ZARE

City Reach
London, United Kingdom

Docklands Data Centre, 5 Greenwich View Place, London, E14 9NN

Zare is an IT Infrastructure Provider based in the UK offering affordable bare metal servers, colocation and IT transit services from numerous world-class datacentres throughout Europe. We operate a reliable and ever-expanding low-latency network featuring powerful inline Corero DDoS Mitigation hardware, allowing us to deliver robust services to businesses of all sizes.

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Services

We have a range of premium yet affordable services available at this location.

- Bare Metal Servers
- Colocation
- Intelligent Hands
- IP Transit
- Waves
- Remote DDoS Protection
- Direct DDoS Protection

HydraCom

Overview

Nestled in the heart of the London Docklands, our City Reach datacentre offers customers several different services to facilitate both the needs of the introductory and professional levels of business. With 23,000 square feet of data hall space at our fingertips in this Tier 2/3 aligned facility, we can accommodate the needs of most organisations. The redundancy is strong with this one; consideration has been given to ensure high resilience at all stages of service delivery, including our network presence and the physical infrastructure and utilities available in the facility.

Power
N+1 Caterpillar (CAT) 3512B Diesel Generators @ 1,500kVA
N+1 Rotary Flywheel UPS Systems @ 250vKA
N+1 Battery UPS Systems @ 400kVA
A+B Redundant 16A or 32A Power Feeds to Every Rack @ 240v
96 Hours / 81,000 Litre Emergency On-Site Fuel Storage

Security
24/7 On-Site Security Personnel Operating in 8 Hour Shifts
Site-Wide CCTV Monitoring and Recording
Proximity Card (RFID) Access Control & Logging
Photo Identification Verification and Pre-Approved Access Lists
Key/Combination Rack Locks

Safety
VESDA Smoke Detection System
FM200 Fire Suppression Agent
Close Proximity to Fire Station

Certifications
PCI DSS Compliant
ISO9001 Accredited Facility
ISO27001 Accredited Facility

Network

IPv4 Addresses	Total Capacity	Peak Throughput
53,000+	1.5Tbps	450Gbps

We operate a low-latency, geographically redundant BGP network that spans Europe, providing scalability and resiliency, safeguarding customer service levels with high availability and offering high-quality transit through multiple Tier 1 carriers and diverse peering. This facility features **Juniper MX960** routers at the network edge that utilise redundant routing engines and an N+N line card configuration, supported by a core built with a mix of Juniper EX4200 and QFX5100 switches in virtual chassis' and high-capacity redundant uplinks from each switch to the edge.

Private Peering

BT (100Gbps)	Hetzner (100Gbps)
Sky (100Gbps)	Online.NET (10Gbps)
Virgin Media (100Gbps)	Google (100Gbps)
TalkTalk (20Gbps)	Worldstream (20Gbps)
CDN77 (100Gbps)	

Public Peering

LINX (100Gbps)	AMS-IX (20Gbps)
LINX Scotland (10Gbps)	FRANCE-IX (100Gbps)
LoNAP (100Gbps)	SWISS-IX (10Gbps)
Equinix IX (20Gbps)	DE-CIX (20Gbps)
NL-IX (10Gbps)	

Global Transit

Telia (180Gbps)	Cogent (180Gbps)	GTT (70Gbps)	NTT (30Gbps)

DDoS Protection

Our custom DDoS protection solution combines state-of-the-art Corero SmartWall DDoS Mitigation appliances deployed across our network edge with powerful, meticulously refined sets of custom flood filters. Configurable on a per-IP basis through the Zare Manager, our in-house firewall allows for precise adjustments to guarantee the best possible protection for your services to help combat digital threats.

Customisation
Smart Rules - Heuristics-Based Engine Utilising Traffic Behavioral Analysis
Flex-Rules - Programmable Filters to Target Volumetric, Reflective and Payload Specific Attacks
Rate Limiting Policies
IP Address, Country and AS Number Block/Allow Lists
TCP/UDP Port Range Filters

BPS Filtering Capacity
160Gbps

PPS Filtering Capacity
240 Million Packets / Second

✓ Volumetric Attacks	✓ Reflective Attacks	✓ Resource Exhaustion Attacks