Datum

- What are we?
  - A Colocation Business and Datacentre Operator

- What's our plan?
  - A network of regional, environmentally intelligent, carrier neutral colocation datacentres delivering for our clients the most energy efficient colocation on the market with a focus and passion for outstanding client service

- Why?
  - Much of the UK Datacentre estate is legacy, inefficient and of mixed quality. We aim to create a network of "Kite Mark" quality facilities utilizing proven technology to deliver efficient, secure and service based Colocation and Datacentre services

Datum | BUSINESS CLASS DATA CENTRES

Datum Datacentres Limited, Cody Technology Park, Farnborough, Hampshire, GU14 OLX
T: 0845 568 0123 | E: info@datum.co.uk | www.datum.co.uk

Corporate Profile

- Privately owned

- Backed by Darwin Private Equity

- Fully funded

- 15 Years experience in Colocation

- First facility open – Farnborough

- First clients live

About Us

- Environmentally Intelligent

  - Datacentres designed to maximise energy efficiency using proven, cost effective, cooling technology to reduce carbon footprint and costs

- Secure & Resilient

  - Highly available infrastructure, 2N main and backup power delivered from secure facilities on high security campus locations, backed by a 100% SLA

- 100% Client Focused

  - Proactive service delivery, service reporting and account management. Your IT needs and our first class service in perfect alignment

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Introducing the Farnborough Datacentre

- On the high security QinetiQ Cody Technology Park

- Defence Industry heritage, exceptional building quality

- Park focuses on high technology businesses in both public and private sector

- ListX capability

- IL status achievable

- Excellent transport links and services – close to M3 motorway, bus and rail links to London

- Range of onsite facilities including conference rooms and theatres, café, restaurant, gym and client use offices

A centre for high technology businesses

Accreditations and Certifications

- Currently preparing for BS ISO / IEC 20000, 27000, 14000, 9000, 50001 and PCI DSS

- Datacentres built to comply with existing and proposed certifications for security, continuity and environmental standards.

- Datacentres located specifically to address the needs of clients with greater levels of physical security requirements

- First client will use Datacentre as primary site for public sector clients, including those processing protectively marked data and services forming part of the Critical National Infrastructure.

- Facility and location will satisfy the needs of both departmental and pan-government accreditors
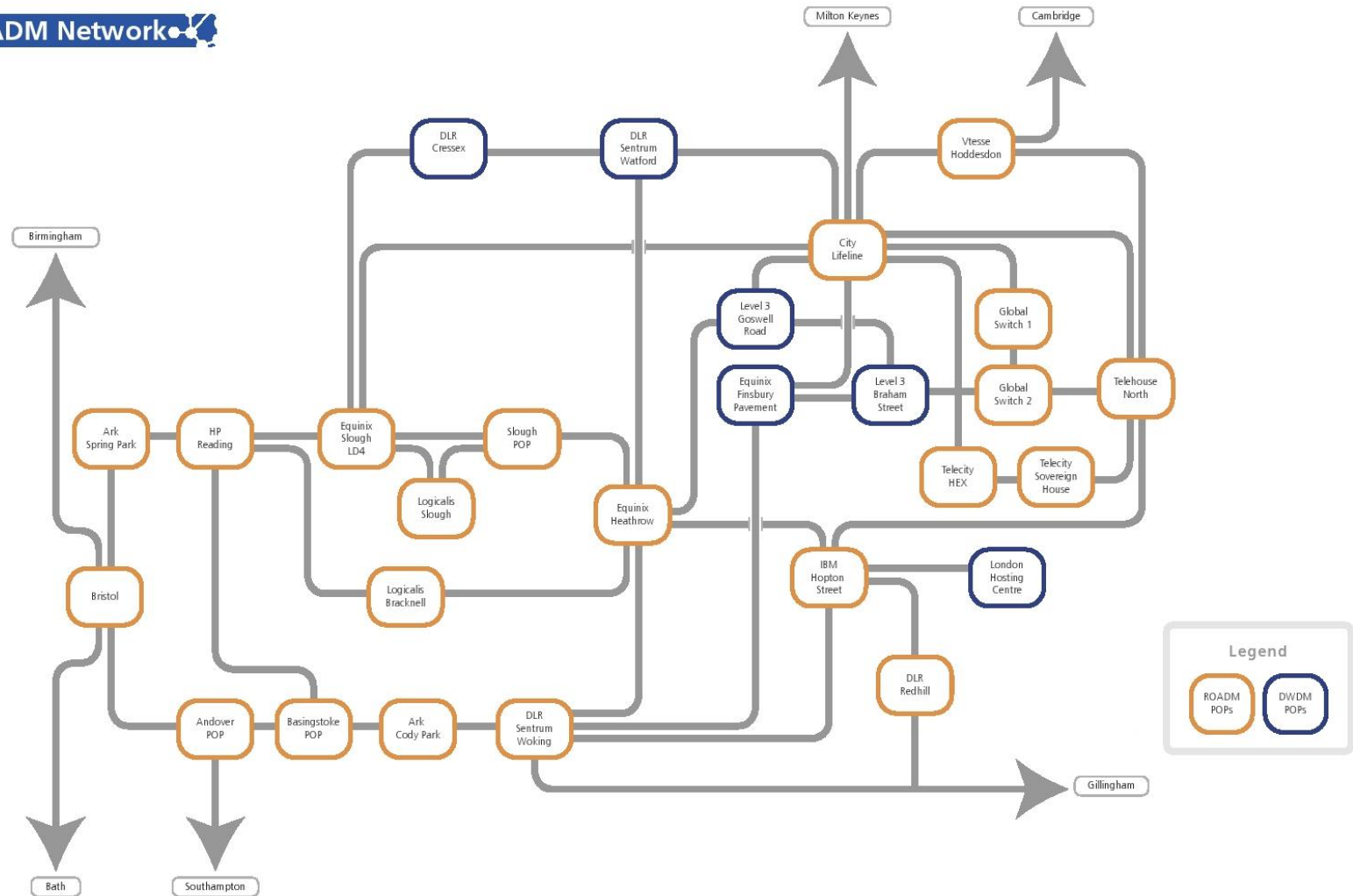
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Connectivity

- Managed IP Transit Connectivity Service

- WAN connectivity to other connectivity Hubs

- Carriers
  - BT/Level3/GC ✓
  - Cable & Wireless ✓
  - Vtesse ✓

  - Geo
  - SSE } On/near site
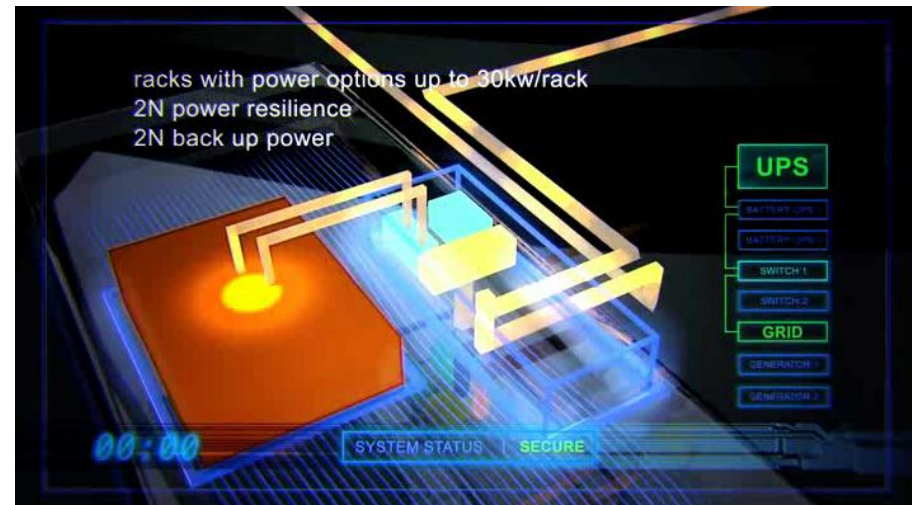 - Colt
  - Virgin

Connectivity – Vtesse RoADM Network
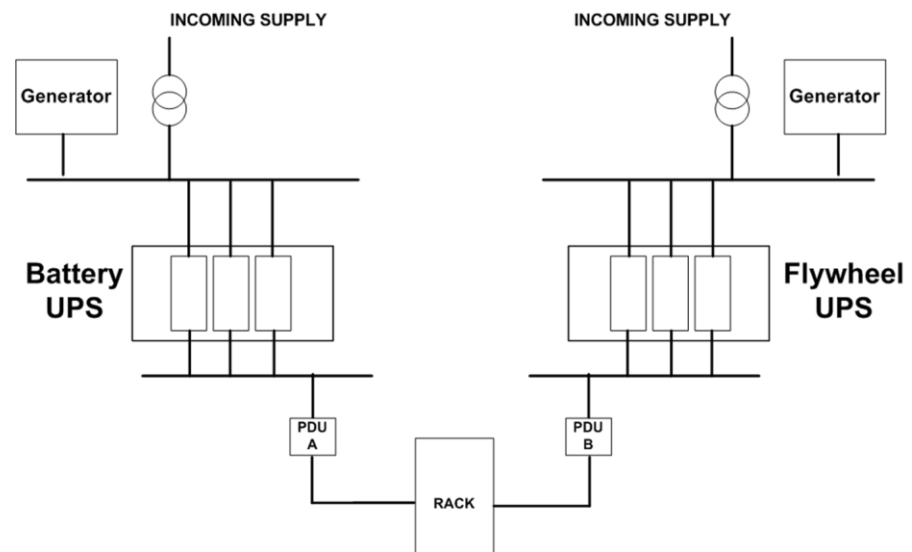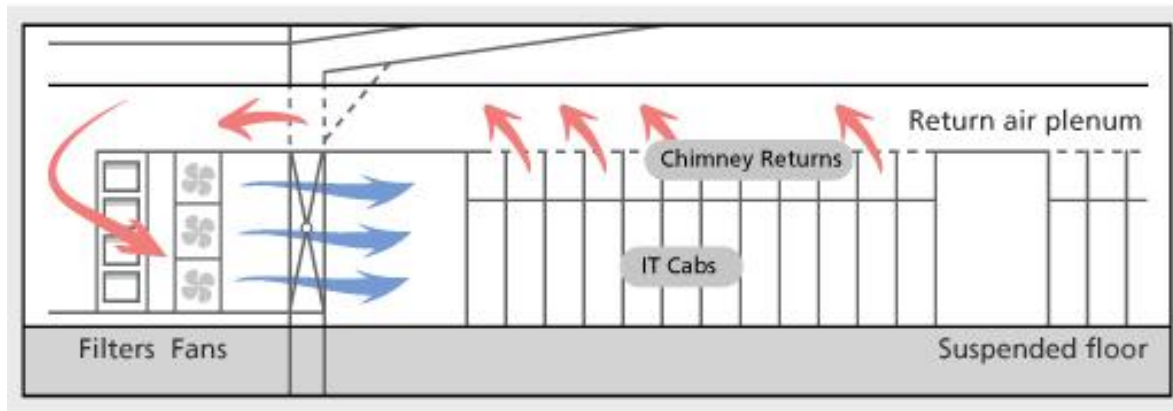
Power

- Dual 6 MVA incoming

- 2N onsite generation

- 2N UPS systems

- 72 hours on site fuel supply

- Up to 30 kW per rack

- Colour coded power feeds

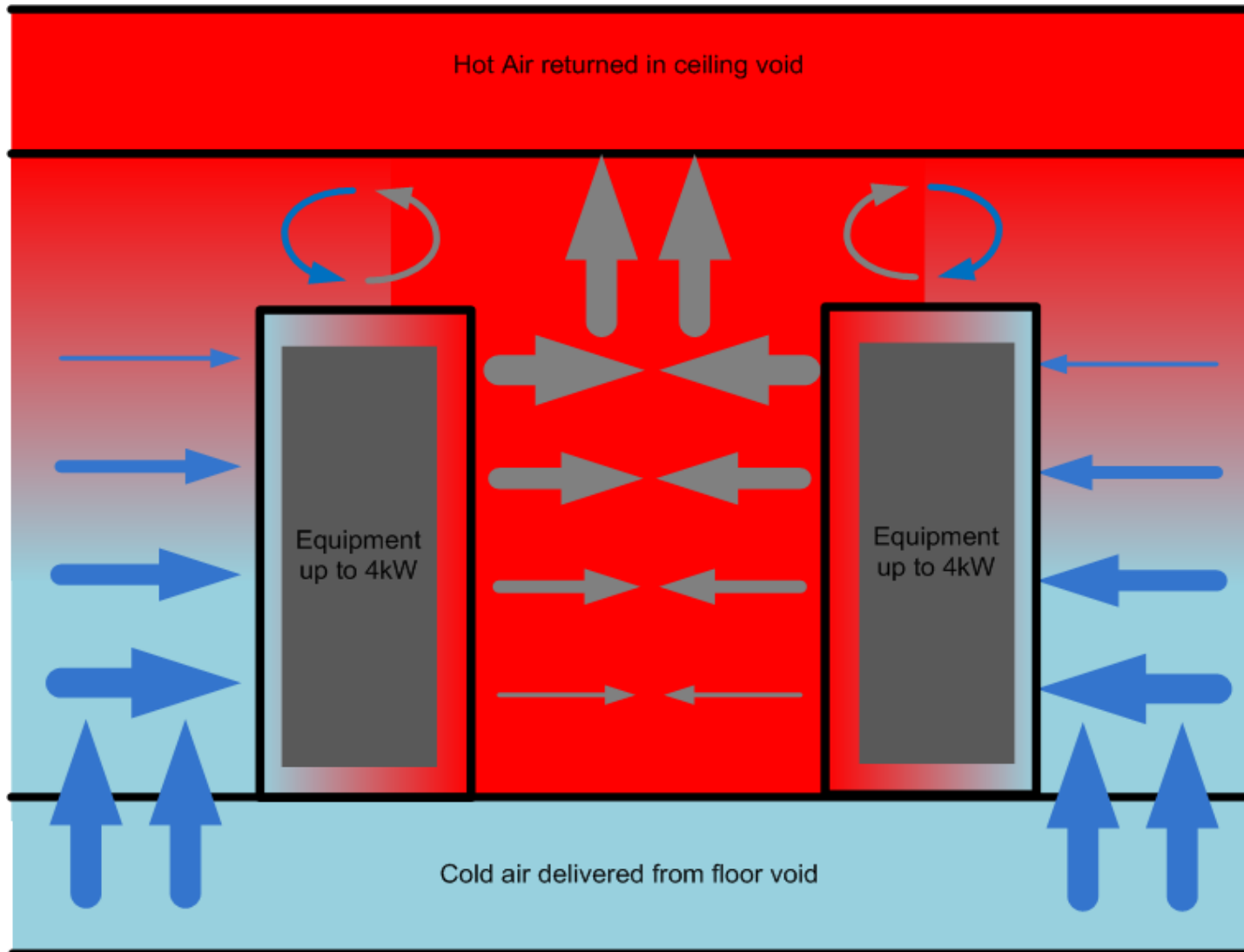- Concurrently maintainable throughout

Cooling - Flooded Airflow Adiabatic Cooling

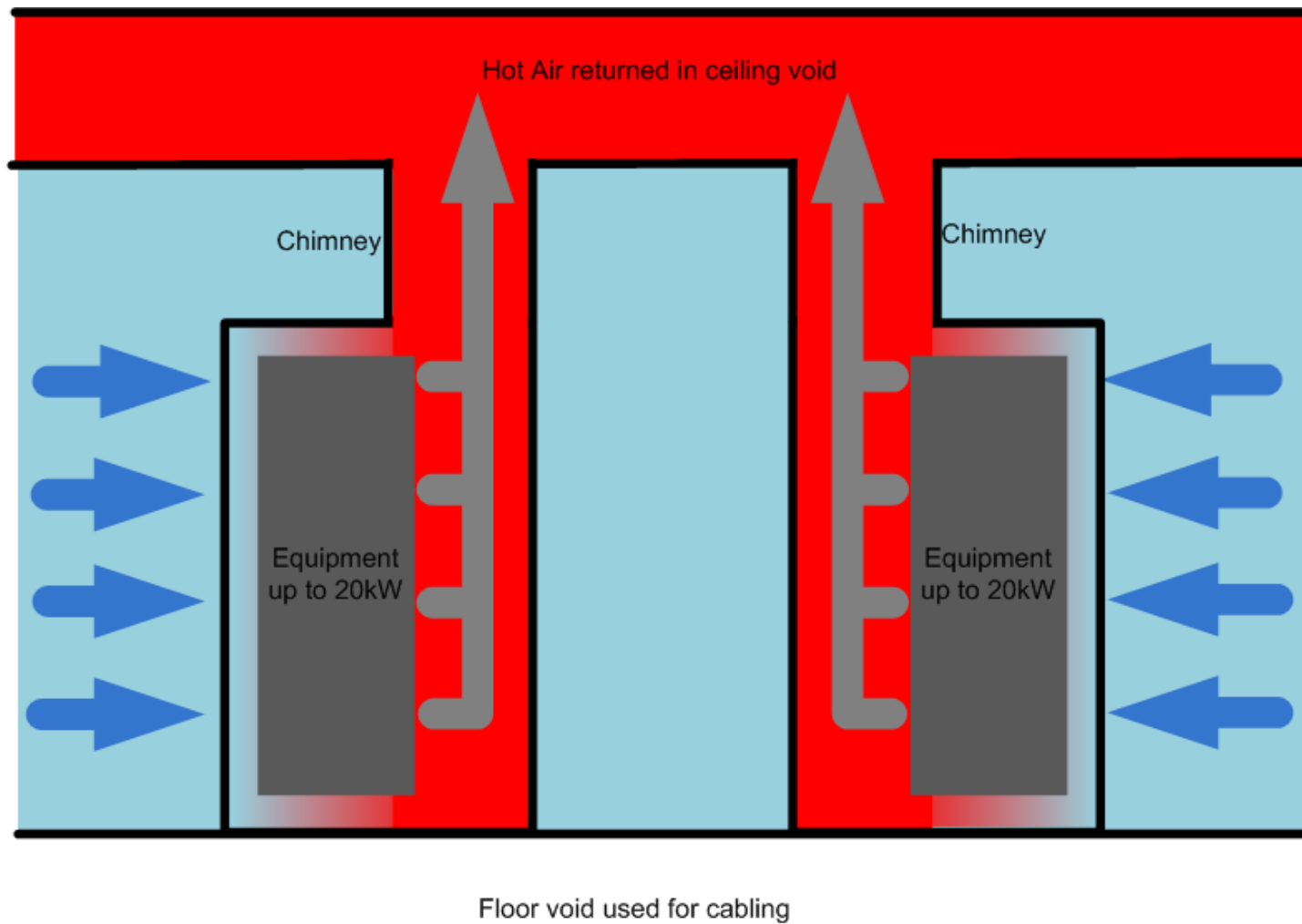© Datum Datacentres Ltd 2012

- Environmentally Intelligent and Efficient

- Separation of Hot and Cold aisles

- No water services within technical space

- Up to 30 kW per rack

- Industry leading PUE of 1.2 and better achievable even at partial load

Cooling – Conventional Arrangement

Hot Air returned in ceiling void
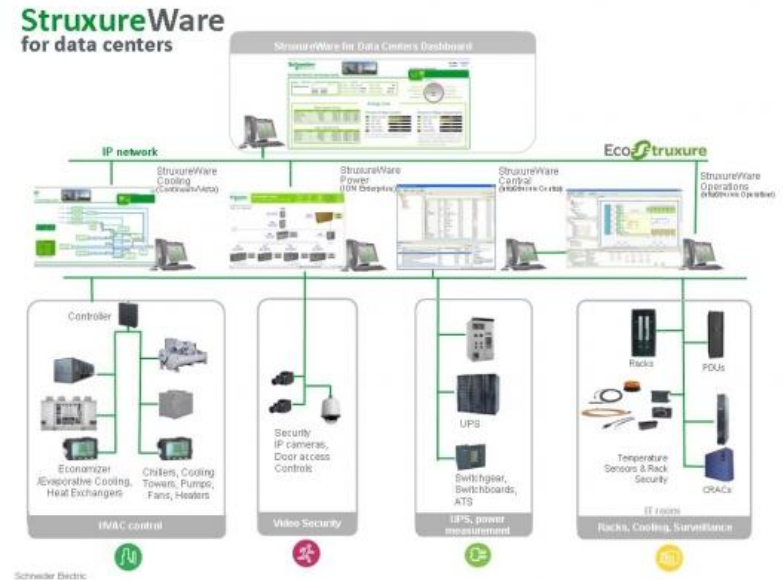
Equipment up to 4kW

Equipment up to 4kW

Cold air delivered from floor void

Cooling - Datum Arrangement

Hot Air returned in ceiling void

Chimney

Chimney

Equipment up to 20kW

Equipment up to 20kW

Floor void used for cabling

Client focus

- Service focus, not "landlord tenant"

- Proactive service delivery

- Detailed service reporting

- Service management resource

- Client portal

- Extensive non DC facilities

- Advanced Schneider StruxureWare Data Centre Infrastructure Management solution (DCIM)

- Monitoring and reporting tools to provide clients with information required to improve efficiency

- Predictive scenario modelling to ensure optimum set up of client infrastructure

- Powerful management tool for Datum infrastructure

Security & Fire Protection

- Multi Layered approach (QinetiQ and Datum)

- Photo ID and Pre Notification

- 24 x 7 Security

- Multi factor access control including Biometrics

- Full perimeter surveillance and recording of both Cody Technology Park and Facility

- Intrusion Detection and Alarm Systems

- VESDA – Double Knock

- Fire extinguishant throughout

Datacentre Services

- Remote Hands

- Scheduled and emergency engineering services

- Structured Cabling

- Hardware Procurement & Deployment

- Consultancy and Auditing

- DCIM – additional performance modules

- Office/Conference Services

- Build and Storage Space

- Recycling

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