

iomart



Data Centre Infrastructure



LONDON

Our London data centre is located within the heart of the UK's centre of global finance – The Square Mile.

It offers 1,520 m² (16,000 ft²) of high quality, resilient and secure space across four separate data halls:

- Data Hall 1 = 493 m² (5,309 ft²) • Data Hall 2 = 534 m² (5,747 ft²)
- Data Hall 3 = 274 m² (2,957 ft²) • Data Hall 4 = 216 m² (2,328 ft²)

LONDON KEY FEATURES AT A GLANCE

- 24 hour manned security, CCTV and intruder alarms
- 24 hour on site Network Operations Centre (NOC)
- 4 x 1 MW generators
- 6 x 500 KVA UPS (N+1)
- Mirrored switchgear
- N+1 air conditioning systems
- Dual zone fire detection and INERGEN suppression system
- Up to 63A MCCBs within PDUs
- Dark fibre capability and diverse fibre entry
- Carrier neutral
- Controlled environment - room temperature 24°C +/- 2°C
- 0.75 kW/m² cooling density
- 12 kN/m² raised floor system – 600mm void



MAIDENHEAD

Our Maidenhead data centre is situated on a purpose-built site near the centre of the town.

It offers 2,800 m² (30,140 ft²) of high quality, resilient and secure space across nine data halls.

MAIDENHEAD KEY FEATURES AT A GLANCE

- 24 hour manned security, CCTV, biometric access and intruder alarms
- 24 hour Network Operations Centre (NOC)
- 6 x 1.5 MW generator
- N+1 air conditioning systems
- 2 x 8 MW diverse supply UPS (N+1)
- Dark fibre capability and diverse fibre entry
- Controlled environment – room temperature 24°C +/- 2°C
- 0.75 kW/m² cooling density
- 12 kN/m² raised floor system – 450mm and 600mm void
- Dual zone fire detection and suppression system



MANCHESTER

Our Manchester data centre is located on a purpose-built technology park, just south of the city centre.

It offers 278 m² (3,000 ft²) of high quality, resilient and secure space.

MANCHESTER KEY FEATURES AT A GLANCE

- 24 hour manned security, CCTV and intruder alarms
- 24 hour on site Network Operations Centre (NOC)
- 2 x 2 MW generators on site
- 0.75 kW/m² power density
- N+1 air conditioning systems
- VESDA fire detection and FM200 suppression system
- Dark fibre capability and diverse fibre entry
- Carrier neutral
- 2 x 380 KVA UPS (N+1)
- Controlled environment - room temperature 21°C +/- 2°C



GLASGOW

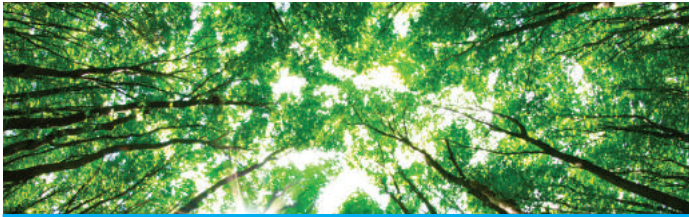
Our Glasgow data centre is located approximately 5 km from the heart of the city centre. It is built on a 0.7 acre site and was constructed especially for the purpose of large scale server hosting and colocation.

It offers 768 m² (8,266 ft²) of high quality, resilient and secure space, across two separate data halls:

- Data Hall 1 = 410 m² (4,413 ft²) • Data Hall 2 = 358 m² (3,855 ft²)

GLASGOW KEY FEATURES AT A GLANCE

- 24 hour manned security, CCTV and intruder alarms
- 24 hour on site Network Operations Centre (NOC)
- 1MW generator
- N+1 air conditioning systems
- Dual zone fire detection and FM200 suppression system
- Up to 63A MCCBs within PDUs
- Dark fibre capability and diverse fibre entry
- Carrier neutral
- 2 x 500 KVA UPS (N+1)
- Controlled environment – room temperature 24°C +/- 2°C
- 12 kN/m² raised floor system – 600mm void



NOTTINGHAM

Our Nottingham data centre is situated to the west of the city, less than half a kilometre from the main commercial and shopping district.

It offers 410 m² (4,445 ft²) of high quality, resilient and secure space.

NOTTINGHAM KEY FEATURES AT A GLANCE

- 24 hour manned security, CCTV and intruder alarms
- 24 Hour Network Operations Centre (NOC)
- 800 KVA generator
- N+1 air conditioning systems
- Dual zone fire detection and FM200 suppression system
- Up to 63A MCCBs within PDUs
- Dark fibre capability and diverse fibre entry
- Carrier neutral
- 2 x 500 KVA UPS (N+1)
- Controlled environment - room temperature 24°C +/- 2°C
- 0.75 kW/m² cooling density
- 12 kN/m² raised floor system – 600 mm void



LEICESTER

Our Leicester data centre is situated one kilometre north-west of the city.

It offers 620 m² (6,696 ft²) of high quality, resilient and secure space across two data halls.

- Data Hall 1 = 300 m² (3,239 ft²)
- Data Hall 2 = 320 m² (3,457 ft²)

LEICESTER KEY FEATURES AT A GLANCE

- 24 hour security, CCTV and intruder alarms
- 24 Hour Network Operations Centre (NOC)
- 1 MW generator
- N+1 air conditioning systems
- Dual zone fire detection and FM200 suppression system
- Up to 63A MCCBs within PDUs
- Dark fibre capability and diverse fibre entry
- Carrier neutral
- 2 x 500 KVA UPS (N+1)
- Controlled environment - room temperature 24°C +/- 2°C
- 0.75 kW/m² cooling density
- 12 kN/m² raised floor system – 600 mm void



GOSPORT

Our data centre in the Gosport area of Hampshire, offers 631m² (6,789 ft²) of high quality, resilient and secure space.

GOSPORT KEY FEATURES AT A GLANCE

- 24 x 7 environmental monitoring systems
- 24 hour manned security, CCTV and intruder alarms
- 1 x 700 KVA generator
- 4 x 160 KVA UPS (N+1) + 3 x 160 KVA UPS
- Dark fibre capability and diverse fibre entry
- Controlled environment – room temperature 24°C +/- 2°C
- N+1 redundant HVAC system
- Diverse fibre routing via multiple carriers
- On-site technical engineers 24 x 7
- Scalable architecture including multiple redundant core switches and routers



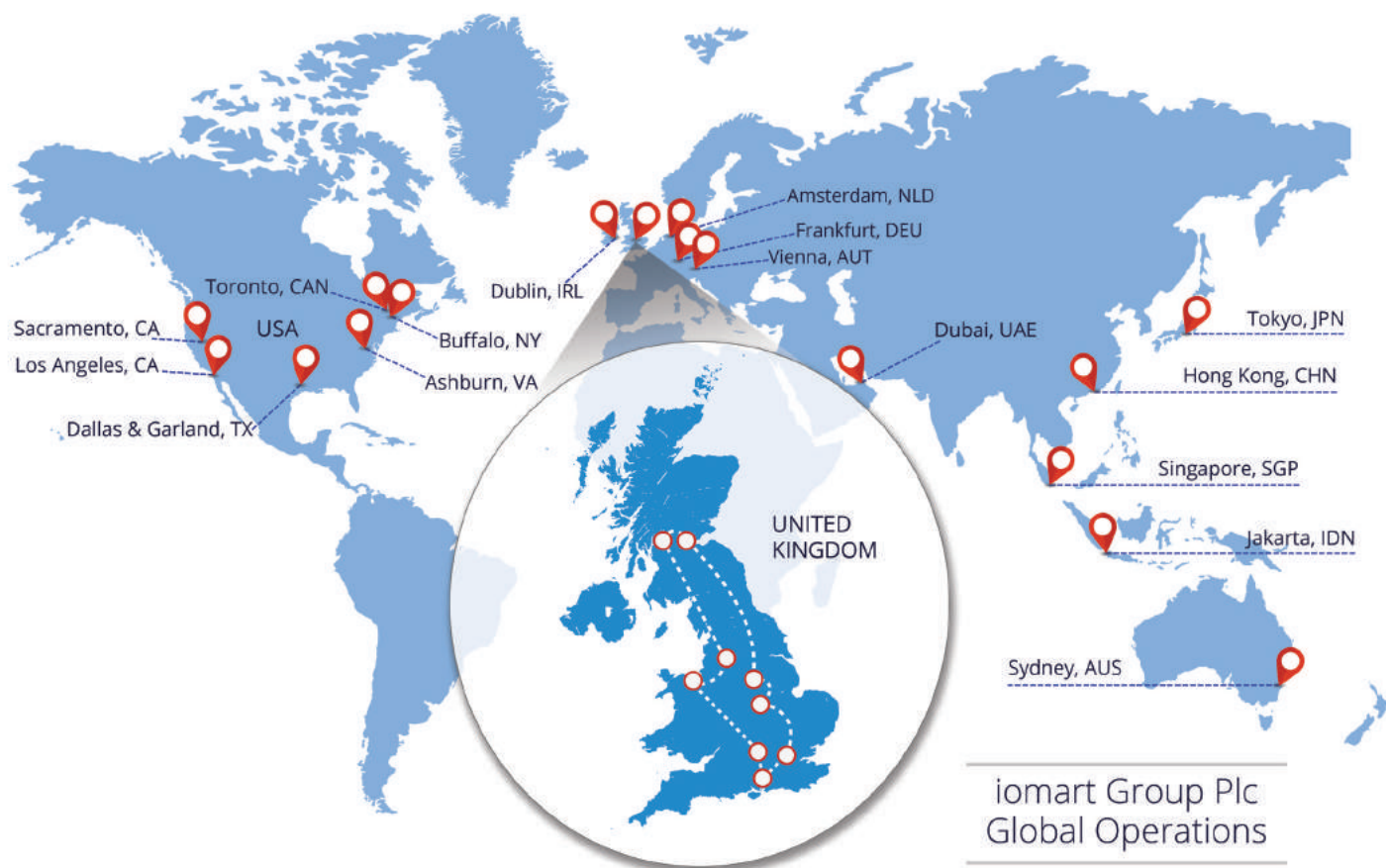
ST ASAPH

Our data centre in St Asaph, North Wales, offers local colocation and managed disaster recovery services with resilient high speed connectivity for Wales and the north west of England.

ST ASAPH KEY FEATURES AT A GLANCE

- 24 x 7 environmental monitoring systems
- 24 hour security, CCTV and intruder alarms
- 1 x 165 KVA generator
- 80 KVA UPS (N+1)
- Dark fibre capability and diverse fibre entry
- Controlled environment – room temperature 24°C +/- 2°C
- N+1 redundant HVAC system
- Fully redundant air handling units provide constant fresh airflow
- Diverse fibre routing via multiple carriers
- On-site technical engineers 24 x 7
- Scalable architecture including multiple redundant core switches and routers

A global data centre network for a cloud enabled world



Mission-critical hosting from iomart

iomart has invested millions of pounds over two decades to create a secure and reliable data centre infrastructure to support your mission-critical hosting requirements and enable you to take advantage of the huge growth in cloud computing wherever your business is located in the world.

We own and operate data centres at eight locations in the United Kingdom and have multiple Points of Presence around the globe, all backed by our guaranteed service levels.

Our ISO accredited data centres in the UK are in: London, Maidenhead, Manchester, Glasgow, Nottingham, Leicester, Gosport and St Asaph, Wales. They are connected by almost 2,000km of private fibre, enabling large scale virtualisation, distributed storage and multi-site disaster recovery. Each facility has industry-leading infrastructure, is N+1 in design and is permanently staffed 24 x 7. Your data is held securely within UK sovereign territory.

Our global Points of Presence – from North America, through EMEA, to APAC – give your business the ability to expand its international presence and connect through the world's busiest communication hubs.

EMEA Data Centres



AMSTERDAM

Our data centre facility in Amsterdam offers secure support and high performance network connectivity for data traffic in the Netherlands.

Security: 24 x 7 x 365 security, PIN and card readers, biometric. **Power:** 1.5 MVA, redundant diesel generation. **Environmental:** N+1 cooling, fire suppression system, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** ISO 9001.



DUBLIN

Our data centre facility in Dublin, Ireland, offers diverse, high capacity fibre connections to Tier 1 carriers across Europe.

Security: 24 x 7 x 365 security, CCTV. **Power:** 600 KVA, redundant diesel generation. **Environmental:** N+1 cooling redundancy, fire suppression system. **Connectivity:** Level 3, Tiscali, NIEIX Connectivity. **Accreditations:** ISO 27001, PCI DSS.



FRANKFURT

Our data centre facility in Frankfurt am Main, Germany, is next to the world's largest internet node, DE-CIX, and offers high level security and connectivity.

Security: 24 x 7 x 365 security, biometric access, intrusion detection system. **Power:** 1 MVA, 100% renewable energy, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression. **Connectivity:** Carrier neutral. **Accreditations:** ISO 27001.



VIENNA

Our data centre facility in Vienna, Austria, provides optimum power as well as a high level of security and connectivity.

Security: 24 x 7 x 365 security, biometric access, CCTV. **Power:** 1 MVA, redundant diesel generation, UPS. **Environmental:** N+1 redundant cooling, fire suppression system, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** ISO 9001 and ISO 27001.



DUBAI

Our data centre facility in Dubai houses the UAE Internet Exchange and is a connection hub for the Middle East, north and east Africa and west India.

Security: 24 x 7 x 365 onsite security, biometric readers, motion detection. **Power:** 7 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression system. **Connectivity:** Carrier neutral. **Accreditations:** ISO 9001, ISO 27001, PCI DSS, OHSAS 18001, SSAE16/SAE3402 SOC-1 Type II, SOC-2 Type II.

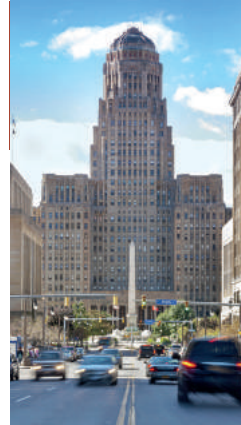
North American Data Centres



ASHBURN

Our data centre facility in Ashburn, Virginia in the United States of America, is located in one of the world's busiest communications hubs.

Security: 24 x 7 x 365 security, multi-factor identification, multi-level security zones. **Power:** 14.4 MVA, redundant diesel generation, UPS. **Environmental:** N+2 cooling redundancy, fire suppression system. **Connectivity:** Carrier neutral. **Accreditations:** SSAE 16, PCI DSS, FISMA, HIPAA, LEED Gold, EPA ENERGY STAR



BUFFALO

Our data centre facility in Buffalo, New York State, uses renewable hydro-electric power from Niagara Falls.

Security: 24 x 7 x 365 security, biometric and card access security controls, electronic monitoring of security and environmental. **Power:** 1.44 MVA, 100% renewable energy, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression. **Connectivity:** TeliaSonera, XO Communications, Hibernia Networks and Zayo. **Accreditations:** SSAE 16, PCI DSS, HIPAA.



CHICAGO

Our data centre facility in Chicago, Illinois, offers connectivity for businesses across the north of the US.

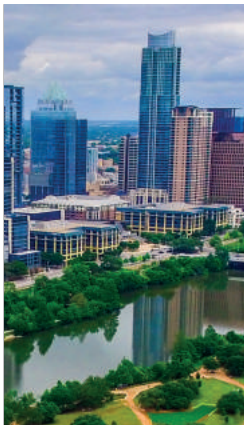
Security: 24 x 7 x 365 onsite security, biometric readers, electronic monitoring of security and environmental. **Power:** 36.4 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy. **Connectivity:** GTT, SCNET. **Accreditations:** SSAE 16, PCI DSS, HIPAA



DALLAS

Our data centre facility in Dallas, Texas, connects to a network that is especially tuned to serve South America.

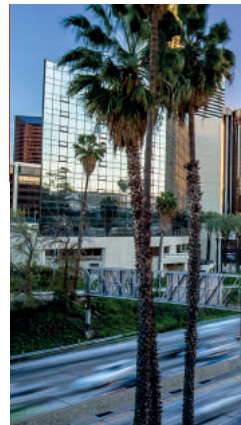
Security: 24 x 7 x 365 onsite security, biometric readers, card access. **Power:** 11.1 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression. **Connectivity:** Zayo, TierPoint, TeliaSonera, XO Communications. **Accreditations:** SSAE 16, PCI DSS, HIPAA.



GARLAND

Our data centre facility in Garland, Texas, supports multi-megawatt deployments and is optimised for application performance and systems availability.

Security: 24 x 7 x 365 onsite security, multi-factor authentication, multi-level security zones. **Power:** 80 MVA, redundant diesel generation, UPS. **Environmental:** 2N+2@ cooling redundancy, fire suppression, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** SSAE 16, PCI DSS, FISMA, HIPAA+, LEED GOLD, EPA ENERGY STAR.



LOS ANGELES

Our data centre facility in Los Angeles, California, offers the lowest possible latency and highest possible throughput to Asia and Australia.

Security: 24 x 7 x 365 onsite security, two-factor authentication, biometric and card access, CCTV monitoring. **Power:** 27 MVA, redundant diesel generation, UPS. **Environmental:** Cooling redundancy N+1, fire suppression. **Connectivity:** Fully redundant native 10GE network, GTT and Zayo. **Accreditations:** SSAE 16, PCI, HIPAA+, Microsoft Certified.



SACRAMENTO

Our data centre facility in Sacramento is in a seismically stable area of California and is housed within the most advanced data centre campus in the state.

Security: 24 x 7 x 365 onsite security, multi-factor identification, multi-level security zones. **Power:** 14 MVA, redundant diesel generation, UPS. **Environmental:** N+2 cooling redundancy, fire suppression, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** SSAE 16, PCI DSS, LEED Gold, EPA ENERGY STAR certified.



TORONTO

Our data centre facility in Toronto provides easy access to Canada's largest economic area and extensive interconnection with other peer networks.

Security: 24 x 7 x 365 security, RFID and biometrics, CCTV. **Power:** 13.8 KVA, Redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression, VESDA. **Connectivity:** Tata Communications, Level3, TiNET, Cogeco Data Services, and peering via the Toronto Internet Exchange (TorIX).

APAC Data Centres



HONG KONG

Our data centre facility in Hong Kong is located in an international communications and financial hub providing faster interconnects for business.

Security: 24 x 7 x 365 security, biometrics, CCTV. **Power:** 24 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression system, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** ISO 20000, ISO 27001, ISO 9001, ISO 14001, CMMI-SW Level 5, Uptime Institute certificate for Tier 3, LEED Platinum Certification.



JAKARTA

Our data centre facility in Jakarta offers a resilient and secure facility in Indonesia with connections to major national and international carriers.

Security: 24 x 7 x 365 security, biometrics, CCTV. **Power:** 2 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, VESDA, fire suppression. **Connectivity:** Carrier neutral. **Accreditations:** ISO 9001.



SINGAPORE

Our data centre facility in Singapore is the most network-dense facility in the region and offers access to one of the three GRX peering points worldwide.

Security: 24 x 7 x 365 security, biometrics, PIN and card readers. **Power:** 15 MVA, redundant diesel generation, UPS. **Environmental:** N+1 cooling redundancy, fire suppression, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** SSAE 16/ISAE 3402 SOC 1 Type, ISO 27001, PCI-DSS.



TOKYO

Our data centre facility in Tokyo, Japan, is a state-of-the-art facility which is located within a network hub for international and major local carriers.

Security: 24 x 7 x 365 onsite security, IC card reader, biometrics. CCTV. **Power:** 15 MVA, gas turbine generation, UPS. **Environmental:** N+1 cooling, fire suppression, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** ISO 27001



SYDNEY

Our data centre facility in Sydney, Australia, is favoured by enterprise business and offers comprehensive interconnection to multiple network carriers.

Security: 24 x 7 x 365 onsite security, biometrics, CCTV. **Power:** 36 MVA, redundant diesel generator, UPS. **Environmental:** N+1 cooling redundancy, fire suppression system, VESDA. **Connectivity:** Carrier neutral. **Accreditations:** LEED Silver (targeted)

iomart

Around the World

Wherever you do business across the globe iomart provides the infrastructure and connectivity to support your international ambitions.

Our services are available through enterprise grade data centres in the major communications hubs in North America, Europe, the Middle East and Asia-Pacific territories, connecting your business to a huge range of carrier neutral Tier 1 networks, and backed by our 24x7 technical support and 99.999% uptime guarantee.

iomart is proud to be the most accredited managed hosting and cloud services provider in the UK. We operate to the highest industry standards so you can take advantage of the huge growth in cloud computing wherever your business is located in the world.

Let iomart assist your global expansion.

 <p>UKAS Accredited ISO 9001:2015 Quality Management System</p>	 <p>APMG Accredited ISO 20000:2011 IT Service Management System</p>	 <p>UKAS Accredited ISO 22301:2012 Business Continuity Management System</p>	 <p>UKAS Accredited ISO 14001:2015 Environmental Management System</p>
 <p>UKAS Accredited ISO 27001:2013 Information Security Management System</p>	 <p>PCI DSS COMPLIANT</p>	 <p>Certified NCSC Cyber Essentials</p>	 <p>UKAS Accredited ISO 50001:2011 Energy Management System</p>
 <p>Incorporated ISO 27014:2015 Storage Security Guidelines</p>	 <p>PSN Public Services Network CONNECTION CERTIFIED</p>	 <p>PSN Public Services Network SERVICE CERTIFIED</p>	 <p>Registered ico. Information Commissioner's Office</p>
 <p>Incorporated ISO 27017:2015 Information security controls on cloud service Code of practice</p>	 <p>ITAR Registered International Traffic in Arms Regulations</p>	 <p>AICPA SOC</p>	 <p>Incorporated ISO 31000:2009 Risk Management Principles and Guidelines</p>
 <p>Incorporated ISO 27018:2014 Protection of Personal Identifiable Information Code of practice</p>	 <p>Incorporated ISO 27032:2012 Cybersecurity Guidelines</p>	 <p>Incorporated ISO 17789:2014 Cloud Computing Reference Architecture</p>	 <p>Incorporated ISO 38505:2017 Governance of IT Governance of data</p>

For further details

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