DUBLIN DATA CENTER CAMPUS OVERVIEW

Bringing Data Center Excellence to Ireland

FEATURES

- 22-acre (9 hectares) campus
- 52MW of critical IT load
- Two planned, two-story data centers
- 405,000 SF (38,000 M^2) of leasable data center space
- 300W/SF (3.23kW/M^2) average density
- Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

POWER	52MW of IT capacity
POWER DENSITY	Up to 300W/SF
SQUARE FEET	405,000 SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces throughout the campus

POWER

- An on-site 100MVA multi-fuel generation plant capable of running a combination of fuels, primarily HVO and high-pressure gas supplies from Gas Networks Ireland (GNI), will be used to power the campus
- Multiple, diverse power feeds supporting DUB1
- 400V electrical configuration

COOLING

- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- N+2 redundancy across all mechanical systems
- Water Utilization Efficiency (WUE) is near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

- All major fiber-based service providers operating within a few miles of the Vantage campus
- Multiple Meet-Me-Rooms (MMRs) throughout the campus allowing for diverse paths and multiple connectivity options
- Four points-of-entry (POEs) for the campus ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the campus (minimum two paths per carrier)

SECURITY

- On-site security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV on all access control points throughout the entire campus
- Dual authentication (access badge/PIN and biometric readers) for customer and critical infrastructure areas
- Visitor management system and badging to control and track onsite personnel all the time

VANTAGE DATA CENTERS   WWW.VANTAGE-DC.COM