

ATHEX Colocation Services

ATHEX Data Center Infrastructure

The **ATHEX Data Center** has been designed considering the most stringent international and implementation standards and is compatible with the basic design principles of the Tier-4 standard.

Our services are provided from two Data Centers (Main & Disaster Recovery Site), which operate as Active-Active.



Among ATHEX Data Center key features include



High and rigorous levels of physical security



High availability rates to ensure high levels of systems uptime



Infrastructure redundancy through the symmetrical construction of two fully independent but interconnected Data Centers



ATHEX provides Points of Presence in London, UK

Infrastructure Administration

Specialized tools monitor and control the functionality of the Data Center's infrastructure on a continuous basis.

More specifically, we monitor:



Telecommunications and leased circuits



Networks, Systems and Applications



IT Security



Physical Security (24x7 security staff)

Environmental Characteristics



Fire safety



Standard environmental conditions.
Temperature: maintained between 23°C +/- 2°C
Humidity: maintained between 40% and 60% RH



Power Generators



UPS sustain regulated power



ATHEX Colocation Services can support clients with virtual and/or physical infrastructure.

ATHEX can assist in the design, development, implementation, installation, and hosting of client's needs within the ATHEX Data Center Infrastructure.

In addition, it can provide for the necessary Systems Administration & Operation (e.g., technical management, maintenance & operation services).

ATHEX can provide clients with:

- Space within racks
- Entire, fully equipped racks
- Cages of separately assigned physical space ("Footprint")



ATHEX has successfully carried out the certification of its Business Continuity Management System (BCMS) according to the International Business Continuity Standard ISO22301:2012/2019, since 2014.

The ATHEX Data Center is a network-neutral data center.

Clients have the option to connect with multiple telecommunications carriers, while enjoying other value-added services offered by the ATHEX, all according to client's specific requirements.

The main benefits of using ATHEX's Data Center include:

- Proximity services with the Exchange's Matching Engine and ATHEX peripheral systems (clearing, data feed, etc.)
- Low latency for market participants
- Fast trading
- Highly qualified staff with proven experience & expertise in Design, Installation, Management and Operation of Data Centers specializing in financial services
- Modern design and architecture of the infrastructure
- High performance & availability of services
- Systems scalability
- Business continuity/Disaster recovery implementation
- The provision of Business Continuity Seats if client is not able to access their main premises
- Cross Connects (x-Connections), providing direct access to thousands of network providers and firms within and between ATHEX Data Centers