NRB Telecom Limited

Your Reliable Collocation Partner

Mission

NRB Telecom Limited, with its several years of global experience & expert engineers in the voice and data industry, built the state-of-the-art collocation center in the country. Based in Canada, NRB Telecom expanded its operations in Bangladesh in 2012 to meet the ever growing demand of new businesses including ICX, IGW, IIG as well as data-centric organizations in the corporate sector, Internet-related businesses, and international organizations with requirements of Disaster Recovery and Redundancy.

Vision

We want to look our company as the largest Data Center Provider in South Asia with fulfill of customer's needs, providing huge facilities, flexibilities & maximum benefits for the customers. As well as now we are focusing on to become a professional *software* development *firm* that brings value to our valuable customer by creating quality *software*.

License

NRB Telecom Limited has started it's business in 2011 getting License from BTRC & is incorporated as private limited company in 2011

Manpower

NRB Telecom Limited hired professionals, skilled, expert engineers, programmers and technicians according to international standard quality.

At a glance

NRB Telecom Limited is a Colocation Center which is built in a convenient location in the city. We provide facilities including:

- Lockable rack cabinets or cages,
- 3-tier AC and DC power,
- Network connectivity – the collocation center provides connectivity from multiple carriers; Clients can also bring their own carrier, or combine both to ensure redundant connectivity,
- "Meet-me-room" enabling clients to connect to different carriers for efficient data exchange.
- Adequate cooling system with DC backup

- 24/7 Physical security (including video surveillance, biometric and badge access, escorted access) and strong building construction, building security guard, Office security guard, Access restriction & other securities.
- Higher safety from fire, natural disaster, Earth Quake & any incident.
- Dual fire and smoke detection system, and waterless fire suppression system
- Real-time live monitoring of all these functions for failures.
- NTTN are available & Open Operation Centre for the customers.

Facilities

Cooling: Data center includes a robust HVAC system to provide stable airflow management system, temperature and humidity, with minimum N+1 redundancy for all major equipment, same percent cooling infrastructure, pressure based control system for real life balancing of supply & return air.

Power: NRB provides facilities of lower energy cost to run your data centre & PUE**.** Besides you can reduce cost up to 50 % of electrical cooling**.** Our centers provide a minimum N+1 redundancy for power system, to maximize uptime availability. Our infrastructure includes Uninterruptible Power Supply (UPS) systems to prevent power spikes, surges, and brownouts, and redundant backup diesel generators provide additional runtime.

Density: High density or space efficiency feature technology which enable the density of panel 48 ports in 1U rack space. 27 % space saving facilities per rack, Pre terminated cabling systems offer as added benefit up to 90 % reduce of labor cost, 10GX & Giga BIX IDC systems are high performance, space efficient, modular connection systems with flexibility of large accommodation, wall & rack mounted cross connection & interaction systems which saves up to 45 % of floor space, Fiber Express make you facilitate u to 96 fibers in 1U space or wall mounted max floor saving, high density modular racking system provides unmatched density, allowing up to 60 % reduction in floor space

NRB provides best class cable management system for server & switches, high capacity network & internet back up, full redundancy network device & connections, 24 hours monitoring system, uses world class technology, expert engineers for service & so on.

Fire Detection and Suppression

Key features of the fire detection and suppression system include:

-Multi-zoned, dry-pipe, double-interlock, pre-action fire suppression system3

-Very Early Smoke Detection and Alarm (VESDA)

Earthquake

Structural systems of the center meet or exceed local building codes for lateral seismic design forces. Equipment and nonstructural components, including cabinets, are anchored and braced.

PHYSICAL SECURITY

The center utilizes an array of security equipment, techniques, and procedures to control, monitor, and record access to the facility, including customer cage areas.

All areas of the center are monitored and recorded using CCTV, and all access points are controlled. The center is staffed with 24-hour security officers. Visitors are screened upon entry to verify identity, and escorted to appropriate locations. Access history is recorded for audit by customers.

Security Features:

- 24x7x365 security
- All doors, including cages, secured with biometric hand geometry readers
- Kinetic and key locks on closed cabinets
- Colocation areas have windowless exteriors
- CCTV digital camera coverage of the entire center, including cages, with detailed surveillance and audit logs
- Bullet Resistant Protection
- CCTV integrated with access control and alarm system
- Motion detection for lighting
- Equipment check upon arrival
- Shipping and receiving area walled off from colocation areas

CUSTOMER SUPPORT

Our people, engineers, technicians, and customer care specialists offers on-site technical and logistical support for customers 24 hours a day, 7 days a week.

The NRB team can assist with troubleshooting or placing orders and notifies customers of any operations-impacting events. Online Customer Care Portals enable clients to submit routine requests, place orders, check status of orders, access policies or schedule visits.

Smart Hands – Highly trained and experienced Technicians can provide assistance for remote management, custom installations and equipment troubleshooting.

Major benefits of using Colocation Center:

- Improve Bandwidth Cost Effectiveness

  We specialize in IT infrastructure and have fast, reliable bandwidth connections that deliver even more for your money. As a result, we can deliver fast, affordable and reliable data transmissions at an even more affordable rate than traditional in-house solutions.

- Secure Your Data from Outages and Breaches

  Our infrastructure is secure from both power outages and unwanted intrusions, since we have state of the art backup generators and firewalls in place to secure your data at all times.

- Give Your Business Flexibility to Move and Centralize IT operations

  If your business is looking to expand or centralize operations, a collocated IT presence can give you the flexibility to make the right decisions for your business.

Services

Grade Internet Access: Business today is increasing reliant on high speed & congestion free internet connection. Our internet service provide faster connection with clients, partners & suppliers**,** NRB telecom provides a wide variety of access technologies including Fiber, Ethernet, ADSL2+, ADSL & 3G wireless.

Hosting of Individual Dedicate Servers: NBR provides better security & control to storage data, dedicated bandwidth for the client. With our flexible options in hardware & bandwidth,

NRB provide a large range of business & private users. All servers are placed in special cabinets.

Virtual Private Servers: Using VPS facility you can allocate, reallocate VPS resources in real time & on demand without help of technician.

Fiber Ethernet: NRB Telecom's Fiber Ethernet is premium connectivity medium for business internet & network data transmission. Fiber Ethernet allows you to deploy high speed networks from 10Mbps through to 1Gbps of guaranteed, symmetric IP throughput.

Midband Ethernets: NRB provides Midband Ethernet facility which is higher than SHDSL, suitable for growing & medium business, branch offices, real time application such as video streaming.

Software / Apps: We provide custom software application and mobile solutions, run software testing, perform in-depth product analyses and technology management, support and expertise among new/existing clients.

Description:

Here in our collocation centre we facilitate all telecom operators, ICX, IGW, IIG operators, Banks, Finance Companies, Group of companies & others a single POI for efficient and cost effective inter-connection.

NRB Telecom facilitates every operator to install their own MUX and ODF (Rack mount) with sufficient space and power backup. Each cabinet avails 1+1 Kw power (from different distribution panel) for each cabinet. Cooling is ensured as a in-house shared facility. The entire service is offered as a package.

However we also provide Managed Cabling Service to make the interconnection easy for our clients. We offer shared MUX to facilitate our customer even in a large scale of efficiency.

NRB Telecom offers Managed CDR push-Pull service for the IGW, ICX operators toward BTRC. We have established link between our premises and BTRC office which we dedicatedly use for this service. This unique service reduces your cost of dark fiber monthly rent in addition with the following facilities.

☐Unlimited Bandwidth
☐Quality of Service and traffic-flow management
☐Dedicated Link for CDR push-pull
☐Totally isolated network for every individual
☐Inter VLAN routing (if required)
☐Flexibility to adapt changes in network requirements
☐Port security
☐Broadcast filtering

Managed Dedicated Service

Companies that require increased security resilience, higher power options or both, NRB Telecom can offer customers the choice to have their own dedicated suite in partitioned areas. With access control a standard dedicated suite of 18m² can hold up to 9 standard sized racks for customers, however if your company requires different specifications then we can provide a variety of alternative sizes to best match your needs.

Shared Facility Management

A cost efficient option for companies who want the benefits of a purpose built collocation facility but only require a smaller investment into their cabinet existence for now. Choosing SFM inside NRB Telecom provides customers with options of:.

✔Quarter Rack Unit
✔Half Rack Unit
✔Single Full Rack Unit
✔Multiple Full Rack Unit

Power Supply

NRB Telecom customers will benefit from our provision of DC Telecoms -48V. As NRB Telecom work alongside selected suppliers we are able to specify, design and install DC systems based on our customer's requirements for their servers. NRB Telecom provisions include:

- Battery support (if required)
- Annual maintenance contracts
- 24/7 alarm monitoring
- Fault reporting to vendor
- Call out co-ordination

NRB Telecom's Business Grade Internet service is provided over a wide variety of access technologies, including Fiber, Ethernet, SHDSL, ADSL2+, ADSL and 3G Wireless and may be bundled with QoS for traffic sensitive application and Hosted Firewall for greater security.

Server Rack Accessories

All customers have the option of installing their own cabinets into the collocation environment they choose. However, NRB Telecom also provide the option for companies to purchase cabinets and communication equipment directly from us in a variety of different sizes. Typical cabinet dimensions:

- 42U high
- Width - 600mm or 800mm x 900mm
- Depth - 1000mm or 1200mm

Maintenance & Cleaning

All NRB Telecom customers benefit from our facilities maintenance on the mechanical and electronic items inside our server rooms. The continual maintenance of the air conditioning units, sprinkler system, fire alarms, electric panels, security systems etc. ensures that our customer's equipment is in the ideal working environment. By carrying out this maintenance NRB Telecom makes sure that each room working temperature is at optimum levels, which will also be covered in the service level agreements (SLA) of each customer's contract. NRB Telecom provide the option for customers to specify in their contracts exactly what type and the frequency of the cleaning in their leased areas.

Managed Cabling Service

A challenge often faced by our clients is the coordination of data and cabling beyond the service boundary point for carriage services. Our clients appreciate and benefit from our ability to undertake all responsibilities of data centre cabling requirements as a managed service within our premises. We provide customized patch cabled and do the splicing and latching as well. Besides, NRB Telecom Limited provides other services such as Managed Networking, Managed Security, Managed Remote Access, Remote Hands & others.

Director's information:

- Mohammed Younus Managing Director
- Ahmed Tawfiqur Rahman Director
- Mushfique Rahman Director

Management:

Mohammad Mazharul Islam Pathan- Head of Operation

ASM Solaiman- Chief Technical Officer (CTO)

S.M. Samiul Islam- Manager (HR & Admin)

Mohammad Kamrul Hasan (Manager IT)

Md. Salah Uddin- Asst. Manager (Power & Transmission)

Rezuana Shultana- Asst Manager (Billing)

Mehedi Hossain-Sr. Officer (Accounts)

Total employees: 27

Major Client List

- **Mobile phone operators:**
- Grameenphone
- Banglalink
- Rob
- Citycell
- TeleTalk
- Airtel
- BTCL
- **Interconnection Exchange (ICX) Operators**
- Cloud Tel Limited.
- Bantel Limited.
- Sengupta Telecommunication Ltd.
- Integrated Service Ltd.
- Voice Tel.
- Jibondhara Solutions Ltd.
- Imam Network Limited.
- Softex Limited.
- Purple Telecom.
- Vertex Communications ltd.
- Bangla Telecom Ltd.
- Bangla ICX Ltd.
- Microtrade ICX Ltd.
- Paradise Telecom Limited.
- Tele Exchange Limited.
- Ring Tech (Bangladesh) Limited.
- Getco Telecommunication Ltd.
- Agni Systems Limited.
- Teleplus Newyork Limited.
- M&H Telecom Ltd.
- **International Internet Gateway (IIG) Operators**
- Earth Telecommunication Ltd.
- Sky Telecommunication Ltd.
- Virgo Communication Ltd.
- Level3 Carrier
- Abir Telecom Ltd
- **Nationwide Telecom Transmission Network(NTTN)**
- Fiber @ Home.
- Summit Communications.
- **International Gateway (IGW) Operators**
- Bangla Trac Communications Limited.
- Bangladesh Telecommunications Company Limited.
- Mir Telecom Ltd.
- Novotel Limited.
- Global Voice Telecom Limited.
- BG Tel Limited.
- HRC Technologies Limited.
- Roots Communication Ltd.
- 1Asia Alliance Gateway Ltd.
- Unique Infoway Limited.
- Sigma Engineers Limited.
- Telex Limited.
- DBL Telecom Limited.
- Apple GlobalTel Communications Ltd.
- First Communications Limited.
- Kay Telecommunications Limited.
- Ratul Telecom Limited.
- Mos5 Tel Limited.
- Cel Telecom Limited.
- Ranks Telecom Limited.

- Bangla Tel Limited.
- SM Communication Limited.
- Platinum Communications Limited.
- Vision Tel Limited.
- Bangladesh International Gateway Limited.
- Digicon Telecommunication Limited.
- Venus Telecom Limited.
- Hamid Sourcing Limited.
- Bestec Telecom Limited.

ISP (Internet Service Provider)

- Xpress Technologies
- BUCT Communications
- Virtual American Company
- Coronet Corporation
- Faith Online
- ICC Communications
- D-net
- Internet Bangla
- Telebangla Internet
- Radisson Technologies
- Fissa Communications
- Race Online
- Reddata

Others Clients:

- BD Com Online
- Tirzok Private Ltd
- ADN Telecom
- ringID
- Shajalal Equity
- Beximco
- Paytm (India)

ERP / Software Clients:

- IFAD Group
- Monno Group
- Madina Plymer
- Madina Developments
- GIANT Agro Processing Ltd.
- SAIMEX Leather
- Progressive Engineering Crop.
- East West Filling Station
- Galaxy Flying Academy
- Ramisha Group
- Wordbridge International School
- Sobhan Clod Storage
- Seen Group

Contact Information:

Bangladesh

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