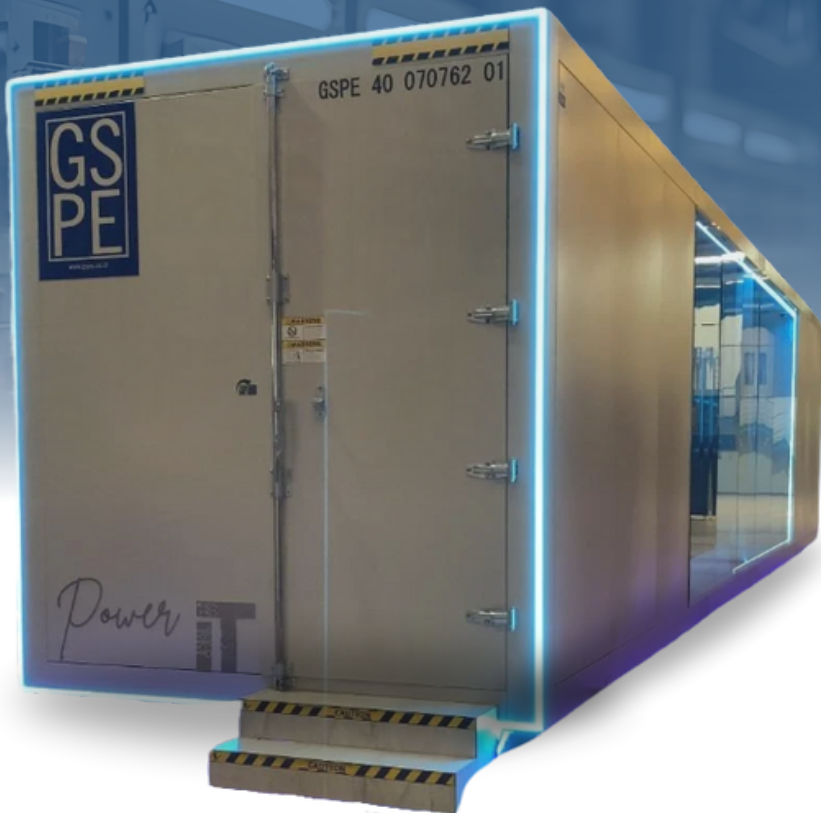




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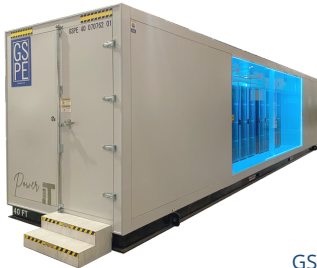


Smart Container Data Center





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Smart Container Data Center

GSPE Container Data Center is prefabricated all-in-one data center facility solution. The solution can be applied to multiple industries and scenarios and has simple, green, smart, and reliable features. It offers a flexible and reliable infrastructure with sections including a Control Room, Hot Aisle Containment, Server Rack, LV Control Room, and Inrow Precision Air Conditioner, ensuring optimal performance and space utilization.

Available in 10 Feet, 20 Feet, and 40 Feet sizes, each with varying weights and dimensions, the container can be tailored to different needs. It is equipped with integrated systems such as Cooling, Power, Electrical, Monitoring, Security, and Fire Systems to ensure safe and efficient operation. Constructed from premium lightweight steel and high-quality galvanized materials, the GSPE Container Data Center is built for durability and long-term reliability. Ideal for industries like Healthcare, Education, Government, Telecommunications, and Financial Services, it provides a scalable, cost-effective solution for critical data center operations in a compact, mobile format.

The Integrated Systems



Cabinet System



Cooling System



Power System



Electrical System



Monitoring System



Security System



Fire System

Applications



Healthcare

Portable data centers for remote or disaster-affected areas.



Education

Scalable IT solutions for growing educational institutions.



Government

Rapid deployment for emergency response and military operations.



Telecommunications

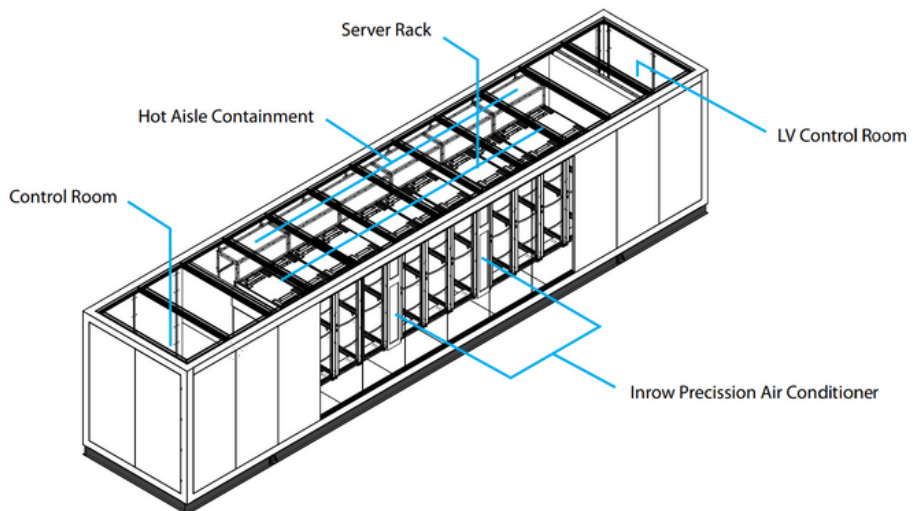
Expand network infrastructure quickly and efficiently.



Financial Services

Secure and reliable data centers for critical financial data.

Container Data Center



SPECIFICATION	Containerized High Cube		
	40 Feet	20 Feet	10 Feet
Part Number	PICH409608	PICH209608	PICH109608
Height (mm)	2896	2896	2896
Width (mm)	2440	2440	2440
Depth (mm)	12192	6096	3048
Material	Premium grade Mild Steel (Perimeter & Purlin), High grade Galvanized Sheet		
Thickness	3 mm (main frame), 1 - 1.5 mm (door & cover), Raised Floor		
Weight (Empty - Approx)	7800 kg	3900 kg	1950 kg
Pretreatment Process	Five stage iron-phosphate pretreatment, tested to 480 hours salt spray according to ASTM B117, ASTM D 1654		
Painting of all parts	Powder Coated (RAL 7035 / Light Grey, standard zones C3M, conforming ISO 12944-6		
Enclosure	Double Layer (Insulation materials with polystyrene foam / rockwool), conforming IEC 62271-202 / IEEE C37.20.1		
Seismic Conditions	<0.5 g according IEC 62271-207		
IP Degree of Protection	Indoor (IP41) - Outdoor (IP54), conforming IEC 60529		
IK Degree of protection	IK10, conforming IEC 62262		
Cable Entry	Side Top (removable gland plate duct)		
Door Sealing	Polyurethane Gasket Foam		
Ventilation Fire Rating	Inrow PAC Air Circulation with Hot Aisle Containment, FSS system according DIN EN 13501-2		



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Container 20FT



Container 40FT

Contact Information

Factory

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