Telehouse **Moscow**

Location: 11 Sharikopodshipnikovskaya St, Building 8, Moscow, 115088, Russia

Telehouse Moscow

Telehouse Moscow is the first Russian data center to be provided and managed by a globally trusted brand. It is strategically located in the center of the capital, within a 6,200 sq m colocation facility, the only Tier III design and facility certified site of its kind in Eastern Europe. A carrier neutral data center with a meet-me-room and connected to the M9/M10, Telehouse Moscow is well positioned to ensure your business can grow within this now accessible emerging market. Multinational corporations will be able to deploy Telehouse Moscow as a primary or secondary site for business-critical applications with access to multilingual remote hands staff and guarded by highly impressive security levels making it the most secure commercial data center in Russia.

With the second highest number of internet users in Europe at 65 million and an IT market predicted to grow by at least 15% over the coming years - Russia is a key emerging market that can not be ignored.

The awaited growth of local and international businesses in Russia, especially in Moscow, has transformed the city into a key data center hub.

In partnership with local colocation provider Dataspace, Telehouse has launched its first data center in Moscow. Managed by European Headquarters in London, flexible SLA's and pricing structures can be designed based on customer needs.

Operated by data center professionals and partnered with industry leaders, Telehouse Moscow is the ICT gateway to expand your business into the largest country in the world.

Colocation:

- Rack colocation - customer's equipment is installed in 19-inch individually locked cabinets within shared facility management. Caged colocation can be provided on larger requests.

Power:

- Standard power to rack at 4kW
- 8.5 MW total power to building
- 6 x 6kV incoming power
- 6 independent transformers
- 6 fully automated generators (N+1)

- 6 fuel tanks (84 hrs)
- 6 redundant UPS supplies (N+1)
- 10 min battery back-up time per module
- LV N 1, A&B each data hall 400V via dual busbar system
- Design target: 1.5 PUE rating at full load

Environment and Air Conditioning:

- 5.4 MW cooling
- Room cooling units design: Chilled Water Type (N+1)
- 8 Chillers + 8 DACs cooling technology
- 5 CRAC units per hall (N+1)
- Hot/Cold aisle containment
- Operating conditions maintained at: chillers -35°C to +35°C, dry coolers -35°C to +10°C

Connectivity:

- Carrier neutral facility offering customers freedom of choice
- Access to key network operators including Orange, Mastertel, Beeline, Megafon and KDDI
- Access to CIREX which can connect clients to any M point in Moscow, including M9 and M10 providing access to over 300 telecom providers
- 2 dedicated 100mm conduits from MMR to each data hall
- Meet-me-room onsite with 20 carrier spaces

Fire Detection and Suppression:

- VESDA (Very Early Smoke Detection System)
- Fully monitored automated detection and fire alarming system
- NOVEC 1230, under floor and overhead fire suppression
- Fire rating - 2 hour rated walls, ceilings, floors

Security Systems:

- Central alarm monitoring with optional rack monitoring service
- 3 metre security fence
- Barrier controlled car access
- The building is covered by 120 cameras in total mounted to provide 360° view
- All corridors, access doors and other critical areas are covered by CCTV cameras with motion detection and DVR recording kept for a minimum of 3 years
- Minimum six 24/7 onsite security staff
- Entry to critical equipment areas including security station, control center and corridors is controlled by a combination of access card reader and IRIS scanner systems
- All data halls are controlled by access card reader and biometric hand scanner
- Single point of entry system with mantraps

Additional Specifications:

- Steel framed building construction
- 12.5 kN/sq m raised floor design load
- Water leak detection system

Additional Services:

- 2,200 sq m offices for Disaster Recovery/IT staff
- 24/7 remote hands services
- KDDI manage all on-site connectivity, managed services and technical support with multilingual staff

Designing The Future
KDDI

Home to your global ICT solutions

Telehouse now offer full end-to-end ICT solutions from design to implementation such as IP connectivity, system integration, LAN and software installation, system monitoring and virtual servers as well as premium data centers.

Speak to a member of our sales team regarding your requirements and we will propose the right solution for you. Telehouse can also assist in improving the efficiency of your existing IT infrastructure and the management of a comprehensive IT migration plan.

Contact our Sales Team:

Telehouse International Corporation, Coriander Avenue, London, E14 2AA

T: +44 (0) 207 512 0550
E: sales@uk.telehouse.net
W: www.telehouse.net