

## INTRODUCTION TO ATHEX PROXIMITY/COLOCATION SERVICES

### PROXIMITY & COLLOCATION SERVICES

**PROXIMITY**  
services  
closer to the source  
patch directly to the market system



Athens Stock Exchange (ATHEX) provides to Data Vendors:

- **Full Hosting & Co-location Services**

Design, development / implementation, installation and hosting of all or part of the information systems infrastructure of Data Centers

- **Systems Administration & Operation**

Provision of the necessary services in technical management, maintenance & operation on the premises of Athens Stock Exchange (ATHEX)

- **Data Vendors** may install its servers in ATHEX Data Centers and achieve proximity for **both Athens and Cyprus Markets**

# ATHENS STOCK EXCHANGE (ATHEX) COLLOCATION SERVICES

## SUCCESSFUL PERFORMANCE

A number of Data Vendors use the Athens Stock Exchange Data Centers for Collocation/Proximity services

## MAINTENANCE SERVICES PROVIDED

- On-going building maintenance
- Data center infrastructure maintenance

## FULLY REDUNDANT DESIGN: 2N + 1

2N+1 redundancy standards in each Facility of the following areas: UPS, Power generators, HVAC systems. All main support system have 2(N+1) avoiding fault maintenance

## CONNECTIVITY MEANS

- Leased Lines
- Internet & VPN
- International Extranets



## CONTACT DETAILS

For further information concerning the ATHEX Collocation Services, please contact:



### ❖ ATHEX Data Feed Services

Market Operation & Members Support Division

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## MAIN CHARACTERISTICS OF ATHEX COLOCATION SERVICES

<b>UNINTERRUPTED POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>● Uninterrupted power supply: 230/380 Volts</li> <li>● Consumption of electrical power: &lt; 1.5 KVA per rack</li> </ul>	<b>CONTROLLED TEMPERATURE WITHIN SPECIFIC LIMITS</b>	<ul style="list-style-type: none"> <li>● Appropriate temperature level: 21<sup>o</sup> C+/-20 C</li> </ul>
<b>CONTROLLED HUMIDITY LEVEL</b>	<ul style="list-style-type: none"> <li>● Appropriate humidity level: 50% +/- 15%</li> </ul>	<b>CRITICAL DATA CENTER SYSTEMS</b>	<p>All critical systems are regularly maintained including:</p> <ul style="list-style-type: none"> <li>● Generators</li> <li>● UPS/PDU Systems</li> <li>● HVAC Chillers</li> <li>● Fire Detection Systems</li> <li>● Electrical Systems</li> </ul>
<b>GENERAL BUILDING SYSTEMS</b>	<p>Includes <b>maintenance of all building systems within the common areas of the Data Center</b>, such as:</p> <ul style="list-style-type: none"> <li>● Electrical distribution</li> <li>● HVAC</li> <li>● Plumbing</li> <li>● Elevator</li> </ul>	<b>SECURITY SYSTEMS MAINTENANCE</b>	<p>Includes <b>maintenance of the security systems</b>, such as:</p> <ul style="list-style-type: none"> <li>● Surveillance Cameras</li> <li>● Entrance Gate</li> <li>● Other miscellaneous security systems within the Data Center</li> </ul>