

DATA CENTRE OVERVIEW – SHIELD HOUSE (GCR1)

Indectron provides premium carrier-neutral colocation data centre technical space to service providers, enterprise, media, education, health care and government organisations. Our data centres are used as protected environments for data and critical systems connected with a wide range of networks and cloud service providers.

Technical space that is highly secure, resilient and connected.

Our Gloucester data centre is situated in Barnwood within easy reach of the motorway network linking it to Bristol, Birmingham, Swindon and Oxford. Shield House (GCR1) has capacity for more than 500 colocation racks within a high quality business park, which is developing into the cyber-security hub of the United Kingdom.

The facility's intelligent design delivers enhanced environmental efficiencies and perfectly supports high density computing. Our accredited facility is supported by resilience in both design and operations with helpdesk and remote hands services, which are available 24x7x365.

With a communications security heritage and a focus on cyber-security Gloucestershire is an ideal location for Shield House as an accredited carrier-neutral data centre.

FACILITY <ul style="list-style-type: none"> • 3 Colocation Data Halls • Up to 500 Colocation racks • 1.5MW Facility IT Power Capacity • 100% Uptime SLA • High Security Facility • Concurrently Maintainable • Dedicated Hall / Cages • Further Phased Expansion Plans 	SERVICES <ul style="list-style-type: none"> • Office, Meeting Room, Storage and Build Space Onsite. • Data Cablings and Connectivity Provisioning • Remote Hands • Hardware Procurement and Deployment • Tape Rotation and Storage • Consultancy and Auditing
POWER <ul style="list-style-type: none"> • 2N Redundant HV Mains • 2N Active/Active Power Distribution to Racks • 2N Modular Redundant UPS • N+1 Redundant Standby Generation with minimum 48hr Onsite Fuel and Refill Contract • Full Power Monitoring and Energy Management 	COOLING <ul style="list-style-type: none"> • PUE of up to 1.2 (hall dependent) • N+1 Resilient Cooling • Concurrently Maintainable Distribution • Indirect Free Cooling • Equipment Inlet Temperature Range 24°C +/- 4°C • Equipment Inlet Humidity Range 40-60% Relative Humidity • Aisle and Rack Based Air Containment
PROTECTION SYSTEMS <ul style="list-style-type: none"> • Onsite Security 24x7 – access procedures (with client management) • Secure Business Park Location • Full Perimeter and Internal CCTV • Access Control, including Intruder Detection. • Fire Suppression and enhances Highly Sensitive Smoke Detection (VESDA) 	CONNECTIVITY <ul style="list-style-type: none"> • Dual Secure Carrier Entrance Points • Carrier Neutral Facility • Diverse A+B Meet-Me Rooms • Inter-Customer Cross-Connect Ability • Point-to-Point Inter-Data Centre Links
MONITORING & MANAGEMENT <ul style="list-style-type: none"> • 24x7x365 Infrastructure Monitoring • DCMS – Full Enhanced Datacentre Management System 	PROPOSED CERTIFICATIONS <ul style="list-style-type: none"> • ISO 9001, 50001, 27001 • DCA Certified (Level 3) • Uptime Institute Certified (Tier III) • EU Code of Conduct For Data Centre Energy Efficiency (Participant)

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