



World-Class Hosting Services



WORLD-CLASS HOSTING SERVICES

DXI provide the most comprehensive and advanced managed hosting services available, specialising in bespoke solutions for mission critical enterprise and e-business applications.

DXI operates and manages world-class data centres providing co-location facilities and high-speed network bandwidth to suit client-specific requirements. We provide the most secure co-location environment for business critical data and systems. Biometrics, key card and combination locks are implemented as standard entry-level criteria to our centres, backed up with 24 hour CCTV.

DXI has built a sophisticated operations platform (Service Management Centre) to compliment our core-hosting infrastructure and continues to invest in monitoring and management technology.

DXI are experienced in taking complete responsibility for the build, deployment and 24x7x365 support and management of a client's infrastructure. Solutions incorporate an array of components including networks, hardware, applications, database support and administration. DXI adhere to a network and hardware agnostic policy.

DXI delivers services on a highly scalable core infrastructure, resilient to any single-point transmission or core equipment failure. For clients requiring Internet connectivity, our multiple gigabit, high-speed Tier 1 Internet connections are redundant and protected across multiple data centres providing an availability of 99.999%.

DXI has a full Business Continuity Plan in place including critical system replication. The DXI data centres have fire suppression and flood systems and features N+1 redundancy for all utilities and services.

DXI employs the latest infrastructure security measures, which, combined with our state of the art Service Monitoring Centre, guarantees client satisfaction and peace of mind.

Features

- World-class data centre facilities
- 24x7x365 Network management and support
- Secure
- Resilient
- Remote hands
- Advanced monitoring/portal options

Benefits

- Rapid provisioning
- Consultancy service
- Carrier and hardware independent
- Bespoke solutions
- Predictable costs and flexible terms





Datacentre Specifications



Power

Site Main feeds

- Dual redundant 4MVA, 11kV dedicated underground cable feeds to dedicated dual redundant 4MVA, transformer substation

Site Generators

- 2 x 2.2MVA diesel driven emergency power generators. Auto start in less than 1 minute to feed 100% of the facility
- Fuel storage for 24-hour continuous operation at 100% load
- Monthly test of each generator at 100% on load-bank

Site UPS

- 4 x 625kVA Hybrid Rotary UPS modules giving 1875kVA total output with N+1 redundancy
- 30 Minute battery autonomy per UPS module
- Dual redundant A & B distribution

Site DC

- 8000Amps – 48VDC power systems for Telecom network equipment
- 4 hour battery autonomy
- Single bus system with dual redundant A & B distribution

Environment

Cooling Criteria

- 750W/m.sq, 21C+/-2C, 50%RH +/- 10%

Cooling Systems

- Under floor air distribution
- N+1 Perimeter down flow chiller water-cooling units
- 6 x 500kW Air-cooled package chillers giving 2500kW with N+2 redundancy

Raised Floor

- 550mm Raised Floor height
- Raised Floor 5kN/m.sq
- Structural Floor Slab 14kN/m.sq

Fire Strategy

- Very Intelligent Early Warning (V.I.E.W) detection – above and below raised floor
- Double Interlocked pre-action dry pipe sprinkler system

Security and Monitoring

Access Control

- Full electronic access control system, based on Proximity cards, PIN Keypads and Biometric Palm-scanners for Collocate rooms
- Intruder detection system on escape and riser doors

CCTV

- CCTV monitoring and recording of all access points and circulation areas

Monitoring Control

- 24x7x365 Local monitoring and logging of environment alarms and conditions
- Critical alarm monitoring to Service Management Centre
- Full perimeter under-floor leak detection linked to building monitoring system

