Biznet

Powered by First n Fast IT LTD

BizNet

Our Story

STORY BEHIND BIZNET

Biznet, the distinguished corporate Internet entity under the umbrella of First n Fast IT Ltd in Chattogram, Bangladesh, stands as a pioneering trailblazer. First n Fast IT Ltd achieved the historic feat of shattering the constraints of Internet speed in 2002 through the establishment of its proprietary high-speed data transmission network.

- Corporate Internet
- Network Security
- Cloud Services
- Backup Solutions
- Network Monitoring
- IP Phone & CCTV
- Spam Free Email
- Technical Support

10+

Districts Coverage

In the year 2023, Biznet's resilient digital data infrastructure, spanning the southern region of Bangladesh, offers a seamless continuum of Internet and corporate data connectivity services to our esteemed clientele. This esteemed clientele encompasses distinguished business entities and a spectrum of government agencies. The extensive reach of Biznet's network encompasses ten districts within the Chattogram division.

Chattogram
Feni
Cumilla
Noakhali
Chandpur
Lakkhipur
Rangamati
Bandarban
Khagrachari
Cox's Bazar

BizNet's Commitment to Corporate Excellence

HIGH BANDWITH

In the dynamic realm of corporate landscapes, the demand for swift internet connectivity is paramount to seamlessly manage substantial data loads, facilitate seamless video conferencing, expedite file transfers, and execute other bandwidth-intensive operations. Biznet stands poised and prepared to cater to the connectivity needs of corporate entities, ensuring an ample safety buffer to forestall any potential congestion.

RELIABILITY AND REDUNDANCY

The reliability of operational facets holds utmost significance. BizNet, cognizant of this imperative, employs 1 Plus 1 Redundant connections and failover mechanisms to guarantee uninterrupted internet connectivity, resiliently persisting in the face of a potential connection failure. This strategic redundancy not only fosters the seamless flow of business operations but also instills a sense of assurance and tranquility for top-tier management.

BizNet's Commitment to Corporate Excellence

QUALITY OF SERVICE (QOS)

Within the corporate domain, the implementation of Quality of Service (QoS) mechanisms stands as a pivotal strategy. These mechanisms meticulously prioritize specific types of traffic, guaranteeing that essential business applications receive the requisite bandwidth and maintain low latency levels. At BizNet, we conduct thorough analyses of the data flow inherent to our esteemed subscribers' business operations, crafting tailored QoS protocols to optimize the efficiency and performance of their critical processes.

SECURITY MEASURES

In the corporate sphere, the fortification of digital assets against cyber threats is non-negotiable. Robust security features, encompassing firewalls, intrusion detection/prevention systems, Virtual Private Networks (VPNs), and malware protection, constitute imperative safeguards for corporate data. BizNet, committed to ensuring the utmost security, diligently implements the requisite security measures tailored to the specific needs of our subscribers' networks. This proactive approach serves as a formidable defense, shielding sensitive business information systems from vulnerabilities and potential breaches.

BizNet's Commitment to Corporate Excellence

MONITOR & ANALYTICS

Adaptability is paramount, especially in the realm of internet connectivity solutions. BizNet seamlessly facilitates scalability to meet the evolving demands of organizations. Our infrastructure supports effortless upgrades and expansions, allowing for increased internet speed and additional add-ons, all tailored to align with the discerning preferences of our subscribers and their corporate requisites.

LOAD BALANCING

Real-time monitoring is pivotal for proactive network management. BizNet's advanced tools ensure constant vigilance over network performance, usage trends, and potential issues. Our monitoring module, a beacon of efficiency, triggers alarms when any device or traffic parameter surpasses set thresholds, allowing immediate resolution. With BizNet, corporate entities enjoy a relaxed environment, confident that potential disruptions are identified and addressed proactively, minimizing the risk of hardware failures or data bottlenecks.

BizNet's Commitment to Corporate Excellence

SCALIBILITY

Adaptability is paramount, especially in the realm of internet connectivity solutions. BizNet seamlessly facilitates scalability to meet the evolving demands of organizations. Our infrastructure supports effortless upgrades and expansions, allowing for increased internet speed and additional add-ons, all tailored to align with the discerning preferences of our subscribers and their corporate requisites.

LOAD BALANCING

load balancing is key for optimized network performance. BizNet expertly distributes traffic across multiple connections, preventing bottlenecks and maximizing available bandwidth. With a robust IIG backbone, we ensure optimal latency globally, guaranteeing a seamless network experience for our valued corporate clients.

BizNet's Commitment to Corporate Excellence

SUPPORT FOR CLOUD SERVICES

Seamless access to cloud services is paramount. BizNet, catering to valued corporate entities, ensures reliable and low-latency connectivity to cloud platforms through our strategically positioned hosting infrastructure across various geographical locations.

COMPLIANCE WITH REGULATIONS

Compliance with legal and regulatory standards is imperative, especially concerning data protection and privacy laws. BizNet provides a peace of mind to our esteemed subscribers, ensuring that our internet connectivity solution aligns seamlessly with relevant regulations, safeguarding data privacy without compromise.

TECHNICAL SUPPORT

Timely resolution of issues is paramount. BizNet assigns a dedicated Key Account Manager (KAM) to each corporate subscriber, offering a streamlined, one-stop solution. With BizNet, there's no need for multiple calls—whether technical or billing, a single contact with your Key Account Manager ensures swift and efficient issue resolution, minimizing downtime.

Technical Aspects

INTERNATIONAL INTERNET GATEWAY:

Primary IIG Provider: Level3 Carrier Ltd.

[Connected via SEA-ME-WE-4/SEA-ME-WE-5 and terrestrial cable systems]

The International Internet Gateway (IIG) serves as the pivotal point of connection for Internet Service Providers (ISPs), acting as the gateway that links national networks to the global internet infrastructure.

At the heart of our commitment to exceptional service, we have meticulously selected Level3 Carrier Ltd. as our Primary IIG provider. With an impressive 50% share of the IIG market, Level3 Carrier Ltd. is renowned for its unwavering dedication to quality. As an international gateway, Level3 Carrier Ltd. is seamlessly linked to critical international points through the SEA-ME-WE-4, SEA-ME-WE-5, and terrestrial cable systems present in Bangladesh. This strategic connectivity ensures optimal routing, delivering the highest standard of service.

Distinguished Cellular/3G/4G Mobile Telecom Operators, Grameen Phone Limited and Robi Axiata Limited, rely on this Primary IIG to fulfill their customers' internet requirements, underscoring the trust and quality associated with Level3 Carrier Ltd.

Secondary IIG Provider: BSCCL [Connected via SEA-ME-WE-4/SEA-ME-WE-5]

(Bangladesh Submarine Cable Company Limited)

In addition to our primary IIG provider, we have established a robust backup with BSCCL, the Bangladesh Submarine Cable Company Limited. This strategic redundancy, backed by the SEA-ME-WE-4 and SEA-ME-WE-5 cable systems, ensures uninterrupted and reliable connectivity, further solidifying our commitment to uninterrupted service excellence.

Technical Aspects

Backbone Connectivity

Our backbone network, which links our International Internet Gateway (IIG) and interconnects our Network Operation Center (NOC) with several Points of Presence (POPs), is efficiently maintained through an underground Fiber Optic Network leased from Fiber@home. Fiber@home is a distinguished private National Telecommunication Transmission Network (NTTN) service provider, ensuring the resilience and reliability of our network infrastructure.

Last Mile Connectivity at Customer Premises

- **Primary Fiber Link:** This essential Fiber Optic link is established and meticulously maintained by BizNet, connecting directly from the nearest Point of Presence (POP) to our valued customers' premises.
- **Secondary Fiber Link (If Applicable):** In cases where redundancy is a priority, a secondary Fiber Optic link is made available. This link, either maintained by BizNet or a reputable third-party vendor, originates from a different POP than the primary connection, ensuring further reliability and resilience.

Link Interface

Each link interface is seamlessly converted from Optical Network to RJ45 Ethernet, enabling easy connection to the customer's router. The link speed is highly flexible, accommodating speeds of up to 1 Gbps, contingent upon the capabilities of the customer's router.

Public IP Addresses

In accordance with our contractual obligations, BizNet is dedicated to providing the requisite and easily accessible Public IP addresses, thereby ensuring seamless connectivity and accessibility for our customers.

Internet Bandwidth

The allocation of Internet bandwidth is in strict accordance with the terms outlined in our contract, offering tailored solutions to cater to the unique requirements of our esteemed clientele.

Service Maintenance Feature

Interval-To-Update (ITU)

Our proactive update interval involves notifying and updating the customer every hour following their initial report of service unavailability. BizNet initiates a ticket and reaches out to the customer's designated contact through their preferred means, be it telephone, email, or SMS. This ensures swift and effective communication and issue resolution.

DESCRIPTION	ITU (in mins)	Updated by
Internet Outages	60	Customer Support Desk
Service Interception	60	Network Operation Center
High Latency	60	Network Operation Center

Maximum Time to Service Restoration

Mean Time to Restore

MTR (Mean Time to Restore) represents the average time it will take BizNet's Overhead Network Team to rectify a Fiber Cut Fault during the service period. We are committed to deploying commercially reasonable efforts to restore circuit availability within the specified time frame, ensuring minimal disruption.

DESCRIPTION	MTR	Updated by
Overhead Fiber Cut	4 Hours | Working Hours 6 Hours | Non-Working Hours	Customer Support Desk
Service Interruption	2 Hours | Working Hours 4 Hours | Non-Working Hours	Network Operation Center
High Latency	1 Hours | Working Hours 2 Hours | Non-Working Hours	Network Operation Center

Contingency Plan

DESCRIPTION	EFE CT	Resolution
Last Mile Fiber CUT	Service DOWN	Automatically Shifted To Redundant Path (IF Contract supports). If Redundancy is not supported will be resolved as per MTR
IIG Level Malfunction	Service Interception	Automatically Shifted To Redundant IIG
High Latency	Service Interception	Will be resolved by Network Operation Center as per MTR

Short list of our prominent subscribers

Customs, Excise & VAT Commissionerate, Dhaka(West)
National Board of Revenue, IRD, Ministry of Finance

National Board of Revenue, Bangladesh
জাতীয় রাজস্ব বোর্ড, বাংলাদেশ

SOUTHERN UNIVERSITY
Education For Development
BANGLADESH

Chittagong Medical College

T.K. GROUP

NAHAR AGRO
We Stand Ahead in Quality and Integrity

MGH

Mondol Group
since - 1991

Visual Knitwears Ltd.
(A composite unit of Knitting, Dyeing, Thread, Printing & Garments Manufacturer)

SKDM SUPER KNITTING & DYEING MILLS LTD.

AL HIDAAYAH
The Guidance for Humanity
Based on the Glorious Qur'an and Authentic Hadith

BUILD THYSELF
Presidency International School
PIS

FLAVORS

FULKOLI

BLUEMOON

RAJASTHAN

We deliver seamless internet solutions for corporate with better approach ensures 100% satisfaction, **Every Time!**

f getbiznet

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in company/getbiznet

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Thank You

BizNet

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