

# NXDATA

## (NXDATA, carrier neutral colocation facilities)

- **Net DC space:** 1000mp (NXDATA-1: 600mp, NXDATA-2: 400mp)
- **Total electrical power capacity** (both sites): 3,23MVA
- **Service Level Availability:** over 99,999% (since 2003). Electrical system designed for concurrent maintenance.
- **Certifications:** ISO-9001:2008, ANRE certification for implementing electrical systems up to 0,4kV.
- Operators with access to NXDATA`s underground conduits as well as to the metropolitan underground network: 50 – for the complete list, visit [www.nxdata.ro/carriers](http://www.nxdata.ro/carriers) . Internet Exchanges: Balcan-IX (Romtelecom), InterLAN, RoNIX și BalkanIX (Bulgaria).
- **Virtualisation:** NXDATA gathers multiple virtualization solutions providers.
- **Power:**  
NXDATA-1: Diesel generators: 2 x 600kVA, 12 hours autonomy / two modular UPS systems (A and B) active simultaneously, 2N redundancy, 2 x 300kVA capacity. 15 minutes autonomy.  
NXDATA-2: Diesel generators: 2 x 1015kVA, 24 hours autonomy / two modular UPS systems (A and B) active simultaneously, 2N redundancy, bypass capacity: 2 x 800kVA. Available UPS systems: 2 x 400kVA. *Dual string* battery configuration. 60 minutes autonomy.

- **Cooling:** High precision cooling systems, total capacity of 400kW(NXDATA-1), 425kW(NXDATA-2), N+1 redundancy. Cold aisle containment.
- **Fire protection systems:**
  - NXDATA-1: Advanced VESDA (*Very Early Smoke Detection Apparatus*) smoke detection system. FirePro agent-based and CO<sub>2</sub> fire suppression systems.
  - NXDATA-2: Smoke and temperature detection sensors. CO<sub>2</sub> fire suppression systems.
- **Administration tools:** DCIM (*data center infrastructure management*) system, 24x7 critical systems availability and PUE optimization (*power usage effectiveness*). Temperature and electrical power consumption monitoring at rack level. **Physical security:** Person ID & access control, access card and biometric access system. Loading and unloading dedicated area. Anti-seismic bolting for all rack units and critical equipments.
 

CCTV monitoring, alert systems, anti-theft sensors for the underground optical fiber infrastructure.
- **Services:**
  - Colocation services (*wholesale colocation* type); rack-space, cage or dedicated suite availability, power usage monitoring, *remote-hands* services, cabling and equipment installation services.
  - Evaluation, design, construction and management for DCs.
  - Global access to partner data centre companies, through the **IDC-G** ([www.idc-g.com](http://www.idc-g.com)) alliance network.
- **Available personnel:** 24x7 *on site* technical monitoring team, M&E team.
- **Contact:** email: [sales@nxdata.ro](mailto:sales@nxdata.ro) , call us on 40 021-204-3020, [www.nxdata.ro](http://www.nxdata.ro)