

# VERNE GLOBAL'S DATA CENTER CAMPUS SUPPORTS MORE THAN 60,000m<sup>2</sup> OF TECHNICAL SPACE

At Verne Global, we combine a unique location and ultra low power costs with flexible, scalable and secure infrastructure to provide you with optimized solutions for any application. Whatever your needs, our powerDIRECT, powerDIRECT+ and powerADVANCE solutions range from highly cost-optimized, ultra-high density solutions to the highest possible specification enterprise-ready environments.

## CAMPUS PROFILE

- Turn-key: Physically secured space with power and cooling scalable from single rack to multi-megawatt solutions
- Redundancy: Fully redundant (2N) for critical systems
- Power pricing security: Up to 20-year visibility on electricity pricing
- Green power: 100% renewable energy (geothermal and hydro-electric)
- Cooling type: Indirect free-cooling 365 days per year
- Connectivity: 500+ international carriers connected to Verne Global
- Expansion: 44 acres/18 hectares, 100+ MW campus power capacity
- Infrastructure operations: White Glove IT Services offered 24x7x365
- Compliance: ISO 27001-2005 certified, SSAE16 Type 2 Attestation, and operated in compliance with PCI and HIPAA standards



### LOCATION

Located on a former NATO base, 10 minutes drive from Keflavik International Airport, and 30 minutes from Reykjavik.



### GETTING THERE

Non-stop connections from 50+ European and North American airports, including multiple daily flights from London, Amsterdam, Frankfurt, Munich, Boston, New York and Washington DC.



### FLIGHT TIME

London: 2.5 hrs  
Amsterdam: 3 hrs  
Frankfurt: 3.5 hrs  
New York: 5 hrs  
Washington: 5.5hrs

# powerDIRECT+

powerDIRECT+ offers you the latest in data center design to meet increasing demands for high power enterprise applications at a substantial cost saving versus traditional mission critical environments. Uniquely designed using standard IT racks up to 60U, free-cooling and dedicated UPS-backed power feeds, you can optimize on resiliency and lower your power costs by as much as 80 percent.



## HIGHLIGHTS

- 1,000 kW Pods
- Enterprise IT Racks up to 60U
- Hot/Cold Aisle Containment
- Dedicated Environmental Controls
- Filtered Air Flow
- High Capacity Concrete Slab
- Dual Utility Feeds
- Free Cooling 24x365
- 100% Green Power
- White Glove IT Services

## TECHNICAL SPECIFICATIONS

<b>GENERAL</b> Year Constructed # Stories Cooling Specification PUE	2016 1 ASHRAE TC 9.9 Allowable 1.12	<b>ELECTRICAL DISTRIBUTION SYSTEMS</b> Power Distribution to racks - Fuse-Protected PDUs - Overhead Busway AC and DC Power Available per Pod	Yes Optional Yes
<b>ARCHITECTURAL</b> Technical Staging Areas Distance from Slab Floor to Pod Ceiling Lighting Loading Dock - # of Bays Structural - Slab Loading Capacity Loading Dock - Slab Loading Capacity Computer Room - Slab Loading Capacity Column Distance Spacing Customer Break Room Customer Fitness Area	Yes 4m w/ sensors 2 30 kN/m2 30 kN/m2 30 kN/m2 20 m Yes Yes	<b>ELECTRICAL SYSTEMS</b> Substation Power Capacity (N+1) Transmission Service Voltage Building Mains Voltage Lightning Protection UPS System (type) Output Rating (per UPS) Redundancy	45 MVA 33 kV 11 kV Yes Double Conversion 1,000 kW N - Standard 2N - Optional
<b>FACILITY CONTROL CENTER</b> Dedicated Facility Control Center Fire Protection Graphical Interface Electrical Power System Monitoring (EPMS) Building Automation System (BAS)	Yes Yes Yes Yes	<b>SECURITY SYSTEMS</b> Bullet-Proof Protection at Security Separate Security Lobby Security Surveillance of Loading Dock Card Key Access within Secured Area Camera Surveillance Security Operations Center 24/7 Onsite Staff	Yes Yes Yes Yes Yes
<b>COMMUNICATIONS</b> Redundant and Diverse POE Rooms for Carriers Diverse Cable Plant Pathways Number of Carriers Connected to Verne Global	Yes Yes 500+		
<b>MECHANICAL SYSTEMS</b> Design Cooling Capacity per Pod (N+1) Maximum Air-Cooled Power Density Cooling System Type Redundant Exhaust Fans VFD Controlled Fans	1,200 kW 30 kW/rack Free Cooling (Air) Yes Yes		
<b>FIRE PROTECTION SYSTEMS</b> Minimum Standard Smoke Purge System HSSD Protection Static Fire Rated Assembly Data Center Walls Electrical Equipment Rooms Sprinklers	BS6266 Yes Yes Yes 60 mins 60 mins		



## FOR MORE INFORMATION CONTACT

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**VERNE GLOBAL**