



NXDATA – 1 Data Center COLOCATION-4 Data Room

Dimitrie Pompeiu 8, Blvd., Bucharest 020337, Romania



A member of International Data Center Group



About NXDATA

NXDATA is a Romanian company specialized in data center operations, data center design, building and maintenance. With more than 10 years of expertise, NXDATA is the Romanian market leader in the data center operations. We are providing data center services for large telecom companies like AT&T, Belgacom, Cogent, COLT, Deutsche Telekom, Global Crossing, Hurricane Electric, Level3, Orange, OTE Globe, Telekom Austria, Telecom Italia, Turk Telekom, Telia Sonera, VeriSign, Vodafone and many others.

NXDATA is hosting also many important local IT&C services providers like Asseco SEE, Euroweb, Hostway, GTS Telecom, Omnilogic, Romtelecom, Star Storage and many others who placed their equipment of Bucharest POP's in NXDATA-1 and NXDATA-2 modern facilities. With SLA's exceeding 99,999%/year, NXDATA is delivering 24x7 data center services for telecom media and enterprise companies with critical requirements for their business continuity, security and network latency.

The presence of local, regional and major world-wide telecom carriers with a total of over 70 fiber optic cables connected by underground redundant paths are making NXDATA one of the densest telecom facility in Eastern Europe regarding the telecommunications providers' presence and the access to large international networks and fiber pipes.

NXDATA was founded in the year 2000. We are currently employing a team of 45 people, including Mechanical & Electrical, Data Center Operations and cabling departments.

Our company is certified by ISO-9001 standards. We are members of the industry alliance, **International Data Center Group** (www.idc-g.com), the global association of carrier neutral data centers placed in strategic locations around the world.



Data Center location / COLOCATION-4 / NXDATA-1

NXDATA services are delivered in two locations: NXDATA-1(Feper building) and NXDATA-2 (Upground building) at Dimitrie Pompeiu Blvd. number 8 and 6-A. Distance between sites is 500m. The two data centers are located on top of a private FO ring (for off-site x-connects) and also connected to the metropolitan fiber optic infrastructure (Netcity) with diverse entries in each location.

Following a new strategic expansion in Feper building, the new NXDATA-1, COLO-4 data room featuring advantages like:

- Highly secured underground facility (thickness of **0,6m** of reinforced concrete walls);
- Net data room space: **200 sqm** with isolated cold/hot isles;
- Maximum load on ground floor: **2000 kg/sqm**;
- Diverse entries for fiber telecommunications optic cables with over 50 carriers on site (www.nxdata.ro/carriers);
- Availability of **600kVA** of electrical capacity via Feper building transformers (2 x 1,6MVA capacity), backed up by a **2N configuration of 2 x 600kVA** Diesel electric generators;
- SOCOMEC, high efficiency **2 N** UPS's with **dual-string batteries** configuration for uninterrupted power backup, with minimum **20 min of autonomy** at full load (max 2 x 400kVA);
- **VESDA** fire detection and fire extinguishing systems;
- Rooftop space available for placement of radio-links;
- Advanced **BMS** monitoring systems, 24/7 on site manned presence;
- **10 minutes**, fast response time for “remote-hands” operation on 24/7 basis;

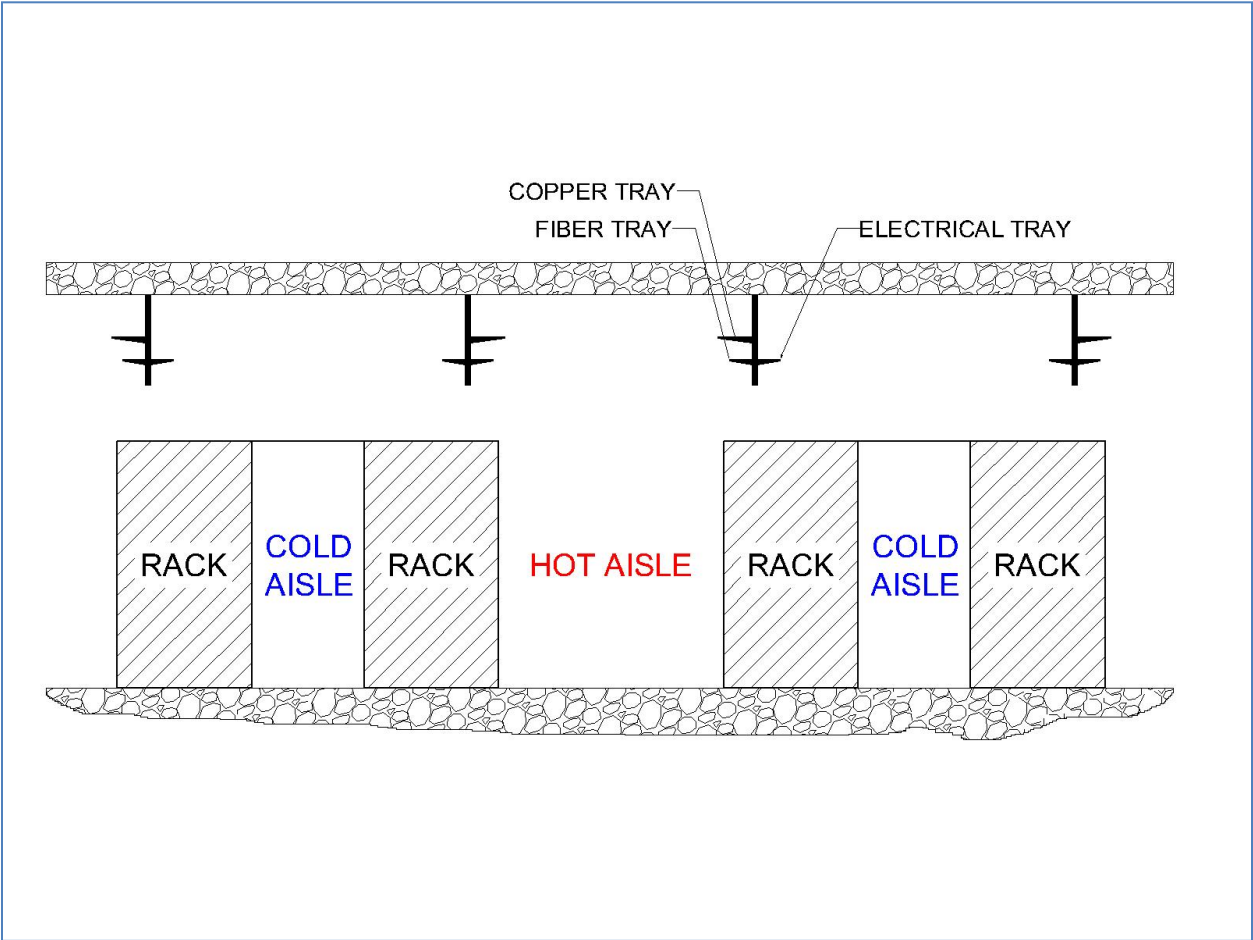


General view of the data centre infrastructure

NXDATA-1 is located in two buildings, at 8, Dimitrie Pompeiu Blvd. address. Within FEPER building, a total of 1500sqm is leased until 2022 on 3rd floor (green area). A second expansion room, known as **COLO-4** (red area), located at the underground of the FEPER Hall is currently available for providing data center services to customers with critical requirements for resiliency and security.

Fitting and building considerations

Due to relatively high height of the available space we designed the COLO-4 data room without **raised floor**. This is insuring a high level of protection of the data room racks against seismic movements. No other solution with raised floor can compete with this design. The separation walls structure is based on fire proof, “**sandwich-panel**” structure with a very good fire and thermal insulation. All doors are fire-proofed. Electrical cables and communications cooper cables are installed in metallic trays bellow the ceiling. Fiber optic and cooper data cables will are installed separately, in dedicated trays.



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