































Elasticity Data Centre *Excellence Delivered*

January 2023

Tier 3 Design Compliant ISO27001- ISO9001 – PCIDSS – SOC 2 Certified

<p> Facility Specifications</p> <ul style="list-style-type: none">  10,000 sq. ft. co-location area  Two 5,000 sq. ft. data halls (800 KVA each hall)  Cabinets, cages, and custom-built configurations available  200 Racks per floor @ 4KW each rack  2.4MW cooling plant with N+1 configuration 	<p> Power & A/C - 2MVA</p> <ul style="list-style-type: none">  2 x 11,000 Volts HV Transformers  4 x 800 KVA UPS back-up power (2N)  Onsite 2,5 MW diesel generators (N+1)  Fuel storage for non-stop running on backup power
<p> Security & Certification</p> <ul style="list-style-type: none">  Anti-Ramraid infrastructure  Card key access, Biometrics, Intrusion alarms and CCTV DVR surveillance 24 X 365 on-site monitoring  Site wide CCTV Security cameras with monitoring and recording  Multiple access layers for client to gain access to co-location space  ISO27001, ISO9001, PCI DSS, SOC 2 <p> 24 x 7 On-Site Support</p> <p>Our Network Operations Centre (NOC) provides 24 x 365 support, including remote hands, systems management, monitoring</p>	<p> Connectivity</p> <ul style="list-style-type: none">  Carrier Neutral - Connectivity to a world class carrier network  ISP Services available _ IP addressing and address management  BGP Internet Routing  British Telecommunications  Virgin Media  COLT Telecommunications  Zayo Networks  EU Networks  Masergy Communications/ Exponential E/ Vodafone
<p> Scalability</p> <p>Expand your data centre footprint. Reduction in Opex, we can support your business as your requirements change.</p>	<p> Location</p> <p>Elasticity Limited Slough Industrial Estate Slough Berkshire SL2</p>

TECHNICAL OVERVIEW

ELASTICITY DATACENTRE

Data Hall Space	5,000 Sq. Ft. Data Hall 1 5,000 Sq. Ft. Data Hall 2
Floor to Ceiling Height	3.6 Meters
Raised Floor Depth	600 mm
Maximum Floor Load Capacity	12KN per Sq. M. UDL
Electrical Systems	HV – 11KV System Dual Feeds
Mechanical Systems	Chilled Water and CRACs in Data Halls
Incoming Power Capacity	2.0 MVA
Design PUE	1.5
Uptime Institute Equivalence	TIRE III
External Conditions	24x7 On-Site / Security
Humidity	20% - 80%
Cooling Redundancy (DH)	N+1
Data Hall Average Load	800 KVA Each Data Hall
Aisle Pitch	1.2 Meters
IT Cabinet Density	400 Cabinets – Data Hall 1 +2
IT Aisle Containment	Cold Aisle Containment
UPS Technology	On-Line UPS Technology
UPS Redundancy	N+1
Generator Fuel Storage Capacity	13,000 Litres
Electrical Distribution Philosophy	2 N – Stream A, B – Non dependnet
Telco Entry	Carrier Neutral + Diverse entry access points
Fire Suppression Data Halls	VESDA, Smoke Ionisation and Heat Detection – Double knock system
UPS and Power Rooms	Hi-Fog – Water Mist System
Offices	Fire Extinguishers, Smoke Ionisation and Heat Detection Double knock system
BMS	Integrated and continuous monitoring and management of all critical systems over dedicated network.
Lighting	High Luminosity LED Lighting, with movement detection and switching