

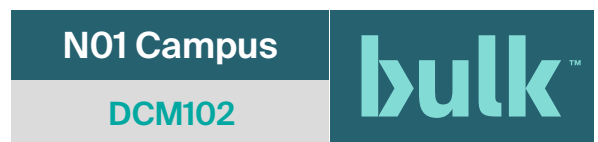


Bulk Data Centers



Datasheet

N01 is the world's largest 100% green energy-powered data center campus with high-capacity fiber networks.



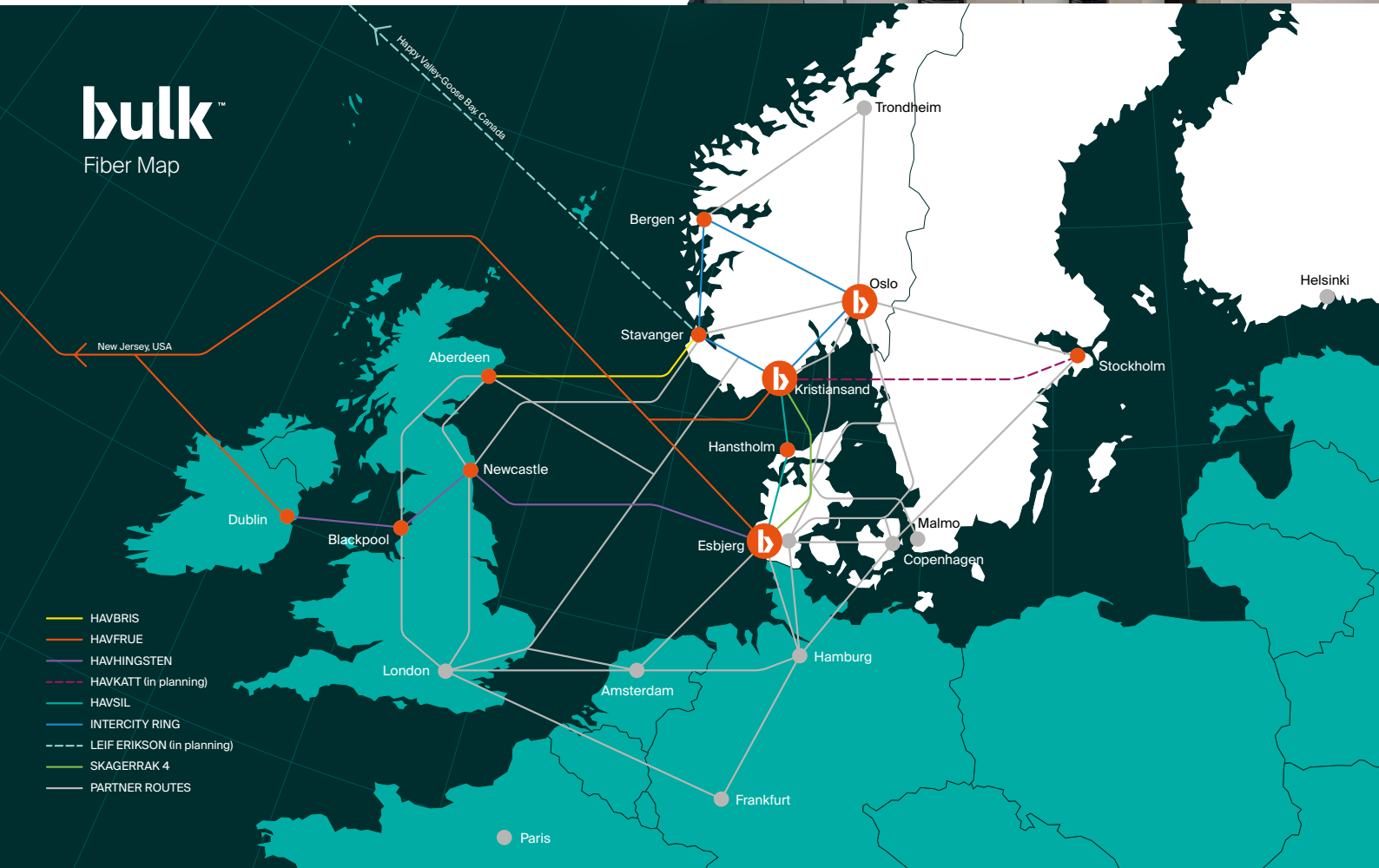
N01 - DCM102

Overview

- Flexible colocation tailored for your needs
- Mixed redundancy with dedicated suites or infrastructure
- High density including liquid cooled racks
- Highly secure
- Scalable with flexible ramp-up
- High-density, low-latency AI and HPC ready data centers

Connectivity

- Directly connected into International Fiber Systems
- Dark Fiber options
- Multiple International and Regional Carriers
- DE-CIX Internet Exchange - peering and cloud connectivity
- Latency summary (RTD in ms)
 - › Oslo (OS-IX) - 3.40
 - › London - 11.20
 - › Stockholm - 8.50
 - › Frankfurt - 15.90
 - › Copenhagen - 7.30
 - › Amsterdam - 10.20
 - › Esbjerg (DK01 Campus) - 4.36
 - › Paris - 18.28
 - › New Jersey - 72



Introduction



Located in Southern Norway and part of our N01 campus DCM102 offers 42MW of critical IT infrastructure with 4,100m² of total white space across four halls (10.5MW per hall), with flexibility to further sub-divide the space. The data center accommodates up to 512 no. 800x1200x52U racks in a flexible, secure and highly efficient facility.

Location

Airport

Kristiansand International Airport 28km
Connections to major European cities

Train

Kristiansand Train Station 17km.
Connections to Oslo Central, Oslo Airport, Stavanger

By Car

Kristiansand City Center 20km.
Oslo 350km

Coordinates

58°15'31.47"N 7°53'23.59"E



Facility

- 10,500m² Gross Floor Area
- 4,200m² White Space Across Four Data Halls
- 24/7 Monitored
- Built To Support High-Density, High-Performance Computing inc. AI/ML
- Multiple Subsea and International Networks

Power

- Powered by Dual On-Site HV Sub-Stations
- 42MW IT load
- N+1 Diesel Generators
- Fuel Contract for Site Refill
- N+1 Concurrently Maintainable Infrastructure

Full UPS Backup

Continuous Cooling

Energy Efficient Solutions

- Design PUE of Less than 1.2
- Chilled Water Heat Rejection
- Rear-Door Heat Exchangers (RDHx) for high-density cooling
- High Efficiency Plant and Equipment

Connectivity

- Carrier Neutral Data Center
- Direct Connection into International Sub Sea Fiber Systems
- Dark Fiber
- DE-CIX Internet Exchange

Security

- 24/7 Security
- 3 Meter High Security Fence with Thermal Imaging Cameras
- Multi Layer Security Inline with EN50600 Principles
- Vehicle Access Control
- Man Traps
- Two-Factor Authorization and Biometric Access Control
- Full CCTV Coverage

Environmental security

- Aspirating Smoke Detection (HSSD / VESDA)
- Water Mist and Gas Fire Suppression
- Leak Detection

Services

- Cage, Dedicated Suite, Dedicated Infrastructure
- High Density up to 50 - 100kW per rack
- Prepared for Hybrid Direct Liquid Cooling (DLC) Integration
- Remote Hands, Smart Hands
- Hardware-as-a-Service
- Conference and Meeting Rooms
- Break Out Areas
- Welfare and Kitchen Areas
- Secure Parking
- Loading Bay
- Build Room
- Goods Handling and Waste Management

Certifications & Accreditations



Bulk Data Centers is the ultimate sustainable destination for Generative AI, HPC and Supercomputing workloads. Delivering power, scale & speed. With strategically located data centers in the Nordics and dedication to service excellence, Bulk enables customers to reduce costs and environmental impact with ultra flexible, highly connected and scalable solutions.



➤ Contact Details

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