AT&T Data Center Brief





About Birmingham/Redditch (BHX1) AT&T helps businesses connect to their customers,

suppliers and partners through our highly secure

and reliable data centers. Our data centers provide high bandwidth and low latency connections through the AT&T network, one of the most powerful and advanced IP/Multiprotocol Label Switching (MPLS) networks in the world. For decades, we've helped define how the data center industry operates. With the extensive global coverage at our own data centers (in locations like Amsterdam, London, Hong Kong, Singapore and Sydney) and alliances with other major data center operators, AT&T offers collocation availability at more than 300 facilities in 16 countries.

Located in the Heart of England in the suburbs of the UK's second city, Birmingham has excellent roads, rail and air transportation. The city is easily accessible from London and is packed full of exciting attractions, from a state-of-the-art library to a world-class shopping centre and even a real life chocolate factory.



LOCATION

Ravensbank Drive, Redditch Worcestershire B989AYUK

From Airport: 13 miles* from Birmingham Airport (BHX)

Location: Located in the Heart of England in the suburbs of the UK's second city. 1 hour 25 minutes from London.

Parking: On site parking *approximate mileage



Services historically meet or exceed 99.999% availability

SLA



PROFILE

Data Center

Overall: 60,000 sq. ft.

Raised Floor: 24,800 sq. ft.

Office Space: Meeting rooms available on request

Site Area: Light Industrial Seismic Zone: Low Risk

Built: 2000 Retrofitted: N/A

Amenities

Customer Lounge: Yes Conference Room: Yes

Telco Information

NPA / NXX: N/A

CLLI Code: RDCHENAAA00 POP: RDCHENAXDCO



COOLING

HVAC Distribution: N+1 HVAC System: N+1

Hall 7 3 x C/W = 130KW @ N+1

Chillers: Hall 1 15 x 64 KW Chilled Water (C/W) Hall 2 4 x C/W and 3 x DX = 451KW @ N+1 Hall 3 4 x C/W and 3 x DX = 465KW @ N+1 Hall 4 4 x DX = 216KW @ N+1 Hall 5 5 x C/W = 260KW @ N+1 Hall 6 10 x C/W = 585KW @ N+1



BUILD OUT

Types: Cage, Locking Cabinets Standard Rack: 42U x 600 mm x 1000 mm

Raised Floor Load: 250 lbs. / sq. ft. Sub Floor Load: 250 lbs. / sq. ft.

Cross Connect: Copper, fiber,

Remote Hands: 24x7 Loading Dock: Yes



FIRE **PROTECTION**

Fire Alarm: All halls have VESDA smoke detection with floor and ceiling mounted cross zoned detection

Fire Suppression

Data Center Areas: FM200 fire suppression. Operation of the gas fire suppression is via "double knock" operation of fire detection with the option of manual initiation

Non-Equipment Areas: Wet Sprinkler



AUDIT / CERT. **STANDARDS**

• ISAE 3402 • ISO 27001 • PCI v3.2



POWER

Electrical Capacity

Phase 1:70W per sq. ft. Phase 2: 98W per sq. ft. Cabinet (1.8, 2.5 Kw)

UPS Configuration: N+1

Utility Feeders: 1

Standby Power Config:

Stand By Power: 4 x diesel generators Generator A – 2 x 570 kVA units (570 KVA @ N+1); Generator B – 3 x 1200 kVA units (2400kVA @ N+1); Generator C - 2 x 1200 kVA units (1200kVA @ N+1); Generator D/E - 3 x 2000 kVA units (4000kVA @ N+1); Diesel Capacity: Fuel Farm – For A,B+C160,000 Ltrs; Fuel Farm - For D/E 44,000 Ltrs above ground storage tanks



PHYSICAL SECURITY

Physical: Mantrap

Staffing: 24x7

Electronic: Closed Circuit Monitors, Secure Key-Card Access, Biometrics Scanner, and Alarmed Doors



NETWORK

Internet: Two STM4 High speed uplinks to the AT&T IP Network

Redundancy: Redundant and path-diverse entrances and exits

