IN ABU DHABI



Unique Blend of
Technology,
Fabrication, & Designer



01

DATA CENTER PREFAB PORTFOLIO

Prefab DC Capabilities

Pre-Fabricated
Data Center



Container AIO
Data Center



Micro
Data Center



QUBE AIO Container DC

Standard 40Ft Container	Customized 40Ft Container	Standard 20Ft Container	Customized 20Ft Container
ISO Standard 40 Ft 2.44Mtr Wide	Customized 40Ft Container 3.5Mtr Wide	ISO Standard 20 Ft 2.44Mtr Wide	Customized 20Ft Container 3.5Mtr Wide
6 – 8 IT Racks	8-9 IT Racks	4-6 IT Racks	6 IT Racks
Upto 48KW IT Load	Upto 90KW IT Load	Upto 16KW IT Load	Upto 32KW IT Load



- Customized and retrofitted ISO shipping containers
- Factory Pre-tested for immediate operation on delivery
- Can withstand harsh environments and fire

QUBE-FAB MODULAR PREFAB DC

IT Module	Power Module	Cooling Module	Skid Module
Each Module 28-40 SqM for IT Racks	Module for UPS, Batteries, Panels, etc.	Module for CRAC, CRAH, Fanwall, etc.	Power Skids for HV/LV Panels
9-14 Racks @ 5-15KW per rack	100KW to 500KW	100KW to 500KW	Mechanical Skids for Pumps, Valves, Drives
Modules assembled On-site to accommodate 20-200+ Racks	Pre-installed UPS, Panels, etc for on-site connection	Pre-installed with Piping & Valves for on-site connection	Pre-installed with tap-points for on-site connection



- Tailor-made as per customer requirements and choice of brands
- Pay-As-You-Need scalable model
- Built to withstand harsh weather conditions and fire hazards

QUBE-FAB

Prefabricated Modular
Datacenter



DCV strives to create business value for its customers through its broad range of services, including consulting, systems development and integration, managed services, and technology solutions. Our Data Centers infrastructure solutions is a holistic approach to create the Next-Generation Data Center, from design, build, Operate, Monitoring to Management.

Our diversified portfolio of the best in the industry and services solutions delivers consistent highly secured and reliable datacenters.

DCV presents “QUBE-FAB”, is a prefabricated modular data center that adopts the modular design, that offers a strong, secure and environment friendly solution with high agility for transportation and deployment across any location, any environment, and any application. The solution is eco-friendly, sustainable, green, smart, and reliable.

Features & Benefits

Reduced Waste: “QUBE-FAB” modular Datacenters are completely manufactured in factories in a controlled environment produces less wastages and less pollution. This makes its energy efficient and green.

Right-sizing: “QUBE-FAB” Prefabricated modular data centers provides right-sizing, so the data centers run at peak efficiency.

Quick Deployment: “QUBE-FAB” modular Datacenters are completely manufactured in factories according to the predefined design which simplifies the field construction and reduces the overall deployment timelines.

End-of-life Reuse: Prefabricated modular data centers can last a long time, but everything reaches its end of life at some point. Prefab modular data centers can be taken off-site and the components recycled or disposed of in an environmentally friendly manner. And there are also circumstances in which changing business conditions might render a modular data center expendable. In this case, the data center could be reused somewhere else.

Scalability: “QUBE-FAB” prefabricated Datacenters are truly modular which enables used to scale their data center footprint in a modular, pay-as-you-need model.

Applications:

QUBE-FAB™ solution offers five types of modules based on the applications:

01: IT Module

IT Modules comprises of modules prefabricated at factories and assembled on-site to form DataHalls of desired sizes.

- Each Module is 28-40 SqM. Joined to form Datahalls of desired size to accommodate 20-200+ Racks
- Each Module accommodate 9-14 Racks @ 5-15KW per rack
- Supported Cabinet Dimension (mm): 600/800(W) x 1000/1100/1200(D) x 2000/2200(H)
- Floor – With/Without Raised Floor



02: Cooling Module:

Cooling Modules comprises of modules prefabricated at factories with Cooling units designed as per Datahall requirements and assembled on-site and attached to the IT Module/DataHall

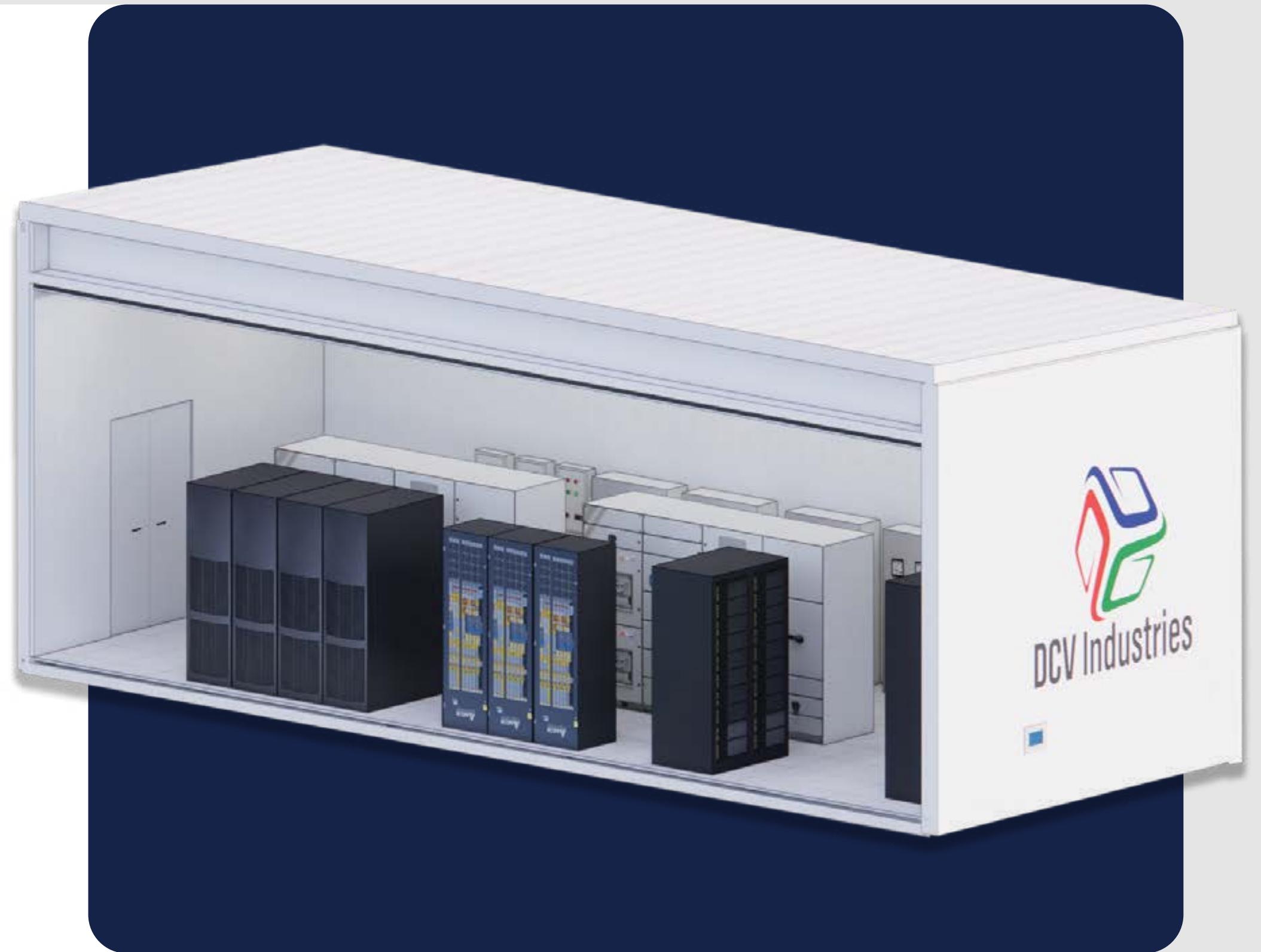
- Supported equipment: CRAC Units, CRAH Units, Wall Mount Units, as desired by the design
- Option of Fanwall units preinstalled in the module.
- Pre-installed piping with the cooling system for on site connection



03: Power Module:

Power Modules are prefabricated at factories with UPSs, Batteries, Switchgears, Monitoring Systems, Fire Suppression and Control. The model can be easily attached to the IT Module on-site to make it an integrated Hall

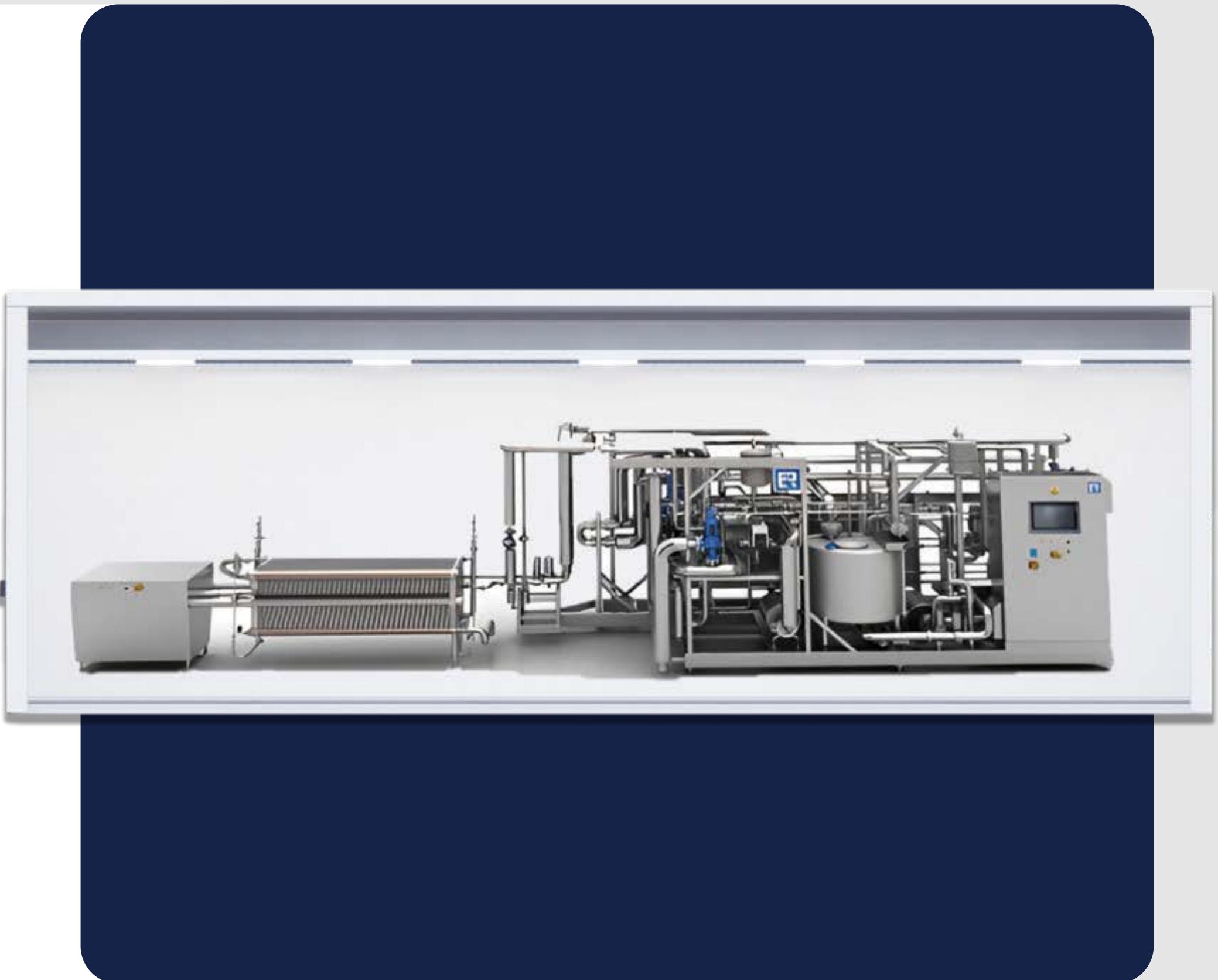
- Supported equipment: UPSs, batteries, Power Distribution, etc.
- LV Switchgear and control Panels
- Pre-installed control and monitoring panels with tap-points for on-site connection



04: Skids (Valves & Pumps):

Skids are prefabricated at factories for preconfigured and preassembled Valve packages, Pumps, HV/LV Panels and controls that can be easily connected to the systems on-site within no time.

- Power Skids comprise of HV/LV Panels and Controls with Fire Suppression & monitoring.
- Mechanical skids comprise Pumps, valves, drives, and controls.
- Pre-installed modules with tap-points for on-site connection



05: Aux Module:

Aux Modules are prefabricated at factories designed for multipurpose use . The model can be easily attached to the other Module on-site to make it an integrated building. Aux Modules are pre-fitted with all interiors as needed.

- Aux Modules comprise of office space, Reception, MMRs, Meeting Rooms, NOC, Corridor, Washroom, etc.



Prefab Design Parameters:

Electrical Parameters	Parameters	Description
General	Environment	Altitude \leq 4,000 m; The operating temperature ranges from -20°C to $+45^{\circ}\text{C}$.
	Tier	As desired, I, II, III
	Prefab Life	25- Year Standard
	Load Capacity	IT Module : 12 kN/m ² ; Power Module: 15 kN/m ² ; Cooling Module: 15 kN/m ² ; Skid Module: 15 kN/m ² ; ; Aux Module: 5 kN/m ² ; Ceilings: 2.4 kN/m ² ; Rooftops: 0.75 kN/m ²
Electrical	Power System	380/400/415V 50/60Hz 3P+N+PE
Cooling	Temperature	20-28°C indoor
	Humidity	Aux Module : 20%~80%, Other Module : 35%~60%,
	U Value	Total heat transfer coefficient 0.47 W/(m*K)
Fire Protection	Fire Resistance	Standard: 90 minutes. Customizable as desired
	Fire Suppression	HFC227ea or NOVEC1230 as desired
	Fire Detection	Standard: Smoke Detectors. VESDA as optional
Monitoring	Temperature	Yes. Customizable as desired

Prefab Design Parameters:

Electrical Parameters	Parameters	Description
Monitoring	Humidity	Yes. Customizable as desired
	Leak	Yes. Customizable as desired
	Power	Yes. Customizable as desired
	Hydrogen	Yes. Customizable as desired
	Access Control	Yes. Customizable as desired
	CCTV	Yes. Customizable as desired
	DCIM	Yes. Customizable as desired

Eco-Friendly | Sustainable | Smart | Green | Reliable

QUBE - AI EDGE

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Prefabricated AI all-in-one data centers are modular solutions designed to integrate all essential components of a data center into a single, compact unit. These centers are ideal for rapid deployment, edge computing, and scenarios requiring high efficiency and reliability.

An **Edge AI All-in-One Prefabricated Data Center (AIO Prefab DC)** is a modular and compact solution designed to support edge computing and AI workloads efficiently. These data centers integrate all essential components, such as power, cooling, and IT infrastructure, into a single prefabricated unit, making them ideal for rapid deployment and real-time data processing.

QUBE - AI EDGE

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Key Features

- Low mPUE for greatly improved efficiency
- Faster deployment with plug-and-play modular architecture
- Scalable capacity with ease of transportation and expansion
- 560 GPUs per Container
- Off-The Shelf solution for AI Processing
- High compatibility with all leading OEM Servers

Features

- Integrated Systems: Includes power, cooling, monitoring, and security systems in one unit.
- Plug-and-Play Deployment: Pretested and prefabricated for quick installation.
- Energy Efficiency: Smart cooling and power management reduce carbon emissions.
- Durability: Designed to withstand harsh environmental conditions, including earthquakes and extreme weather.
- Scalability: Modular design allows for easy expansion.

QUBE - AI EDGE

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Applications

- **Edge Computing:** Supports real-time data processing closer to the source.
- **Disaster Recovery:** Rapidly deployable in emergency situations.
- **Industry-Specific Needs:** Suitable for sectors like government, education, finance, and telecommunications.

QUBE - AI, DCV's All-in-one AI ready prefab solution provides a powerful yet eco-friendly solution to rising data processing demands across various industries for AI. Ready to use Off-The-Shelf AI Datacenter is ready to accommodate up-to 556GPUs in single container.

QUBE - AI EDGE

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.

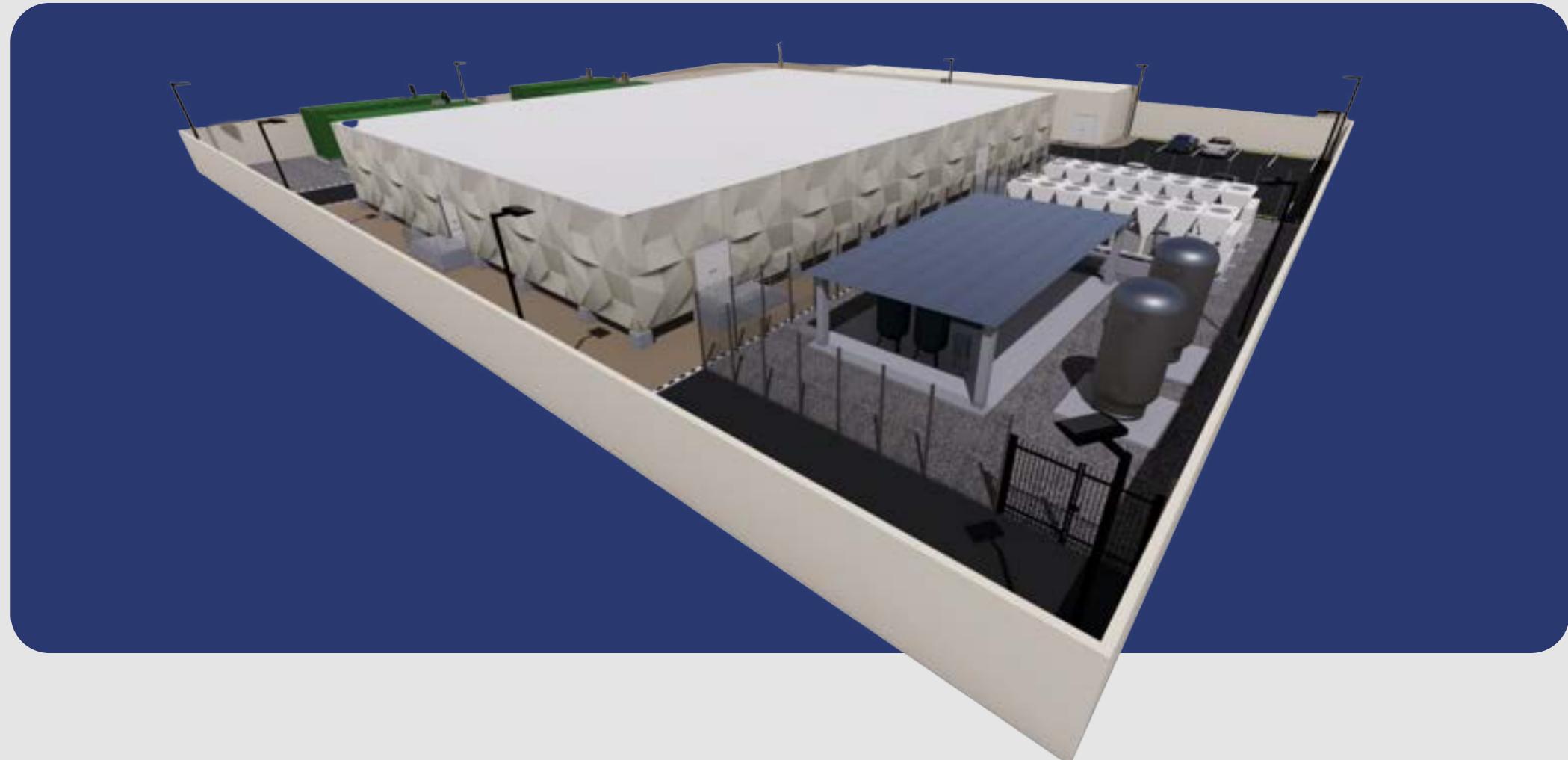


Product Specification	DCV-QAI-50FT-N-AI-NN-RD-320KW	DCV-DM-40FT-N-AI-NN-RD-320KW	DCV-DPM-20/40FT-N1-400/1000K
Site Environment	Outdoor/Desert/Warehouse		
Product Type	All In One AI GPU Container DC	AI GPU Container DC Module	All In One Power Module
Container Dimension	15Mx 3.6M x 3.8M	12.1Mx 3.6M x 3.8M	12.1Mx 3.6M x 3.8M
Server Type	Dell	Dell	NA
GPU/Server	8 GPUs	8 GPUs	NA
GPU Type	AMD Mi210	AMD Mi210	NA
IT Power Load	320KW	320KW	400KW to 1000KW
No. of Racks	10 x 47U (600/800mm x 1200mm) Sever Racks 2 x 47U (800mm x 1200mm) Network Racks	10 x 47U (600/800mm x 1200mm) Sever Racks 2 x 47U (800mm x 1200mm) Network Racks	NA
Rack Power Density KW/Rack	Avg. 30KW (Max 60KW) (Server Rack) 5KW (Network Rack)	Avg. 30KW (Max 60KW) (Server Rack) 5KW (Network Rack)	NA
UPS	N+N	N/A (External Power Module)	N+N
Cooling Type	RDHX-CW (Rear Door Heat Exchanger) (N+1)		CW Room Cooling (N+1)
Fire Protection	Fire Suppression System		
Monitoring	DCIM + Leak Detection + Environmental Monitoring		
Security	4 x Indoor Camera + 4 x Outdoor Camera + NVR Pin + Card + Biometric Access Control		

QUBE-AI Cloud

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Prefabricated AI data centers are modular solutions designed to support AI-driven workloads efficiently and sustainably. These centers are built off-site and delivered as ready-to-deploy units, offering several advantages over traditional data centers.

Modular data center that adopts the modular design, pre-integrated and pre-tested in factories, to minimize onsite workload, supports fast deploy, online upgrade and capacity expansion. The solution is classified into five types based on functions: Data center module, MEP module, power module, hydraulic module and auxiliary module.

DCV strives to create business value for its customers through its broad range of services, including consultation, planning, design, engineering, implementation, maintenance, operation, monitoring and assessment.

QUBE-AI Cloud

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



NEW LAUNCH

Key Features

- **Rapid Deployment:** Prefabricated units can be installed quickly, reducing lead times and enabling faster project completion.
- **Scalability:** Modular designs allow for easy expansion to meet growing AI processing demands.
- **Energy Efficiency:** Integrated cooling systems and optimized power management ensure lower energy consumption.
- **Customizability:** Tailored configurations to meet specific AI workload requirements.
- **Sustainability:** Reduced construction waste and lower carbon footprint compared to traditional builds.

Applications

- **Ai Research:** High-performance computing for machine learning and deep learning tasks.
- **Edge Computing:** Supporting real-time data processing closer to the source.
- **Cloud Integration:** Seamless connectivity with cloud platforms for hybrid solutions.

QUBE-FAB™ solution offers five types of modules based on the applications:

01: IT Module

IT Modules comprises of modules prefabricated at factories and assembled on-site to form DataHalls of desired sizes.

- Each Module is 28-40 SqM. Joined to form Datahalls of desired size to accommodate 20-200+ Racks
- Each Module accommodate 9-14 Racks @ 5-15KW per rack
- Supported Cabinet Dimension (mm): 600/800(W) x 1000/1100/1200(D) x 2000/2200(H)
- Floor – With/Without Raised Floor



03: Power Module:

Power Modules are prefabricated at factories with UPSs, Batteries, Switchgears, Monitoring Systems, Fire Suppression and Control. The model can be easily attached to the IT Module on-site to make it an integrated Hall

- Supported equipment: UPSs, batteries, Power Distribution, etc.
- LV Switchgear and control Panels
- Pre-installed control and monitoring panels with tap-points for on-site connection



05: Aux Module:

Aux Modules are prefabricated at factories designed for multipurpose use . The model can be easily attached to the other Module on-site to make it an integrated building. Aux Modules are pre-fitted with all interiors as needed.

- Aux Modules comprise of office space, Reception, MMRs, Meeting Rooms, NOC, Corridor, Washroom, etc.



QUBE-AI Cloud

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Product Specification	DCV-850KW QUBE AI ^{CLOUD}	DCV-1500KW QUBE AI ^{CLOUD}	DCV-1700KW QUBE AI ^{CLOUD}
Site Environment		Outdoor/Desert/Warehouse	
Product Type		Container Prefab Modular Datacenter	
Tier Rating		TIER III	
Data Hall		~182 m ² – 220m ²	
Server Type	Super Micro/Dell	Super Micro/Dell	Super Micro/Dell
GPU/Server	8 GPUs	8 GPUs	8 GPUs
Total GPU	1024	1008-1024	1008-1024
GPU Type	AMD Mi210	H200	B200
IT Power Load	1000KW	1500KW	1700KW
No. of Racks	50 (800x1200X42U) (Each POD)		
Rack Power Density KW/Rack	Avg. 20KW (Max 30KW) (Server Rack)	Avg. 49KW (Server Rack)	Avg. 52KW (Server Rack)
UPS	N+N	N+N	N+N
Cooling Type	Inrow-CW (N+1)	RDHX-CW (Rear Door Heat Exchanger) (N+1)	RDHX-CW (Rear Door Heat Exchanger) (N+1)
MDF Room	2 Rooms (Each 10Racks)		
Meet Me Rooms	2 Rooms (Each 4Racks)		

QUBE-AI Cloud

PREFABRICATED EDGE
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Staging room	1 Rooms (5 Racks)
NOC Room	12 Technical desk, 6*2Screen, 1 manager cabin
SOC Room	12 Technical desk, 6*2Screen, 1 manager cabin & 8-seater War Room.
Meeting Room	TBD
Office Area	Ground Floor in Axillary Modules
Loading/Unloading	1
Storage Room	1
Fire Protection	Fire Suppression System
Monitoring	DCIM + Leak Detection + Environmental Monitoring
Security	Yes. Customizable as desired

QUBE-AI^{Flexi}



NEW LAUNCH



- Quick Installation, Less lead times & faster project completion
- Modular designs, easy expansion to meet growing AI processing demands
- Tailored configurations to meet specific AI workload requirements
- Reduced construction waste and lower carbon footprint compared to traditional builds

Product Specification	DCV-QUBE AI ^{Flexi}	DCV-QUBE AI ^{Flexi}	DCV-QUBE AI ^{Flexi}
Site Environment		Indoor/OnPrem	
Product Type		Single Rack/Multi Rack	
Server Type	Dell	Dell	Dell
GPU/Server	2/4/8	2/4/8	2/4/8
Total GPU	8/16/24/32 GPUs per Rack	8/16/24/32 GPUs per Rack	8/16/24/32 GPUs per Rack
GPU Type	AMD Mi210	H200	B200
IT Power Load	10-20 KW/Rack	10-40 KW/Rack	20-60 KW/Rack

QUBE-AI^{Flexi}



Rack Power Density KW/Rack	10-20 KW/Rack	10-40 KW/Rack	20-60 KW/Rack
Storage		Dell/PureStorage	
Backup		Dell/Commvault	
Network		Cisco/Dell	
Security		PaloAlto/Fortinet/F5	
AI Platform		Coredge	
Monitoring		Optional	
SOC Service		Optional	
Operations		Optional	

QUBE-HPC CONTAINER



QUBE All-in-One Immersion-Cooled Data Center

DCV, GRC and Dell have partnered to offer an innovative modular data center solution that leverages cutting-edge immersion cooling technology for dramatically increased efficiency and sustainability.

Immersion cooling involves surrounding servers with dielectric fluid that removes heat more effectively than air. This allows high-density server deployment while reducing cooling energy usage by up to 90% compared to traditional air cooling.

Housed within DCV's robust yet portable container infrastructure, these purpose-built modular data centers can be quickly set up and scaled. GRC's patented immersion cooling racks enable server deployment with no need for chillers or CRAC units. Dell provides high-performance, high-density server technologies optimized for immersion-cooling environments.

QUBE-HPC CONTAINER



Features & Benefits

- Up to 40% of data center energy usage overall
- Cooling of up to 50-100 kW/rack.
- mPUE as low as 1.03 for greatly improved efficiency
- 50% lower upfront costs compared to traditional data centers
- Faster deployment with plug-and-play modular architecture
- Environmentally resilient for harsh operating conditions
- Scalable capacity that can be easily transported and expanded
- Average 11% reduction in power drawn by servers
- High compatibility with all leading OEM Servers

QUBE - HPC, DCV's all-in-one immersion-cooling prefab solution with inbuilt GRC provide a powerful yet eco-friendly solution to rising data processing demands across various industries.

QUBE-HPC CONTAINER



Includes

- ISO, Non-ISO shipping container.
- GRC Rack(s) filled with high-performance, Earth-friendly, synthetic ElectroSafe® coolants.
- Redundant GRC Integrated Coolant Distribution Units (CDUs).
- Rack-mounted service rails and integrated server lift.
- All electrical (power distribution, breakers, panels, etc.).
- Automatic fire suppression system (FM200/Novec1230).
- CCTV and Access control System.
- Redundant Cooling towers with integrated mechanical piping system.
- A/C unit(s) for technician comfort.

Includes

- Local monitoring and reporting capabilities, with configurable email alerts. Alternate local and DCIM supported via SNMP, Modbus TCP, RESTful API protocols.
- Redundant Modular UPS with Lithium-ion Battery system.
- One-year limited warranty with customized support options.

QUBE-HPC CONTAINER

QUBE Datacenters offer a flexible, vendor-agnostic, strong, secure, environmentally friendly and highly agile containerized datacenter solution that can be easily transported and deployed across any location, environment or application using client-selected components aligned to desired budgets.

Product Specification	ISO Standard 20Ft -100KW	ISO Standard 40Ft - 200KW	Non ISO 40Ft - 400KW	40ft Data module + 20ft Power Module - 400KW
Site Environment	Outdoor/Desert/Warehouse			
Container Dimension	6Mx 2.4M x 2.9M	12Mx 2.4M x 2.9M	12Mx 3.5M x 2.9M	DM: 12Mx 3.5M x 2.9M PM: 6Mx 2.4M x 2.9M
Storage Temperature	-40°C -+70°C			
Storage Humidity	5% - 95% RH			
Operating Temperature	-20°C - +55°C (Power derating occurs when the temperature is higher than 45°C)			
Operating Humidity	5% - 95% RH			
IT Power Density	≤100KW	≤200KW	≤400KW	≤400KW
No. of Immersion-Cooled Racks	2 Nos of 52U (ICR RaQ FLEX One)	4 Nos of 52U (ICR RaQ FLEX One)	2 Nos of 2*52U (ICR RaQ 10 Duo)	8 Nos of 52U (ICR RaQ FLEX One)
IP Rating	IP X5			
Fire Rating	Standard 60-minute fire resistance for external sheathing structures (structural walls)			

QUBE-HPC CONTAINER

Electrical Parameters				
Input Voltage Range	380/400/415V±			
Input Mode	Single/Dual			
UPS Redundancy	N/N+1/2N			
UPS Capacity	≤125KW	≤200KW	≤400KW	≤400KW
UPS Type	Modular			
Backup time	10 Mins	10 Mins	10 Mins	10 Mins
Battery Type	Lithium-ion			
Cooling Parameters				
Cooling Mode	Immersion Cooling (GRC)			
Number of CDUs	1	2	2	4
Chiller-Free Water Cooling @32°C (89.6°F)	100KW	200KW	200KW	400KW
Per Rack Density	50KW – 100KW			
Cooling Type	Immersion Cooling tank floor mounted			
Safety Parameters				
Fire Suppression Gas	Automatic Fire suppression system (HFC-227ea/Novec 1230a)			



QUBE-HPC CONTAINER

Security Parameters	
Access Control System	Biometric + Pin + Card
Video Surveillance	IP Camera with NVR
DCIM Parameter	
Remote Access	Web Based Local Network Access
Reporting Protocol	Modbus / SNMP / Email / SMS Alerts
Equipment Status	Temp/Humidity/Leak Sensor, UPS, CDU, Cooling Tower, PDUs, FSS, Battery, Panels, etc.



CERTIFIED
PARTNER



QUBE-HPC CONTAINER

About DCV Industries:

Founded in 2021, DCV Industries strives to create business value for its customers by delivering Next-Generation Prefab Data Center technologies. DCV offers a wide range of eco-friendly, sustainable, easily transportable and smart solutions that help companies reduce their carbon footprint, including AIO Container Datacenter, Modular Prefab Datacenter Building and Prefab Telecom Shelters.

DCV's QUBE reduces cooling energy usage by up-to 50% compared to traditional air-cooled facilities. and allows faster deployment and transportability with its plug-and-play modular architecture, enabling enterprises to quickly scale computing capacity while reducing both costs and the impact on the environment.

Our commitment to standards is uncompromised, with ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 enabling us to adopt strong and secure quality designs that are purpose-built for the harsh and demanding Middle East environment and is ideal for sustainability-focused organizations.

QUBE-TEL TELECOM SHELTER

10Ft Container	20Ft Container	40Ft Container
2.44M/3.3M Wide	2.44M/3.3M Wide	2.44M/3.3M Wide
2-4 Telecom Cabinets	4-8 Telecom Cabinets	8-16 Telecom Cabinets
DC 10KW	DC 24KW	DC 48KW



- Customized Telco and Railways for their Telecom Shelters
- Custom designed for both mobile or in permanent type
- Withstand harsh environments and ready for immediate operation on delivery

QUBE – MDC

PREFABRICATED
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



- **Portability:** Easily transported to different locations.
- **Rapid Deployment:** Can be operational within days, unlike traditional data centers that take months to set up
- **Modularity:** Expandable to meet growing needs.
- **Energy Efficiency:** Designed with integrated cooling and power management systems
- **Versatility:** Suitable for industries like telecommunications, defense, manufacturing, and disaster recovery.

Mobile data centers, also known as containerized or portable data centers, are compact and flexible solutions designed to house all the essential components of a traditional data center within a portable structure, such as a shipping container. These centers are ideal for scenarios requiring rapid deployment, temporary setups, or operations in remote locations.

QUBE – MDC

PREFABRICATED
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Mobile prefabricated data centers are modular solutions designed for portability and rapid deployment, making them ideal for edge computing, disaster recovery, and temporary setups in remote or challenging environments.

These data centers integrate all essential components, such as power, cooling, IT infrastructure, and monitoring systems, into a single prefabricated unit.

DCV strives to create business value for its customers through its broad range of services, including consultation, planning, design, engineering, implementation, maintenance, operation, monitoring and assessment.

Edge Computing: Deploy computing power closer to data sources.

Event Management :
Temporary IT infrastructure for large-scale events.

Edge Computing: Colocation & Hosting:Flexible on-demand data center capacity.

Disaster Recovery: Restore IT operations rapidly in crisis situations.

AI & HPC: Support AI inference and data-intensive workloads.

Defence & Military: Secure, mobile infrastructure for critical operations.

Enterprise Expansion:
Scalable, portable computing for dynamic business needs.



QUBE - MDC

PREFABRICATED
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



Product Specification	DCV-MDC-20FT-ISO-DC-N1-W-16KW	DCV-MDC-40FT-N-DC-NN-I-30KW	DCV-MDC-50FT-N-DC-NN-I-60KW
Site Environment	Outdoor / Desert / Warehouse		
Product Type	All In One Mobile Data center without Genset		
Container Dimension (LxWxH)	6Mx 2.4M x 2.9M	12.1Mx 3.25 M x 2.9M	15.0Mx 3.5M x 2.9M
Blast resistant	Level 3, cat.44 magnum 3 Shots as per UL 752 Ballistic standard		
EMI protection	Radio frequency shield system using 2 mm Galvanized Steel Shield system, to achieve 100 dB attenuation at 100 MHz plane wave.		
Fire Rating	Radio frequency shield system using 2 mm Galvanized Steel Shield system, to achieve 100 dB attenuation at 100 MHz plane wave.		
Anti-seismic	Optional (IT racks are compiled GR-63-CORE ZONE 4.)		
IT Power Load	16KW	30KW	60KW
No. of Racks	4	6	8
Power Density	4.0KW	5.0KW	7.5KW
No. of Power Input	2 (Utility + Gen set)	1 (Utility)	
Backup Genset	N/A	64KW Genset with 12Hrs fuel Storge (N+N)	120KW Genset with 12Hrs fuel Storge (N+N)

QUBE - MDC

PREFABRICATED
AI DATA CENTER

AI-Ready | Scalable
Fast to Deploy | Eco-Efficient.



UPS	20KVA Modular UPS N+1	40KVA Modular UPS N+N	75KVA Modular UPS N+N
Battery runtime	20min		10min on Each UPS
Cooling Type	Wall mounted Package Unti (N+1)		DX Based InRow Cooling unit
Fire Protection		Fire Suppression System	
Monitoring		DCIM + Leak Detection + Environmental Monitoring	
Security		4 x Indoor Camera + 4 x Outdoor Camera + NVR Pin + Card + Biometric Access Control	

02

COMMERCIAL PREFAB PORTFOLIO

Container Conversion



"DCV Industries" is dedicated to providing innovative and sustainable building solutions. Our prefab building solution offers a cost-effective and eco-friendly alternative to traditional construction methods. These structures are made from repurposed shipping containers and modular prefab components, which are durable, weather-resistant, and can be easily transported and assembled on-site.

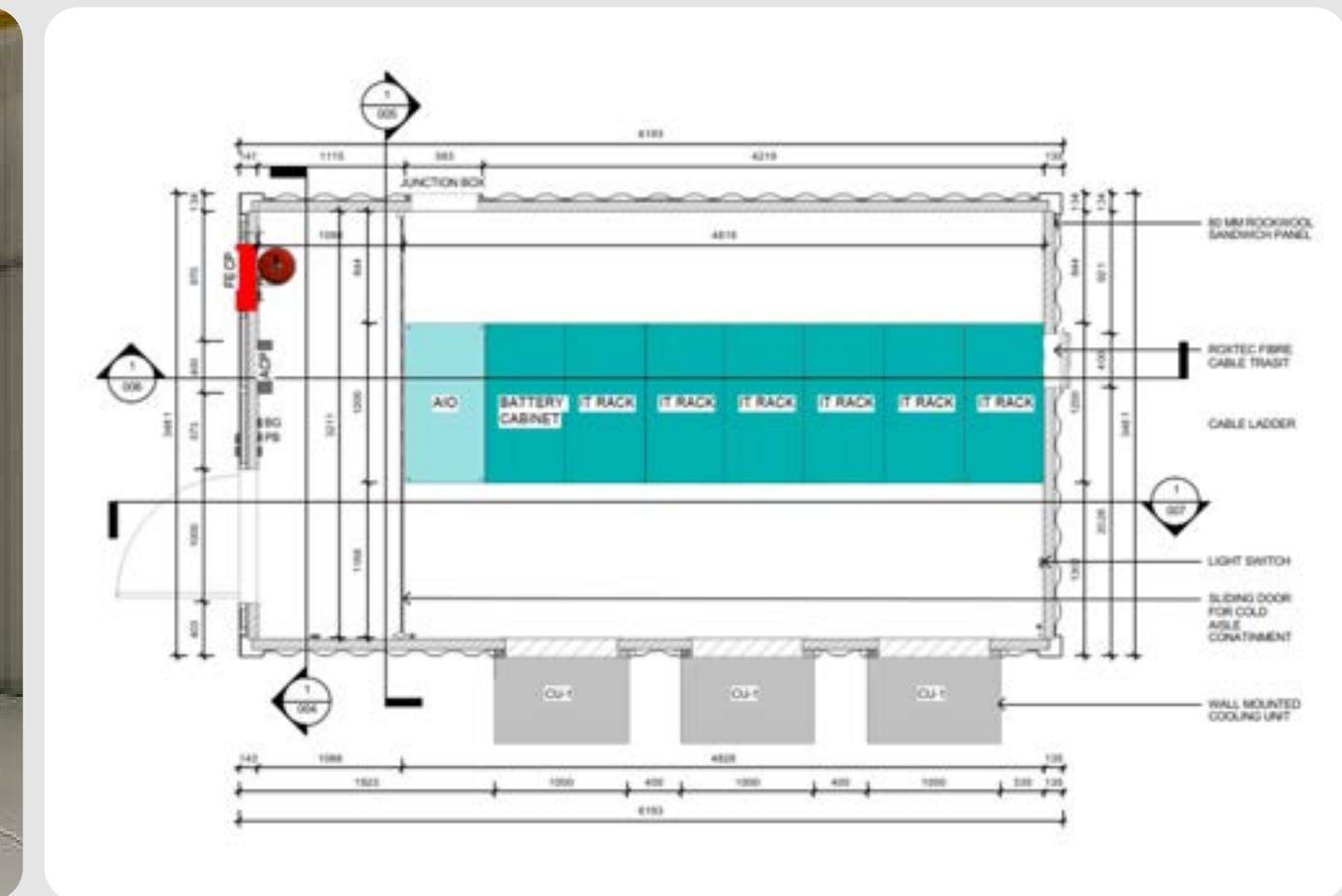
"DCV Industries" specializes in designing and constructing a wide range of buildings using shipping containers and modular prefab components, such as:

- **Site Office & Staff Accommodations**
- **Luxury Houses/Resorts**
- **Emergency clinic/ hospital**
- **Container Kiosks and Exhibitions**
- **Road show units & Retail outlets**
- **Container Luxury offices with Multilevel structures**
- **Security outlets**
- **F&B Outlets, etc.**

03

PROJECT REFERENCE

ATHEEB GO



20FT AIO DATA CENTER - 6Racks, 24KW

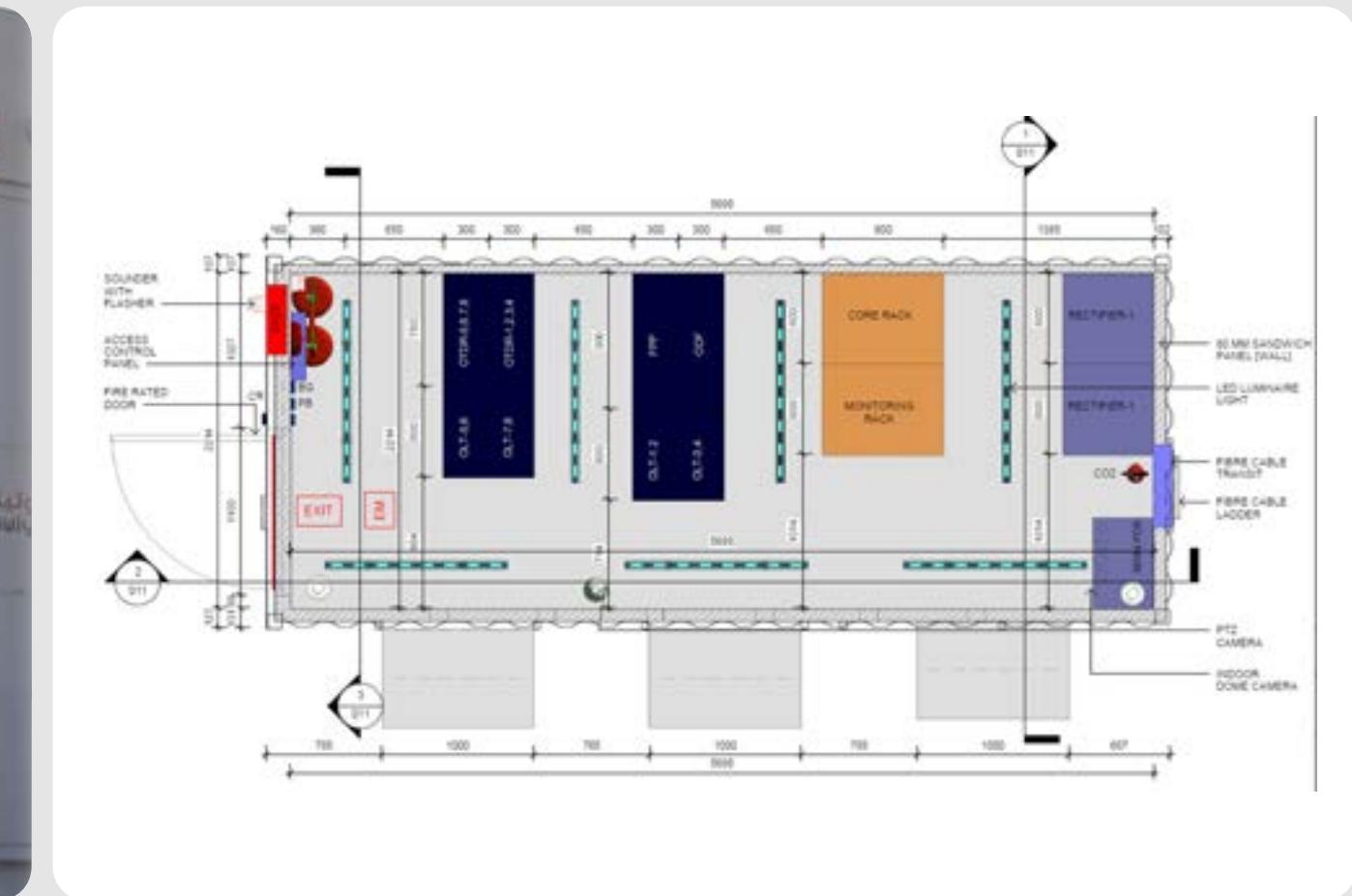
COMPLETED

Client: Etihad Atheeb Telecom Company

End User: Confidential

Description: Supply and installation of AIO Integrated Container Datacenter solution to ATHEEB, a well-known telecom operator company in KSA

DAWIYAT-20FT, Telecom



20FT AIO DC TELECOM SHELTERS 24KW

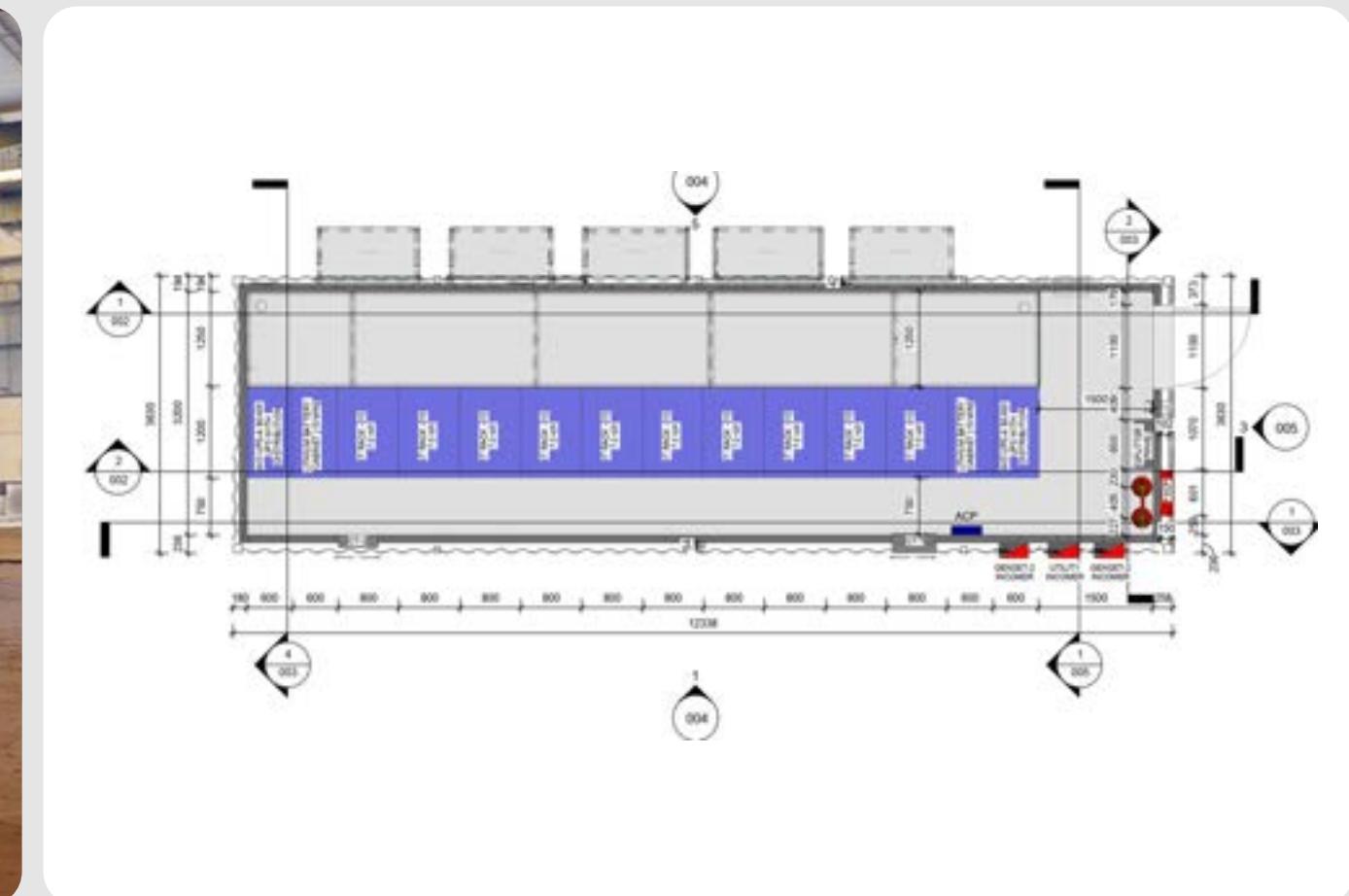
COMPLETED

Client: Integrated Dawiyat, KSA.

QTY: 40Nos

Description: Supply of Customized 20FT non-ISO container-based Telecom shelters Single Module prefabricated. Including intelligent DC rectifier system (N+N), integrated Cooling and MEP system

DAWIYAT-40FT, AIO DC



40FT AIO PREFABRICATED DC, 72KW, TIER III

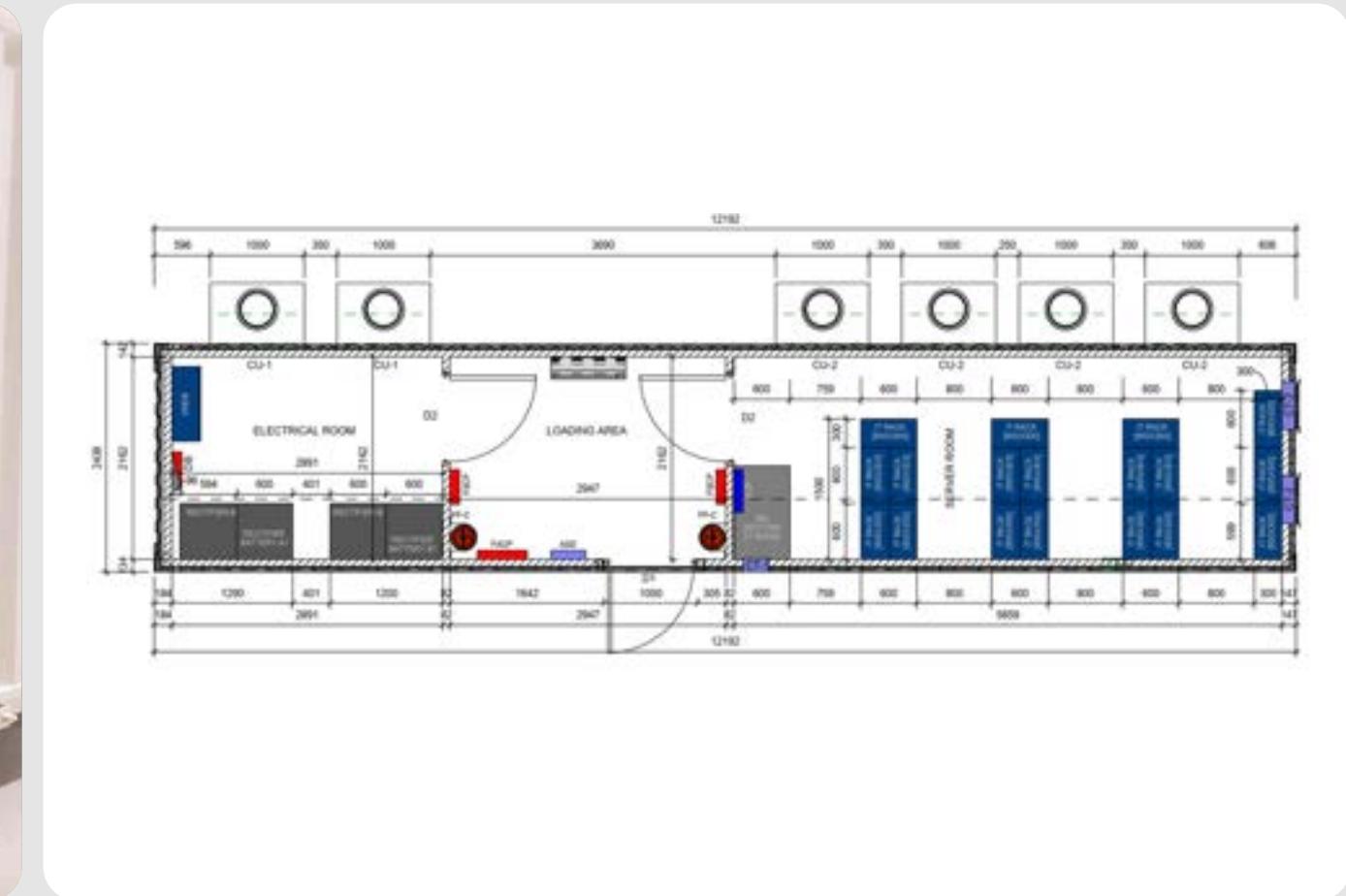
COMPLETED

Client: Integrated Dawiyat, KSA.

QTY: 2Nos

Description: Supply of Customized 40FT non-ISO container-based PREFABRICATED AIO DC, 70KW, TIER III complied, Single Module prefabricated. Including intelligent UPS system (N+N), cooling (N+1) Integrated rack, and MEP system

DU-SILA



40FT AIO PREFABRICATED DC, 24KW

COMPLETED

Client: DU Telecom

QTY: 1Nos

Description: Supply of Installation of Customized 40FT non-ISO container-based PREFABRICATED AIO DC, 24KW, Single Module prefabricated. Including intelligent DC system (N+N), cooling (N+1) Integrated rack, and MEP system

DU- IC POP



40FT AIO PREFABRICATED DC, 24KW

COMPLETED

Client: DU Telecom

QTY: 1Nos

Description: Supply of Installation of Customized 40FT non-ISO container-based PREFABRICATED AIO DC, 24KW, Single Module prefabricated. Including intelligent DC system (N+N), cooling (N+1) Integrated rack, and MEP system

Zain Telecom 250KW, TIER III Prefab DC



250KW TIER III, prefab Modular DC

COMPLETED

Client: Zain Telecom - Kuwait

QTY: 1 sets, 12 prefab modules

Description: Supply of 250KW TIER III PREFAB MODULAR Prefab DC, Capacity of 65 Racks, mixed of AC & DC power supply components, including, integrated, Power, Cooling, EMS , DCIM , FIRE System, Required MMR, STADING, STOREROOMS and Power Room and DATA HALL Setups

AI Cloud Project, 860KW, TIER III Prefab DC



860KW TIER III, prefab Modular AI DC

ONGOING

Client: Confidential

QTY: 1 sets, 36 prefab modules

Description: Supply, Installation of 860KW TIER III PREFAB MODULAR Prefab DC, Capacity of 50 Racks, AI HIGH Density AI DATA CENTER, including, integrated, Power, Cooling, EMS , DCIM , FIRE System, Required MMR, STADING, STOREROOMS and Power Room and DATA HALL TIER III Design & Certified

NEOM-43 Building G+1



NEOM INFRASTRUCTURE - MOUNTAIN RUNNING TUNNEL 4&5

COMPLETED

Client: ARCHIRODON

End User: NEOM

Description: Supply and installation of accommodation units for workers and staff with a total built up area of 22,200 Sqm.

TATWEER PETROLEUM- E-HOUSE



16 METER E-HOUSE

COMPLETED

Client: Tatweer Petroleum, Bahrain.

QTY: 1Nos

Description: Supply of Installation of Customized 16M X 6M Container-based PREFABRICATED AIO E-HOUSE as single Module prefabricated. Including Integrated MEP system

TATWEER PETROLEUM- E-HOUSE



14 METER E-HOUSE

COMPLETED

Client: Tatweer Petroleum, Bahrain.

QTY: 1Nos

Description: Supply of Installation of Customized 14M X 6M Container-based PREFABRICATED AIO E-HOUSE as single Module prefabricated. Including Integrated MEP system

Etihad Rail Viewing Station



Etihad Rail Viewing Station

COMPLETED

Client: Confidential

QTY: 1Nos

Description: Supply of Installation of Customized G+1 Container-based PREFABRICATED Viewing Stations
Including Integrated MEP system

OUR KEY PARTNERS

 ATTOM

 HUAWEI

 EATON

 DELTA

 Schneider
Electric



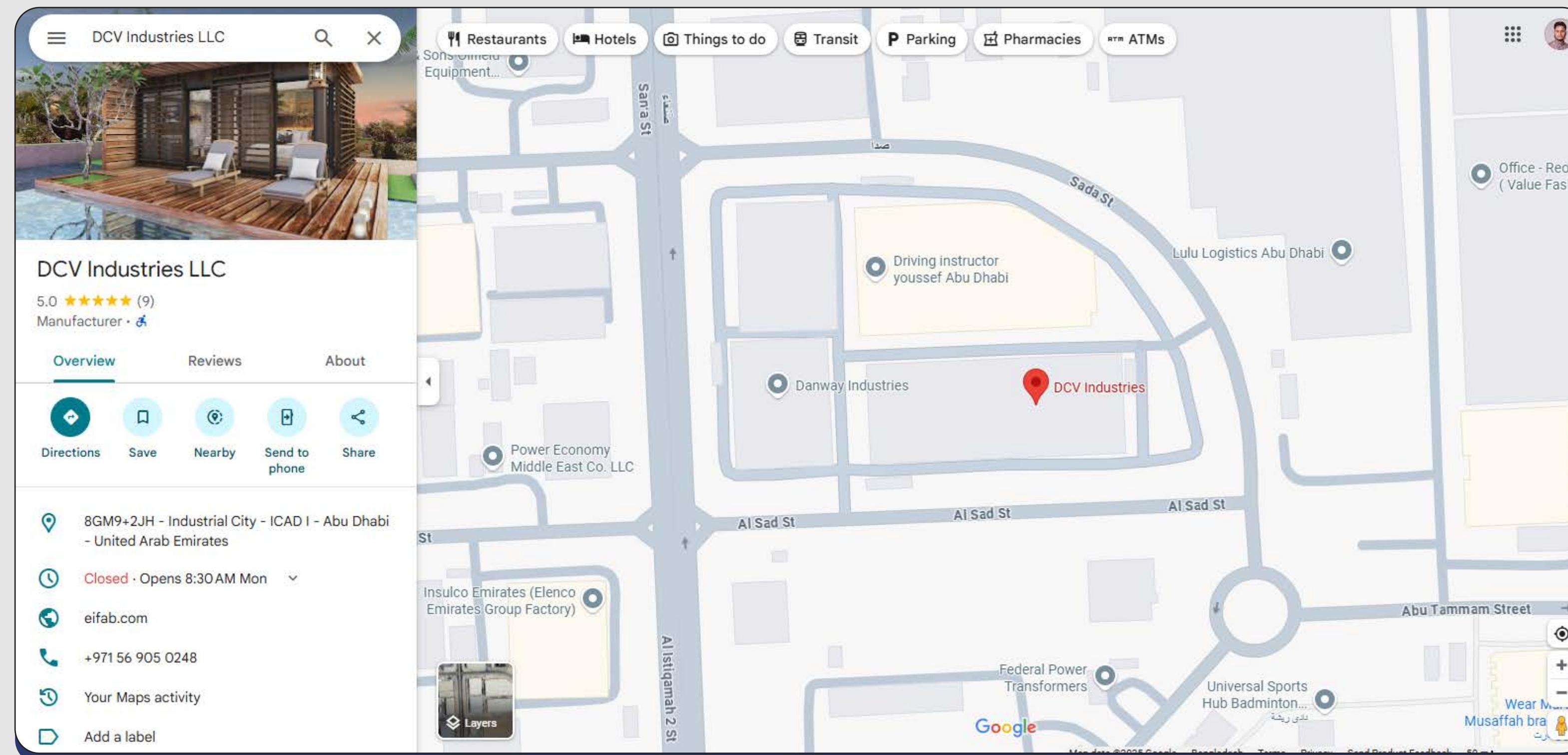
05

COMPANY LOCATION MAP/CONTACT DETAILS



DCV INDUSTRIES

COMPANY LOCATION MAP



MAP URL: <https://maps.app.goo.gl/wbybYAM2VjoCBWZJA>

GET IN TOUCH

📍 Location

Address : P.O. Box-34895, Plot 80A4, ICAD-1
Musaffah, Abu Dhabi

📞 Phone / Fax

Phone : +971 50 273 3766
Fax : +971 2 6455288

✉️ E-Mail

Email : enquiry@dcvind.com

🌐 Website

URL : <https://www.dcvind.com/>