Cork Internet eXchange Information Sheet

Contact Information
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General

- Corks only privately owned commercial Data Centre
- 2 minutes away from nearest public transport
- Airport 10km away
- On-site parking
- Own Telecommunication Mast for wireless connectivity

Connectivity

- Two diverse entry points into facility
- Carrier Neutral
- Dual, high availability cost effective fibre connectivity between Cork and Dublin
- Main fibre providers have POP's in DC
- Connection into INEX
- CNIX Internet Exchange hosted in DC

Services

- Cloud – Infrastructure as a Service
- Colocation – Hosting as a Service
- Hardware – Infrastructure as a Service
- Software – Software as a Service

Proven Track Record

- Power uptime statistics of over 99.999% covered in SLA
- Customer references on request

Commitment to Service – Customer-centric approach

- Work closely with you to understand your business through the project lifecycle
- Remote 'Hands and Eyes' Services
- Customer Support Centre ticketing system – online or by telephone

Fast Growing / Scalability

- Growing at more than 50% per annum
- Centre designed for growth
- 1U to multi rack installations

Risk Reduction

- Always on resilient power – mains ring, multi UPS and generator
- Very Early Smoke Detection System – VESDA
- Nitrogen Fire Suppression System
- No hidden costs
- 24 x 7 on-site monitoring and access
- Secure

Environmental Leadership

- Free Cooling
- Cold and Hot Aisle containment
- Committed to achieving best environmental practice
- Advise customers on the most energy-efficient configuration of their equipment
- Committed to prevention of pollution
- Committed to use of recycling and use of recycled materials

What you get

- Proactive Support
- Guarantees and SLA'a
- Total Control
- Complete Flexibility
- Services on Demand

Certifications

- ITIL Service Delivery
- ISO 9001:2008
- ISO 27001 – in progress

Data Centre Technical Specification Sheet

Capacity	Current	Planned
Data Centre Raised Floor	6,000 sq.ft. (562 sq.m.)	6,000 sq.ft. (562 sq.m.)
Raised Floor Height	2ft 8in (800mm)	2ft 8in (800mm)
Customer Racks	246	246
Services Area	5,000 sq. ft. (459 sq.m.)	2,000 sq. ft. (125 sq.m.)
Total Facility Size	16,000 sq. ft. (1,469 sq.m.)	24,000 sq.ft. (2,156 sq.m.)

Power	Current	Planned
Maximum Import Capacity	500kW	1.0MW
Transformer	1 x 10kV, 1MW Transformer	2 x 20kV, 1MW Transformer
Diesel Generator Backup	FG Wilson 350kW / 400kVA plus 900kVA	900kVA – on order
Minimum diesel storage	10,000l	
UPS	2 x 200kVA + 2 x 350kW GE Purepulse	4 x 350kVA GE Purepulse
UPS Uptime	> 20 minutes	> 20 minutes
Design	A and B power to every rack from separate UPS systems and separated sub distribution boards.	

Connectivity – Carrier Neutral	Current	Planned
Telecoms Mast	30m	
Fibre Duct – Dual Entry	2 x eNet 2 x Eircom 1 x BT 1 x UPC 1 x Aurora 2 x Govnet	1 x BT 1 x UPC 2x ESB Telecoms
Duct entry separation	35m	35m
POPs	Magnet / Hibernia Atlantic, Eircom, Viatel, Complete (Tiscali), Verizon, Colt, eNet, Vodafone, Strencom, ESBT	As required
Node	BT	
Mesh Bandwidth (minimum 3 providers)	Juniper Routers – MX80's Juniper Switches – EX4200's Cisco Switches – 4948's	

Security	Current	Planned
Fire Detection	Honeywell	Honeywell
Fire Suppression	Nitrogen	Nitrogen
VESDA	Strategically placed throughout facility	
Camera Recording	15 Cameras x 90 Days	32 Cameras x 90 Days
Manned Presence	24 hours x 7 days / 24 x 7 Callout	

Air Conditioning	Current	Planned
Chillers	2 x 300kW Free-cooling Climaveneta	Fresh Air Cooling
CRAHs	7 x 120kW Edpac	10 x 120kW Edpac
Design	Chilled water x two circuits, cold aisle containment and dynamic set-point chillers.	
BMS	Echelon	