

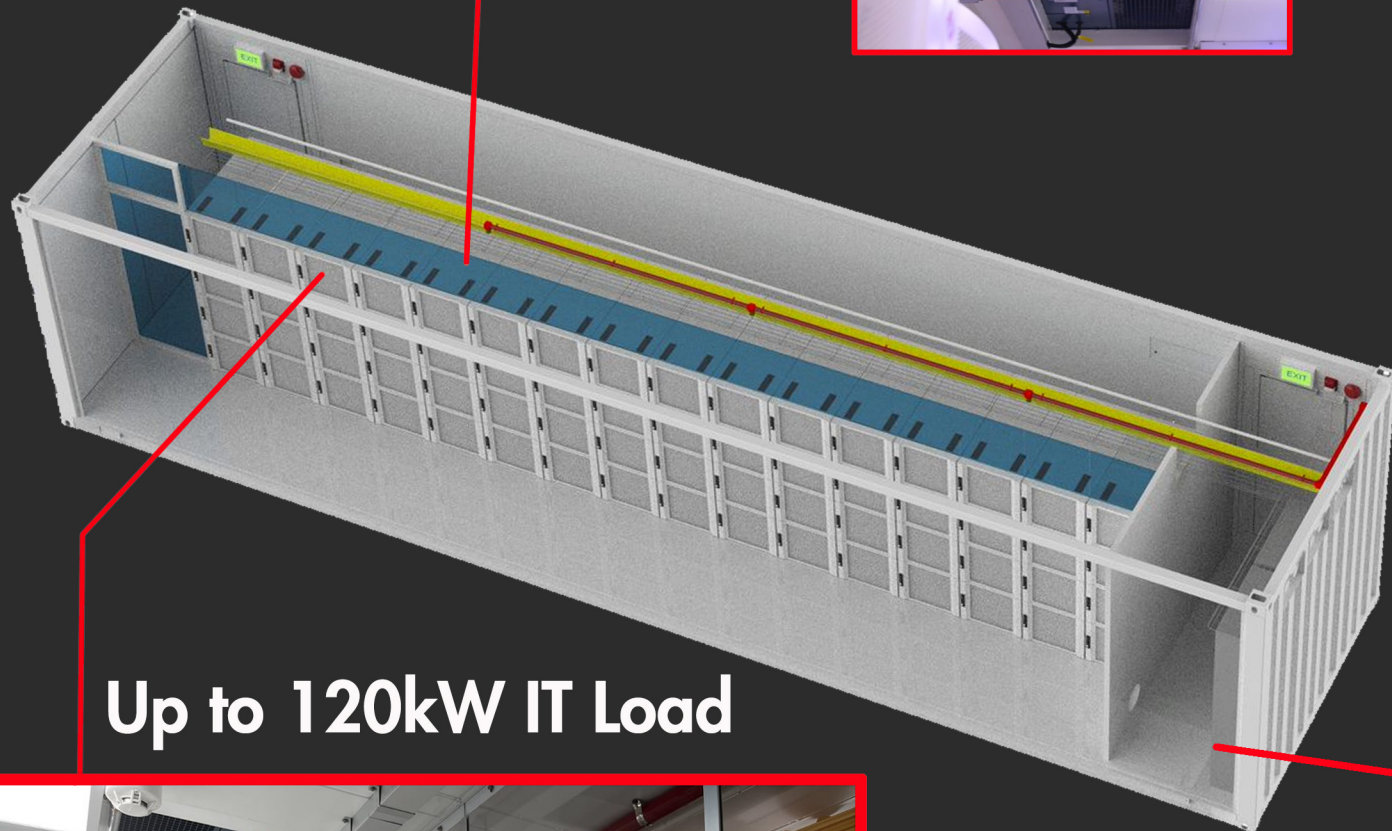


EDGEWORKS

TH01 CHIANG MAI

The edge can be anywhere. From a distant village a to the most modern city, Edge Works is ready to serve customers wherever the edge exists.

DX Precision Cooling



Up to 120kW IT Load



Fire Suppression & VESDA



Edge Data Centres Specifications



Power	<ul style="list-style-type: none"> • Available power of 200kVA • Up to 120kW IT load 1 kW per quarter rack • Minimum N+1 redundancy • 200kVA standby generator • Dedicated rack UPS • Full N+1 main electrical infrastructure • Diverse path vertical distribution cabling to data centre floors
Cooling	<ul style="list-style-type: none"> • N+1 Hybrid-cooling DX units • N+1 Computer Room Air Conditioning (CRAC) units per data centre room • CRAC units - fitted with supply temperature control
Security	<ul style="list-style-type: none"> • Individual credential checks prior to authorisation • Bluetooth security for data centre access • Anti-cloning access card encryption • Facial recognition CCTV cameras • Remote monitoring of facility via intell-Edge-nce • Monitoring of news and weather for external security risks
Environmentally	<ul style="list-style-type: none"> • Free-cooling to aid in facility efficiencies • Thermally insulated data hall floors • External walls shielded to reduce heat transmission • Energy efficient lighting • PUE target is 1.1 at peak load • R410A Environmental – Friendly with zero ozone depleting potential (ODP) • Average cold aisle temperature of 22+/-2 degrees • Average cold aisle relative humidity of 50% +/- 15%
Fire Suppression & Monitoring	<ul style="list-style-type: none"> • Novec 1230 clean agent fire suppression • Vesda aspirating smoke detection • Leak detection systems • Gas and chemical environmental monitoring
Telecommunications	<ul style="list-style-type: none"> • Diverse underground cable pathways to EC51 • Remote patching system • Access to all Vietnam Carriers • Direct dark fibre in POI