

eircom data centre services

The world-class colocation environment for hosted services of any size

eircom data centres at a glance

- 60,000 ft.² raised floor space configurable for your needs, from single racks to full cages
- Direct access to eircom's team of engineers
- Dedicated 110 kV connection to national electricity grid
- Optional managed services including managed security, off-site storage and backup, remote hands and eyes and managed server
- Highest levels of fault tolerance, including N+1 and N+2 configurations in power and climate control
- Exclusive direct transatlantic connectivity via Hiberna Atlantic node
- Compliance with ISO27001

"In our experience with worldwide data centre providers, eircom is among the best we've had. We are always able to meet the decision-makers, and they're business focused, which makes it so much easier."

Dirk Bhagat, Chief Technology Officer, Hostopia

Your uptime is our most important priority

Built with the world's most demanding applications in mind, eircom datacentres are the choice of multinationals and government because of our unrivalled facilities and our 100% commitment to our customers' uptime. Choose eircom for:

A world-class network of data centres: Ireland's most technologically advanced, secure and reliable datacentres are interlinked on our next-generation network around the Dublin metropolitan area (Citywest, Crown Alley, Dundrum and Clonshaugh). Dual site collocation with load balancing and interconnect for LAN and SAN can give your architecture added resilience. Our newest facility has the latest in power, cooling and connectivity with hardened security to keep access to your racks strictly controlled.

Extensive, carrier-neutral connectivity: on-site interconnect with multiple Tier 1 carriers for IP transit, local-area and international links. We offer low-latency US, European and UK links via Global Crossing and our exclusive Hibernia Atlantic node.

Fully bespoke deployment: we partner with your engineers to craft the precise configuration you need on our floor, minimising power and maximising uptime. No other Irish provider has a deeper heritage in data centre services or a more comprehensive team, from facilities and IT to mechanical and electrical engineers.

Risk-controlled migration: our risk-managed migration services protect your uptime during transition if relocating from an alternative data centre.

Managed IT services to extend your capabilities:

- managed security: hosting and management of firewalls, intrusion prevention and filtering appliances
- off-site storage and backup: tape swapping and off-site archiving, multi-data centre storage and backup services.
- remote 'hands and eyes': reporting indicators and alarms on equipment, re-seating of network patch leads or cards, media management and power cycling.
- managed platform services: Sun, HP/Compaq, IBM, Dell, EMC, StorageTek
- managed database and application services: Oracle, MS SQL and DB2, SAP



Why choose eircom data centre services?

- Ireland's largest network of carrier-neutral data centres, connected by our next-generation network (NGN)
- Data centre investment of over €100 million, with ongoing network investment of €1 billion over three years including NGN
- Proven, risk-managed migrations successfully conducted without impacting end-user uptime
- Customers include multinational corporations, who use Ireland as EMEA base, and the Irish government, hosting high-use public websites and sensitive medical data with eircom
- Our key technology partnerships offer access to a range of specialist skills, including application management

www.eircom.ie/corporate

To find out more about how eircom data centre services can benefit your business, contact your eircom account manager

Sample data centre specification

Redundancy	Diverse 20 MVA feeds from separate Sub stations.
Power Capacity	Dedicated 110 kV connection to the national utility supply with dual redundant 10 kV transformers on site. Total site power capacity of 20 MVA.
Power Presentation	Fully redundant A+B power available to all racks
Power Back-up	Static UPS in a redundant N+1 configuration; Standby diesel generators in a redundant configuration for full site load with 48 hours full load on-site fuel capacity
Climate Control	100KW CCUs in N+2 deployment. Redundant pipe work and chiller plant. Raised for 800mm. All power and network is above the floor in overhead baskets and fibre raceway. Floor void is empty.
Systems Monitoring	Site's critical services are fully monitored via the data centre BMS. Facility is manned 24/7 by operations and security staff.
Fire	VESDA early warning system in data halls. P1 fire detection throughout. Nitrogen Fire Suppression System with dedicated detection systems on double knock activation in Data Halls
Access	Biometric sensory plus proximity card access entry points. Full intrusion protection system covering all exits and entrances.
Surveillance	Internal and External CCTV with digital image storage.
Physical	24x7 on-site manned security, monitored automatic barriers at entrances; Man trap entrance – no tailgating policy. Secure perimeter fencing
Available Customer Space	60,000 ft. ² with 30,000 ft. ² available, with caging for customer separation and also free standing locked and secure racks for smaller deployments.
Rack types	Can accommodate a variety of rack types compatible with hot aisle/cold aisle cooling.
Telecom Providers:	eircom fibre, T50 Network, Verizon, Cogent, Colt Telecom, Hibernia Atlantic, Global crossing, peering and IP Transit from eircom multi-homed mesh.

Minimised energy to reduce cost and environmental impact

We use free to air cooling, energy management and building management systems to reduce overall energy usage. Our engineers take account of air flows in your individual configuration, to actively minimise power usage.