DATA CENTRE

COLOCATION

FROM EXCLUSIVE NETWORKS

OUR ETHOS IS TO DELIVER A HIGHLY RELIABLE, RESILIENT AND ROBUST ENVIRONMENT FOR OUR PARTNERS, THAT COMPLIMENTS THE CRITICAL NATURE OF THEIR BUSINESS

1

N+1 Air Conditioning
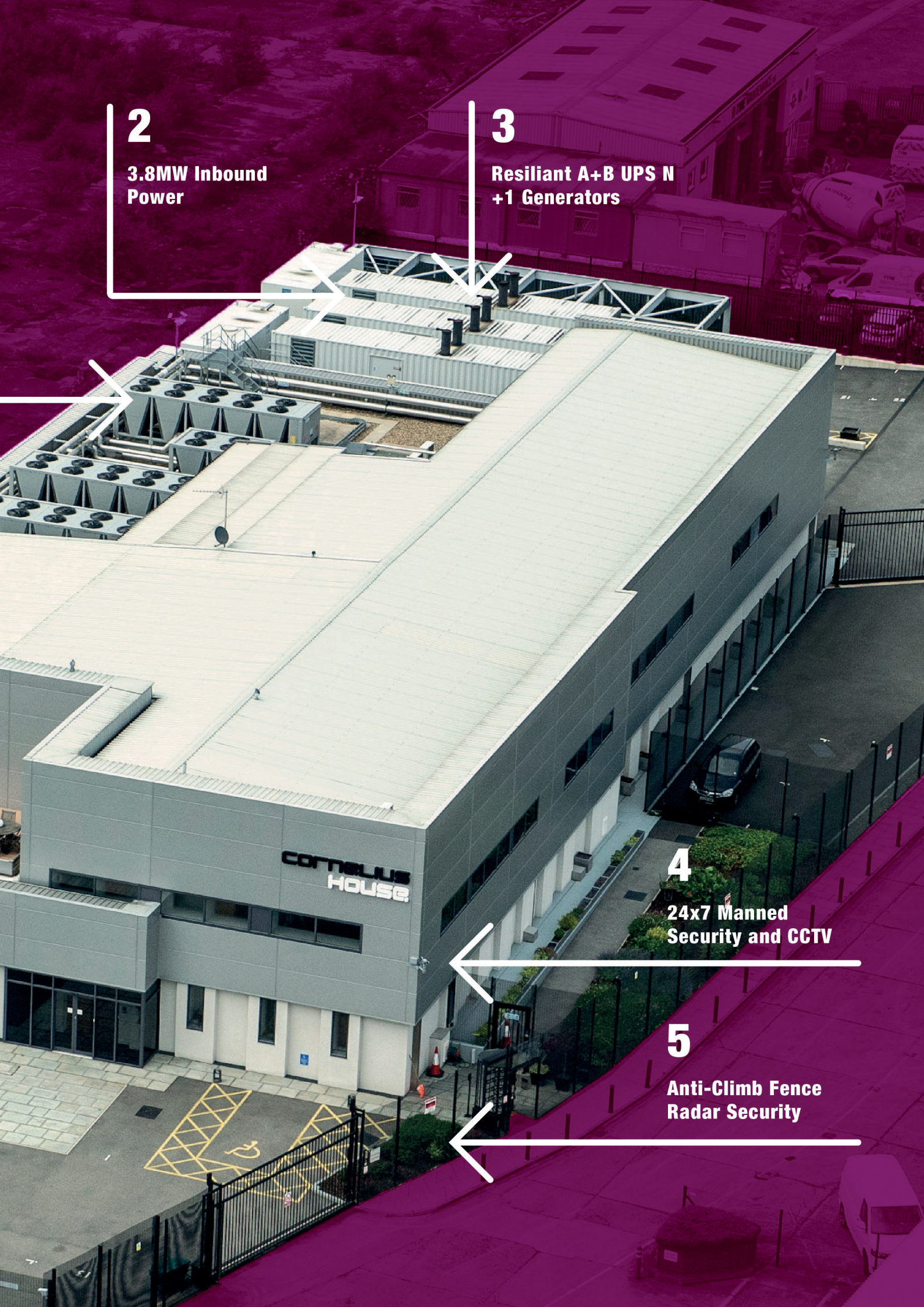
2

3.8MW Inbound Power

3

Resiliant A+B UPS N +1 Generators

cornelius HOUSE.

4

24x7 Manned Security and CCTV

5

Anti-Climb Fence Radar Security

SOLUTIONS TAILORED TO MIRROR OUR PARTNERS REQUIREMENTS, BY PROVIDING A MISSION CRITICAL ENVIRONMENT WITH UNRIVALLED QUALITY THAT LEADS THE WAY ON SUSTAINABLE DESIGN

Physical Features

> > 11,000 sq ft whitespace.

Infrastructure

> N+1 concurrently maintainable infrastructure

> Diverse and robust power and cooling systems

> The highest levels of security

> Incipient fire detection system

> Resilient A and B cabinet connectivity

> 24x7 management, monitoring and maintenance of critical building services and equipment

> High spec "fit-for-purpose" infrastructure- you decide how you want to use it.

Power

> 4-7kw per cabinet with up to 20kw dedicated per cab in separate suite.

Environment

> 21 Deg C +/-2 deg

Connectivity and Network Capability

> Multiple diverse and redundant optical fibre entry points

> Up to 80-gb Internet connectivity

> Cost effective IP transit available

> Cost effective Layer2 Ethernet circuits

> NHS N3 connectivity

> 10 / 20 Gbps IP and MPLS network connectivity to the world's largest Internet exchanges

> All national network operators in locality.

Physical Security

> Manned 24/7 on site security

> Dual interlocked external gates

> Internal Dual interlocked door entry

> Prox and Pin Access to all doors

> IR CCTV coverage externally to

> all areas, internally to all secure area / access points

> 100% coverage Seismic perimeter detection with Redwall Microwave intruder sensors

Sustainability

> Low true PUE <1.3 (demonstrable data available)

> Waste heat recovery for office and DR space heating

> 100% recycling policy

> CAC aisle capability

> LED PIR activated lighting

> 100% VSD driven pumps and fans

> CHP connection for large users

> Rainwater harvesting

Mission Critical and Business Critical Environments

Our engineering experts work closely with our partners to ensure that the Data Centre environments achieve the exacting standards required to operate the desired service. We have developed a wide spectrum of space arrangements that offers the maximum level of flexibility in response to the needs of our partners. The centre has been developed using a modular approach to the infrastructure for scalability that allows partners to adopt either a Class 2 or Class 3 rating with individual rack loads of up to 20Kw.

Delivering your requirements

Whatever your Data Centre requirements, we are able to offer a generic or bespoke solution to match these needs. We have the capability to offer co-located space, caged areas, private suites or dedicated sole occupancy halls. Our ability to design, deliver and operate our own facilities provides partners with the peace of mind that their requirements for space and configurations can easily be catered for.

Always connected

Exclusive Networks partner with multiple carriers with diverse routes directly into the data centre to offer unlimited connectivity to our partners.

By investing in diverse fibre duct infrastructure, we enable service providers to easily interconnect to our data centre. We offer the ability for service providers to offer their services to our partners and use our data centre as an interconnect.

THE
SERVICES
WE OFFER

Private Data Suite

Exclusive Networks Private Data Suites provide customised environments within the main Data Centre. These dedicated rooms are separated from other partner areas via F60 fire rated enclosed walls. In order to achieve enhanced resilience; dedicated cooling, access control, fire suppression systems and power supplies from dedicated PDUs are provided within the suite. The suite is fully managed and highly secure. The dedicated suites can be modified to meet specific requirements.

Private Suites are available to accommodate between 100 and 400 cabinets dependant upon requirements.

> A and B UPS systems. 2 x 16 or 32A feeds to each cabinet from dedicated PDU's. (N+N).

> Dedicated twin coil, down flow CRAC units with N+1 resilience. (2,500w/sq.m Avg)

> Generator back-up with 72-hour fuel storage on site.

> Dedicated copper/fibre ducts from A and B MMRs.

Shared Data Suites

We are able to offer clustered space within a shared data suite for the deployment of medium sized IT requirements. The shared suites provide all the benefits of a Class 3 rated facility with high levels of resilience, redundancy and robustness, whilst simultaneously leveraging from the associated security benefits that a large centre provides.

The caged areas within the shared suite provide additional security for access control whilst sharing power, cooling and associated critical centralised support systems with other partners.

> A and B UPS systems. 2 x 16 or 32A feeds to each cabinet from shared PDU's. (N+N)

> Shared twin coil, down flow CRAC units with N+1 resilience. (2,500w/sq.m Avg)

> Generator back-up with 72-hour fuel storage on site.

> Dedicated copper/ fibre ducts from A and B MMRs, ducts shared within suite.

Co-location

Space is available to lease by the rack within a common data hall. The space is provided with all of the benefits of a Class 3 rated facility with high levels of resilience, redundancy and robustness - with the added benefit gained from being co-located in a large centre and the enhanced level of security that is therefore provided.

> A and B UPS systems. 2 x 16 or 32A feeds to each cabinet from shared PDU's. (N+N)

> Shared twin coil, downflow CRAC units with N+1 resilience. (2,500w/sq.m Avg)

> Generator back-up with 72-hour fuel storage on site.

> Shared copper/fibre ducts from A and B MMRs to colocation space.

Technical Services and Support

Once in the data centre, partners have access to the 24/7/365 Service Desk which is the main point of contact for all access requests, deliveries, remote hands assistance and general enquiries.

Technical support can be provided 24/7 to all partners. Services include a wide range of Level 1 , 2 and 3, which can be booked in advance or for more urgent service requests.

DR Workspace

On site DR workspace for up to 90 persons with full internet connectivity and fully patched cat 5e/fibre links to all areas of the data hall.

ULTRA-SECURE

Not only does your solution sit behind a Cisco ASA firewall as standard, our data centres are ISO 27001 certified, PCI-compliant and secured to UK government IL4 standards, which ensures your solution is protected by exceptional levels of security at all times.

EXPERT SUPPORT

You'll soon see our expert support engineers as an extension of your team. Supporting Windows, Ubuntu, CentOS, Debian and RedHat, our team are available 24/7/365 to answer questions or help resolve any issues, plus your call will be answered within 3 rings, guaranteed.

At Exclusive Networks we are passionate about uptime and availability ensuring our partners businesses are always online and available.

We strive to apply the best practices, provide exceptional services and solutions all wrapped up in our obsession with our partners' successes and helping and enabling them to work faster, smarter and stay ahead of emerging technologies.

With a strong focus on speed in everything we do; whether that's delivering faster network speed, through to market innovations, our overall aim is to help our partners achieve their business goals quickly, easily and safely.

Our data centres are ISO 27001 certified, ensuring our services and solutions are protected by exceptional levels of security, all of the time.

We appreciate how imperative it is for our partners businesses to always be online, which is why we have invested heavily in our fully-owned data centres, enterprise-grade infrastructure and super-fast network which gives us guaranteed control of the end-to-end process.

Exclusive Networks
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