

# Overview of BT Ireland's Data Centre Facilities

	City West (Southside of Dublin)	Ballycoolin (Northside of Dublin)
Overview	<ul style="list-style-type: none"> <li>Tier-3 facilities with ISO 20000 and ISO 27001 certification</li> <li>Secure space, power and cooling with associated services including remote hands and options for connectivity including Internet IP transit</li> <li>Resilience and high availability with up to minimum of 99.95% uptime</li> </ul>	
Area	110,000 sq. facility - 55,000 sq ft datahalls with 6,000 sq ft available across multiple halls	40 000 sq. Facility 7000 sq ft datahalls fully allocated (Option to expand area subject to securing more power (1.6MW) and planning permission and investment)
Power	10 MW site with 6MW for Critical power (~700 kW available subject to investment)	3.5 MW site with 2 MW for Critical power (fully allocated) additional 1.6 MW requested from grid
UPS	N+1, 12 static & 4 rotary	2N topology, 10 static
Generator	N+1 4 x 2200 kVA standby-rated unit Block A, 2 x 2200 kVA Block B top floor, 3 x 1100 kVA Block B ground floor, 180k litres of fuel on-site	2N , 2 x 2200 kVA standby-rated Phase 2 , 3 x 550kVA Phase 1 (40k litres of fuel on-site)
Environmental	Temp 22C (+/- 2C), humidity 50% (+/- 10%) N+1 chilled-water, redundant cooling solutions to average 5 KW	Temp 18°C to 27°C dry bulb and 20% to 80% RH N+2 WDX, redundant cooling solutions to average 8 kW
Security	24/7 on-site security, 3-stage card access, CCTV supervision with 90-day recording storage	24/7 on-site security, 3-stage card access, CCTV supervision with 90-day recording storage
Fire Detection and Suppression	VESDA, Inergen and Fogtech	VESDA, Inergen
Accreditations	ISO20000, ISO27001, ISO14001, ISO9001 -ISO 20000 for 14 years (2009), ISO27001 for 17 years(2006), ISO14001 for 17 years(2006), ISO9001 for 21 years (2002) and PCI-DSS for 7 years(2016)	
Connectivity	Fully carrier-neutral and hosting over 20 different network providers on-site with over 40 Gbps of meshed IP for internet connectivity	Fully carrier-neutral and hosting 4 different network providers on-site

Geo-diverse proven facilities located in optimal areas of one of Europe's three largest Data Centre Hubs (London, Frankfurt & Dublin)