

# DUBLIN DATA CENTER CAMPUS OVERVIEW

Bringing Data Center Excellence to Ireland

## FEATURES

- 22-acre (9 hectares) campus
- 72MW of critical IT load
- Three planned, multi-story data centers
- 549,000 SF (50,000 M<sup>2</sup>) of leasable data center space
- 300W/SF (3.23kW/M<sup>2</sup>) average density
- Class A building amenities including office, conference rooms, break rooms and more

## SPECIFICATIONS

POWER 72MW of IT capacity

POWER DENSITY Up to 300W/SF

SQUARE FEET 5,000,000 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

- Power provided by EirGrid, the leading energy provider in the region, Gas provided by Gas Networks Ireland
- On-site 100MVA Multi-Fuel Generation Plant being fed high-pressure gas supplies from Gas Networks Ireland (GNI).
- Multiple, diverse power feeds supporting the campus
- 400V electrical configuration
- All systems 100% concurrently maintainable

## 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 2 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