Moscow South Campus

IXcellerate is a leading carrier-neutral data center operator that provides scalability and redundancy for your business growth across two campuses in Moscow.

As a leading commercial data center operator in Russia with a 10-year history, we are proud to invite you to our new campus: IXcellerate Moscow South. It unites several data centers across 34 acres (14 ha). Once fully developed, the total power capacity of the campus will reach 247 MW ready to house over 17 000 racks. The first phase of the MOS5 data center is already commissioned!

IXcellerate facilities are designed to accommodate modern high-load servers and infrastructure for ultra-dense computing in accordance with the Tier III reliability level.

With the construction of IXcellerate Moscow South we are doubling down on power efficiency and sustainability, reducing the footprint of the embodied carbon. Focusing on green tech and repurposing materials, IXcellerate aims to deliver industry leading design PUE of 1.3.

Connectivity-wise, customers of Moscow South will be able to connect to over 200 networks, enjoying access to a vast digital ecosystem of cloud and technology companies including IXcellerate's own Internet exchange platform Eurasia Peering.

4	**14 ha**	**247 MW**	**50+**
Data centers	Campus size	Total power	Carriers

IXcellerate Moscow South campus features

Location
- Within Moscow metro area
- 27 km to the nearest airport
- Accessible by public transport and inner city trains
- 30 km to the IXcellerate Moscow North Campus
- Less than 9 km distance to MSK-IX

Facility
- Data centers: MOS5, MOS6, MOS7, MOS8
- Total rack capacity: 17 400
- MOS5 rack capacity: 4700
- Project PUE: 1.3
- Hypercloud-ready infrastructure
- Adherence to PCI DSS and Tier III standards

Power
- MOS5 total power: 60+ MW
- 2N UPS power with 99.982% SLA
- Diverse power supply routes from city grid
- Centralized N+1 standby diesel generators

Cooling
- N+1 redundancy
- In-row cooling
- Highly efficient cooling systems
- ASHRAE-ready
- Leak detection system

Physical security
- 6 levels of physical security
- 24/7 dedicated onsite security team
- Non-contact biometric access system
- CCTV with motion detectors
- Airlocks, speed stiles, mantraps
- Strict access and authorization policies and procedures

Fire suppression
- Early smoke detection system (spectral analysis of air)
- Integrated fire alarm and annunciation system
- Local fire suppression using automated water mist system or safe gas agent NOVEC 1230
- Mobile local fire suppression (50 m firehoses)

Sustainable technologies onsite
- Deployment of repurposing materials
- Utilization of excess heat and rain water
- Use of thermal springs and heat pumps
- Highly energy-efficient critical infrastructure
- Waste separation and collection

Services

Colocation
- Scalabe deployment: from 1 rack to a dedicated data hall for 500+ racks
- Installations in dedicated caged areas and suites (slab-to-slab, roll shutters)

Ultra high power density solutions
- Up to 20 kW per rack
- Modular design
- Hot aisle containment

Customer Support
- 24/7/365 client service desk
- Remote hands
- Zendesk customer portal
- Ticket response time <15 minutes
- Multi-language support
- Customized reports and audits

Auxiliary services
- Large office and storage facilities with designated cargo routes and oversized doors
- Protected parking lot
- Disaster recovery office and board rooms
- Fully equipped workplaces for the technical support team

Connectivity & Ecosystem
IXcellerate data centers are neutral and offer a fully-fledged ecosystem of telecom operators, system integrators, cloud service providers and internet exchange platforms. We provide value and choice to help our customers meet their strategy by being a one-stop service for any IX and telecom needs.
- Over 50 telecom operators with high-speed Internet access and low latency
- Multiple independent fiber Points of Entry
- Inter- and intra-campus connections
- Meet-me-rooms
- Access to multiple IX platforms, including Eurasia Peering

IXcellerate Moscow South campus map

ENERGY CENTER

ENERGY CENTER

Client area and security checkpoint

MMR A

MMR B (reserve)

Phase 1

Phase 2

Phase 3

Phase 4

Phase 5

Warehouse

Offices

Client center "Windmill"

P

P

КПП

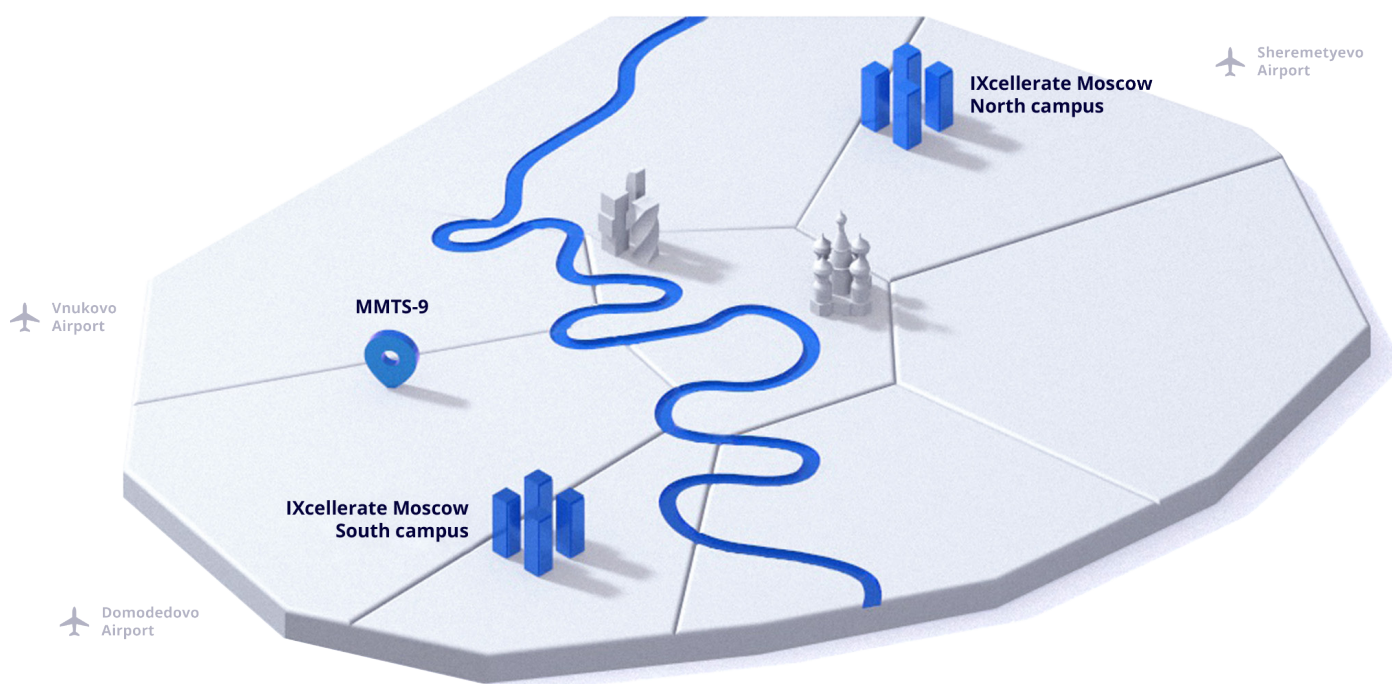|		
🔴 Building entrance		🍴 Kitchen
◄─ ─ ─► Navigation route		➕ First aid kit
Loading area		Fire escape
Construction area		Emergency gathering point
⊗ Turnstile/Biometric door		WC Restroom
P Parking spots		

We are trusted by

Facilities

IXcellerate Moscow North Campus
Data centers: MOS1, MOS2, MOS3, MOS4
Total power: 68 MW
Rack capacity: 6000

IXcellerate Moscow South Campus
Data centers: MOS5, MOS6, MOS7, MOS8
Total power: 247 MW
Rack capacity: 17 400

Contacts

IXcellerate Moscow North
Altufievskoe shosse 33G, 127410, Moscow

IXcellerate Moscow South
Podolskikh kursantov 15B, 117997, Moscow

+7 (495) 800-09-11
sales@ixcellerate.ru
www.ixcellerate.com