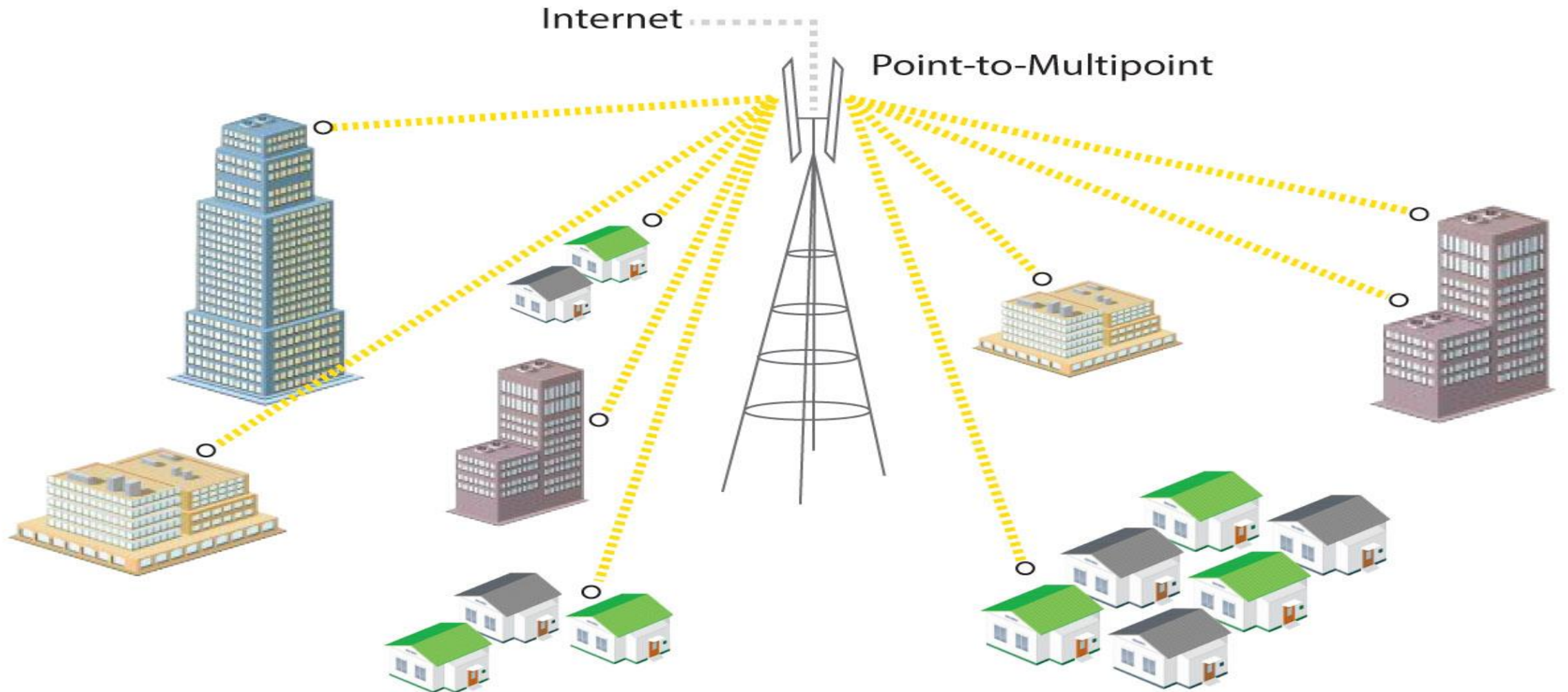


Jagadeka Smart Solutions

a Value addition to your Success

End to End IT Solutions

Point to Point & Point to Multi Point Connectivity (25 Km Range)



Point to Point & Point to Multi Point Connectivity (25 Km Range)

Point to Point Wireless:

Point to point wireless network links connect two locations together through line of sight (LOS), operating in unlicensed / licensed radio frequencies or through free space optics with speeds available between 100mbps to 10Gbps.

Typical Point to Point applications are:

- Building to Building connectivity
- Leased Line replacement
- Fiber Line replacement
- Wireless failover

Point to Point & Point to Multi Point Connectivity (25 Km Range)

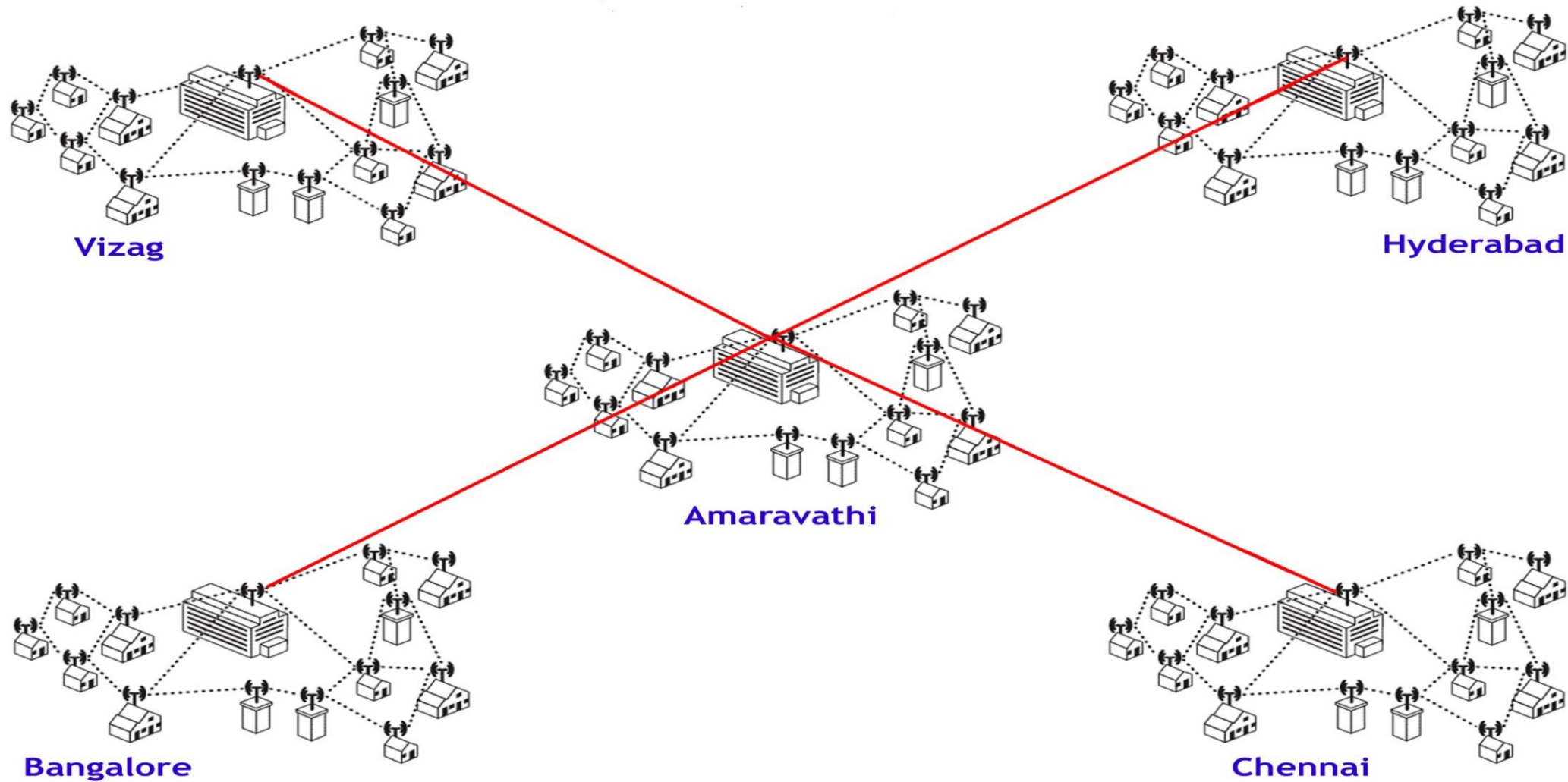
Point to Multi Point Wireless:

Point to Multi Point wireless networks, also used for outdoor hotspots, interconnect multiple locations to central access points through line of sight and non-line of sight (nLOS). They can operate in both the unlicensed and licensed frequencies bands with speeds up to 1Gbps. A point to multi point wireless network can be a highly cost effective replacement for leased lines.

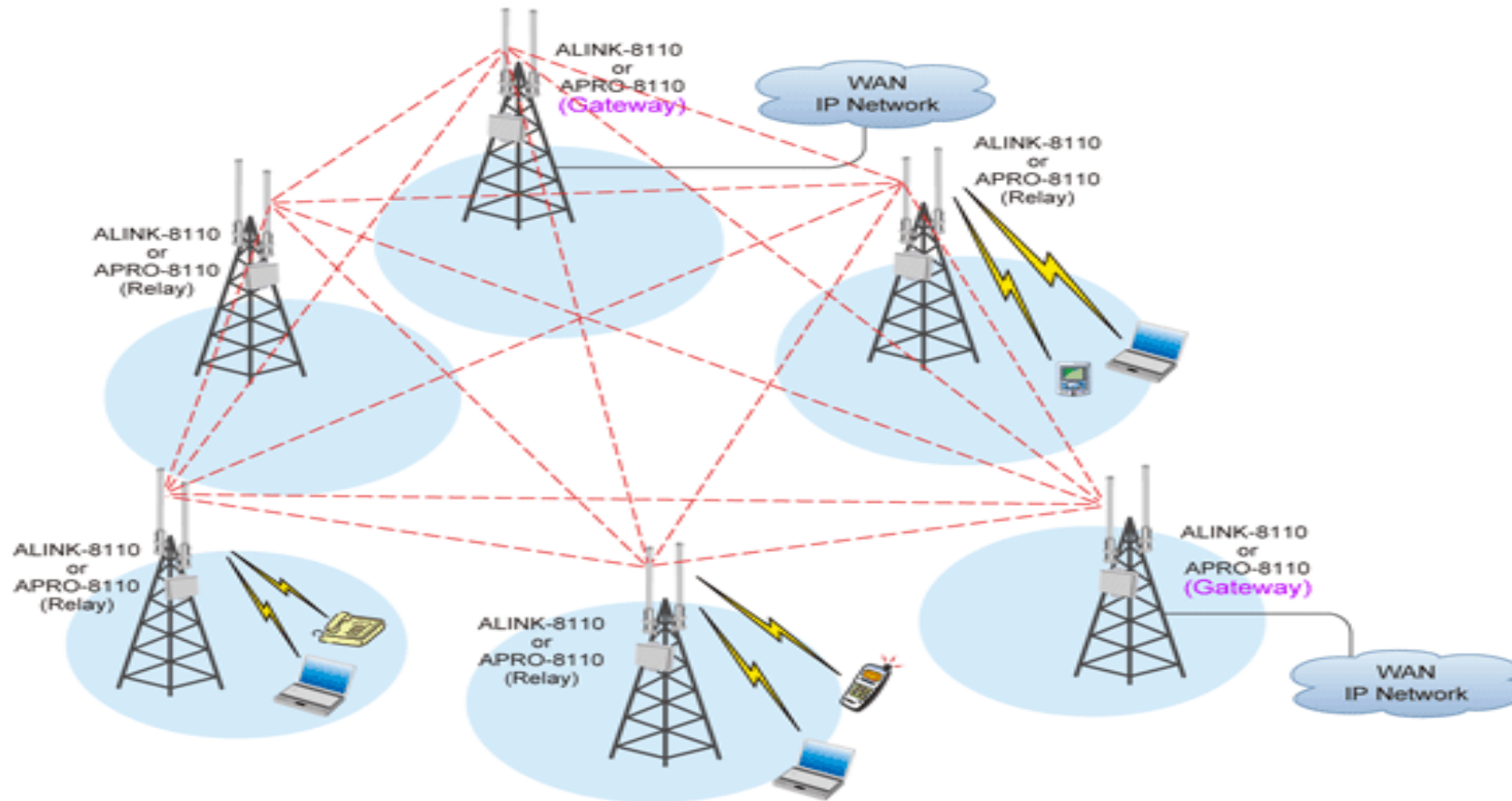
Typical Point to Multi Point applications are:

- Connecting Multiple Buildings
- CCTV solutions
- Lease line replacement
- Fiber replacement
- Outdoor Wi-Fi

P 2 MP with LAN & Zone to Zone Connectivity with VPN



WLAN (Wireless Mesh Network)



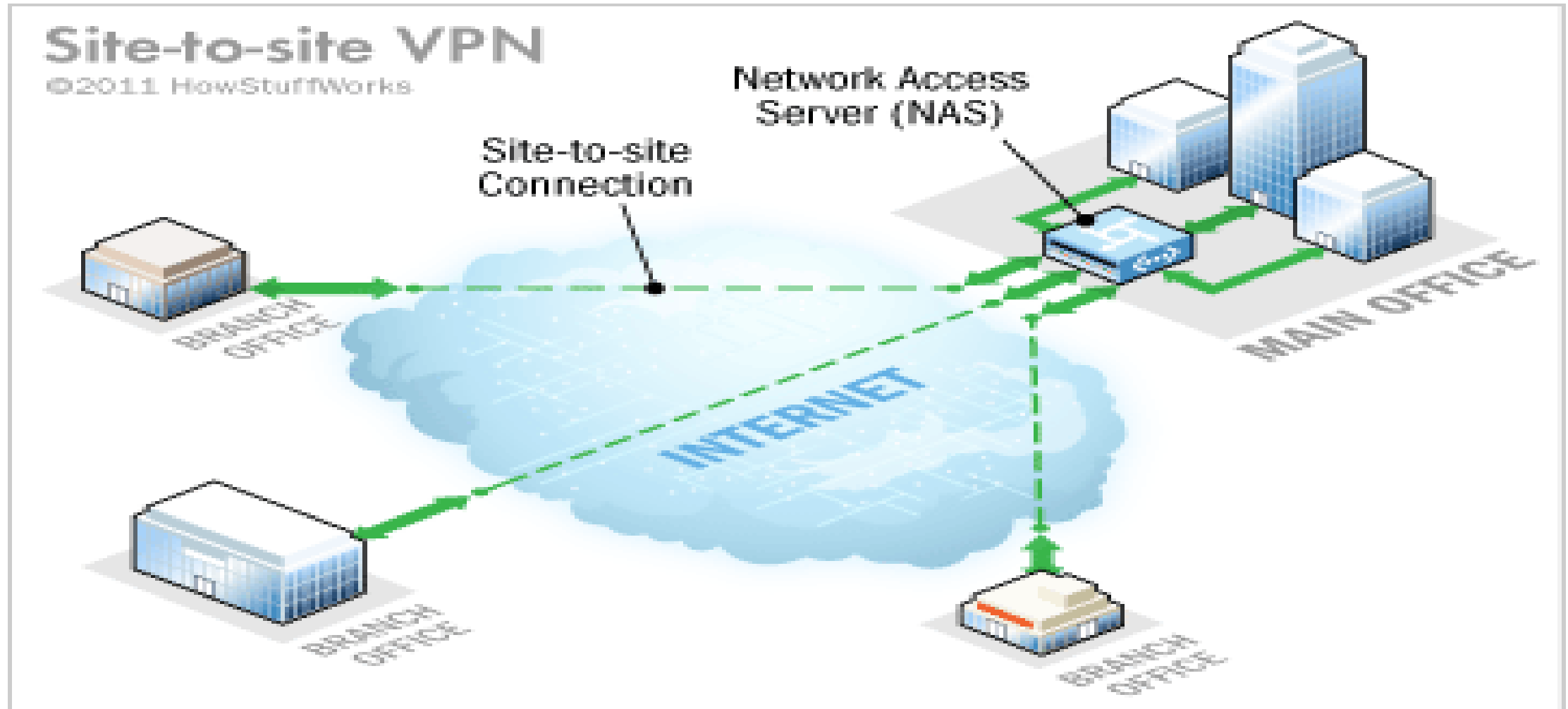
WLAN (Wireless Mesh Network)

Wireless mesh networks provide a self-configuring, scalable, and self-healing wireless network capable of extremely high concurrent connections. Each mesh node will have redundant links to other mesh nodes which creates inherent redundancy. Mesh networks are ideal for large outdoor, or high capacity environments as they can scale to many kilometres.

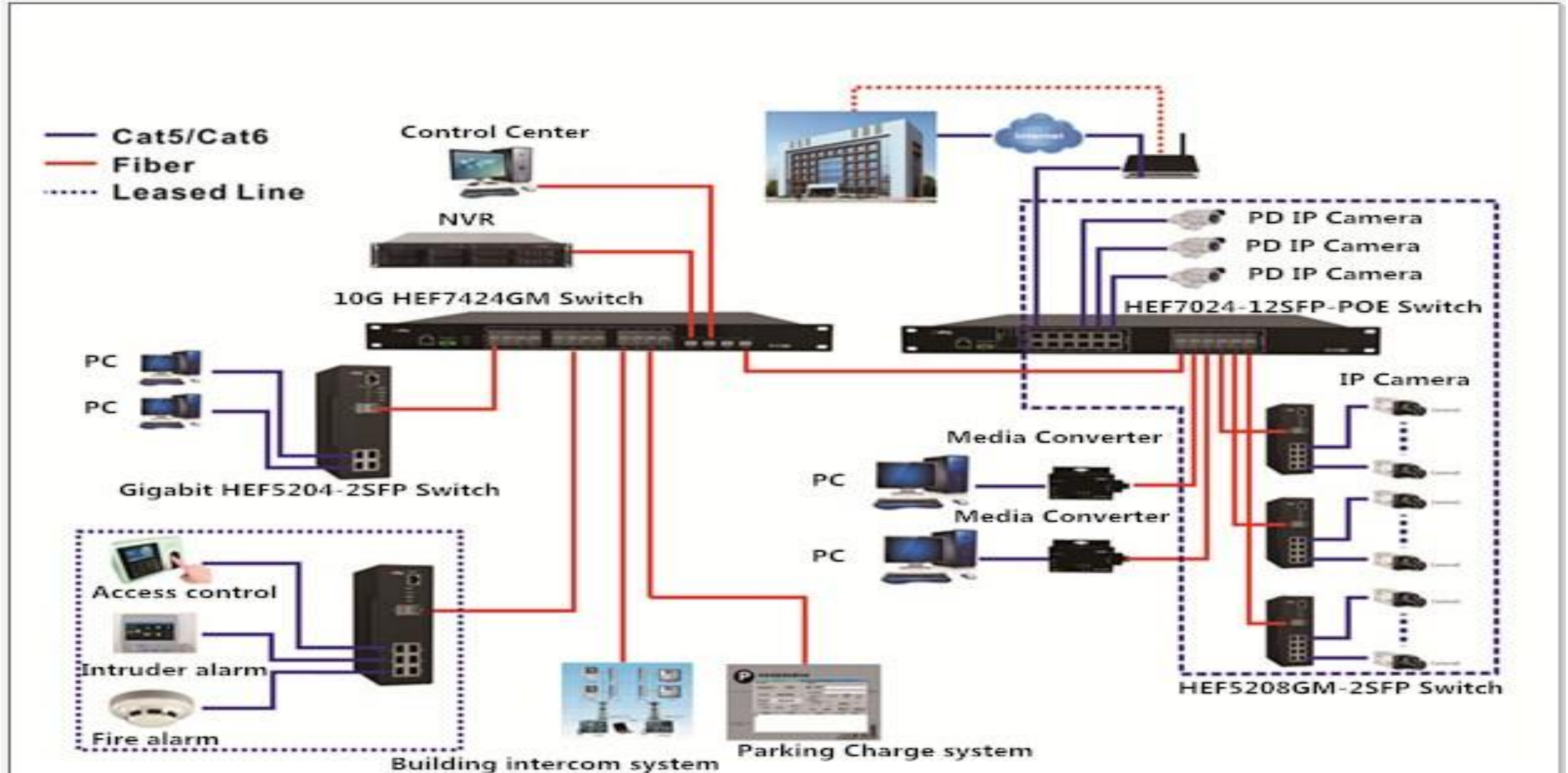
Typical Point to Point applications are:

- Public Wi-Fi
- Campus wide Broadband
- Campsite Wi-Fi
- Locations that can't be cabled
- Stadiums and Exhibitions halls

VPN (Virtual Private Network) & Internet Leased Lines

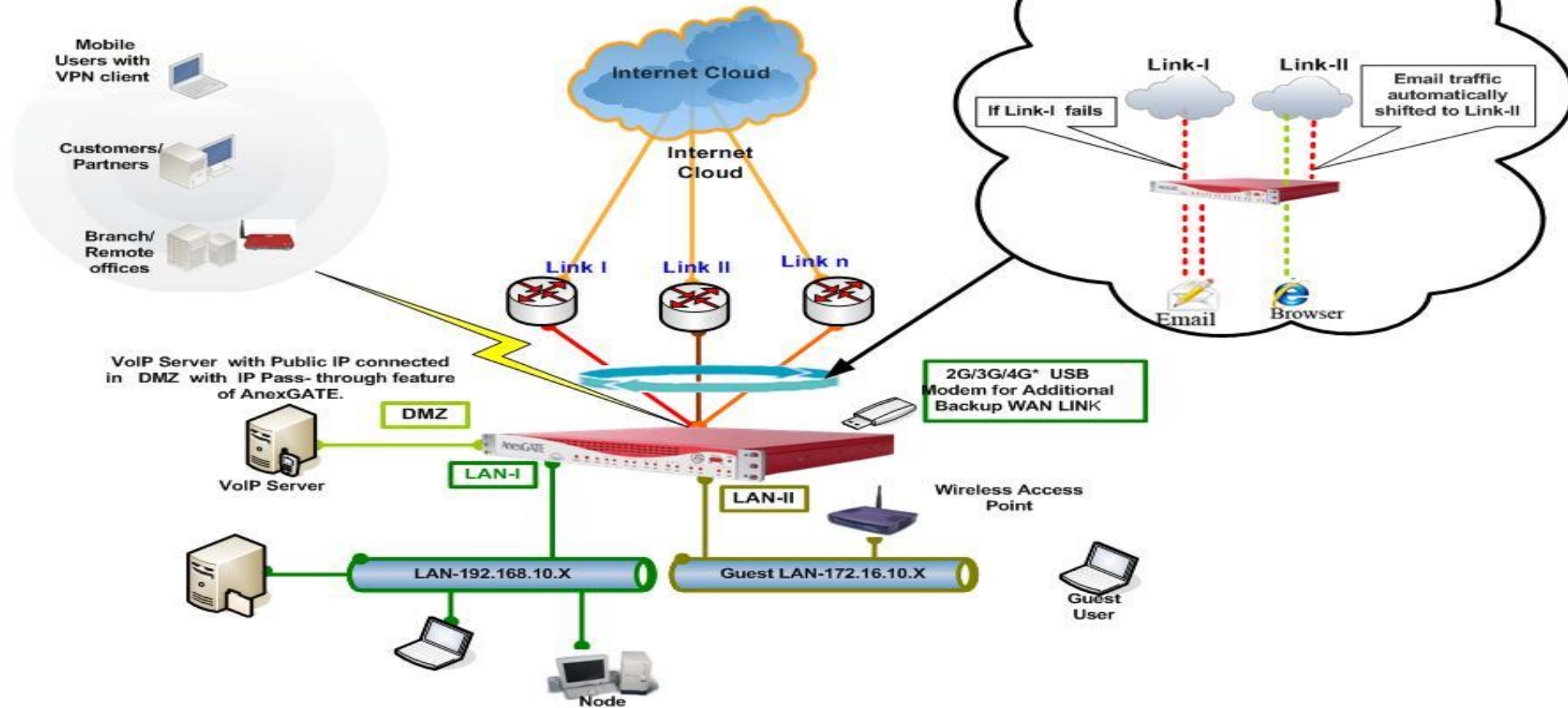


Networking

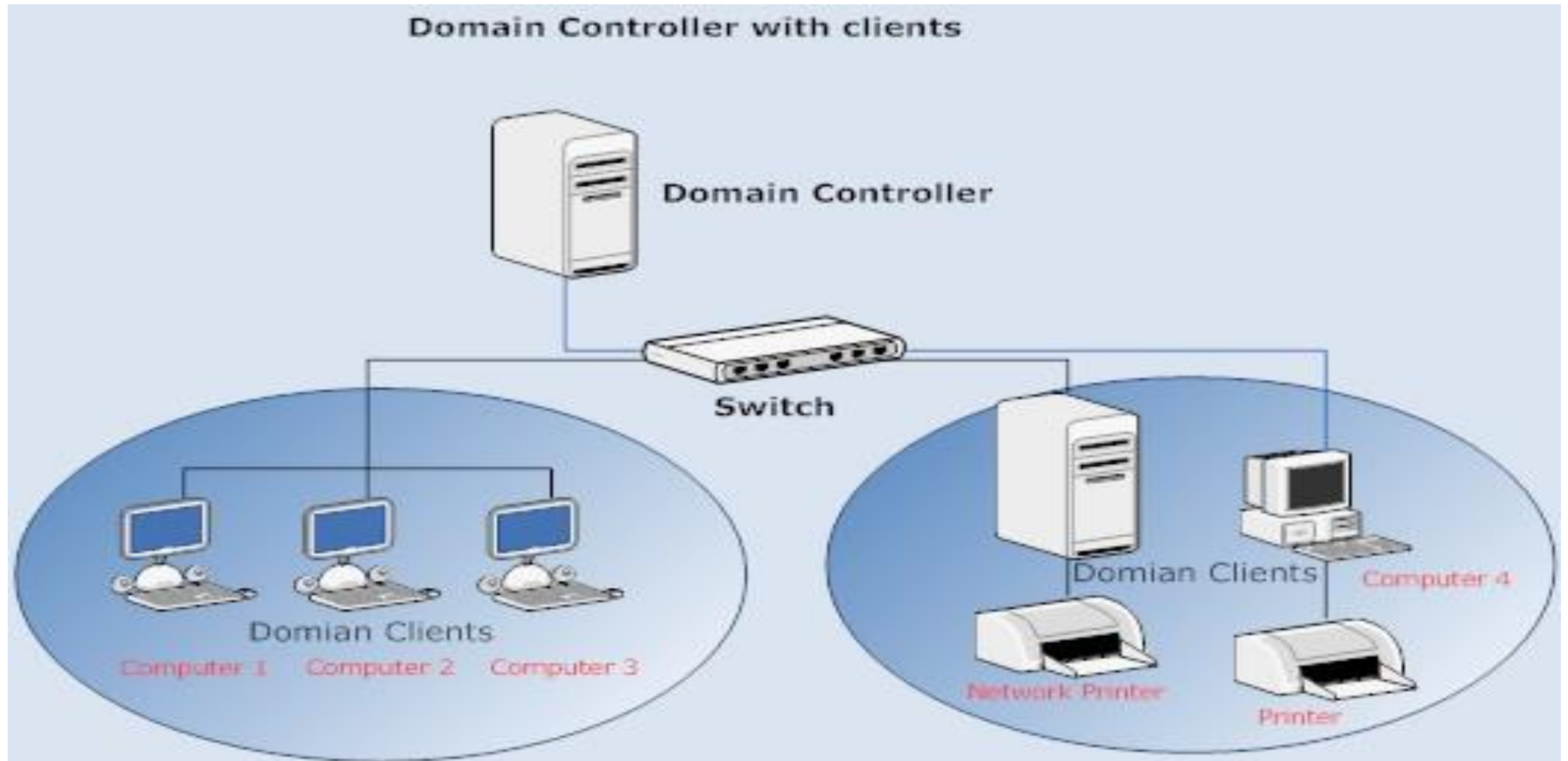


High Availability & Load Balancing

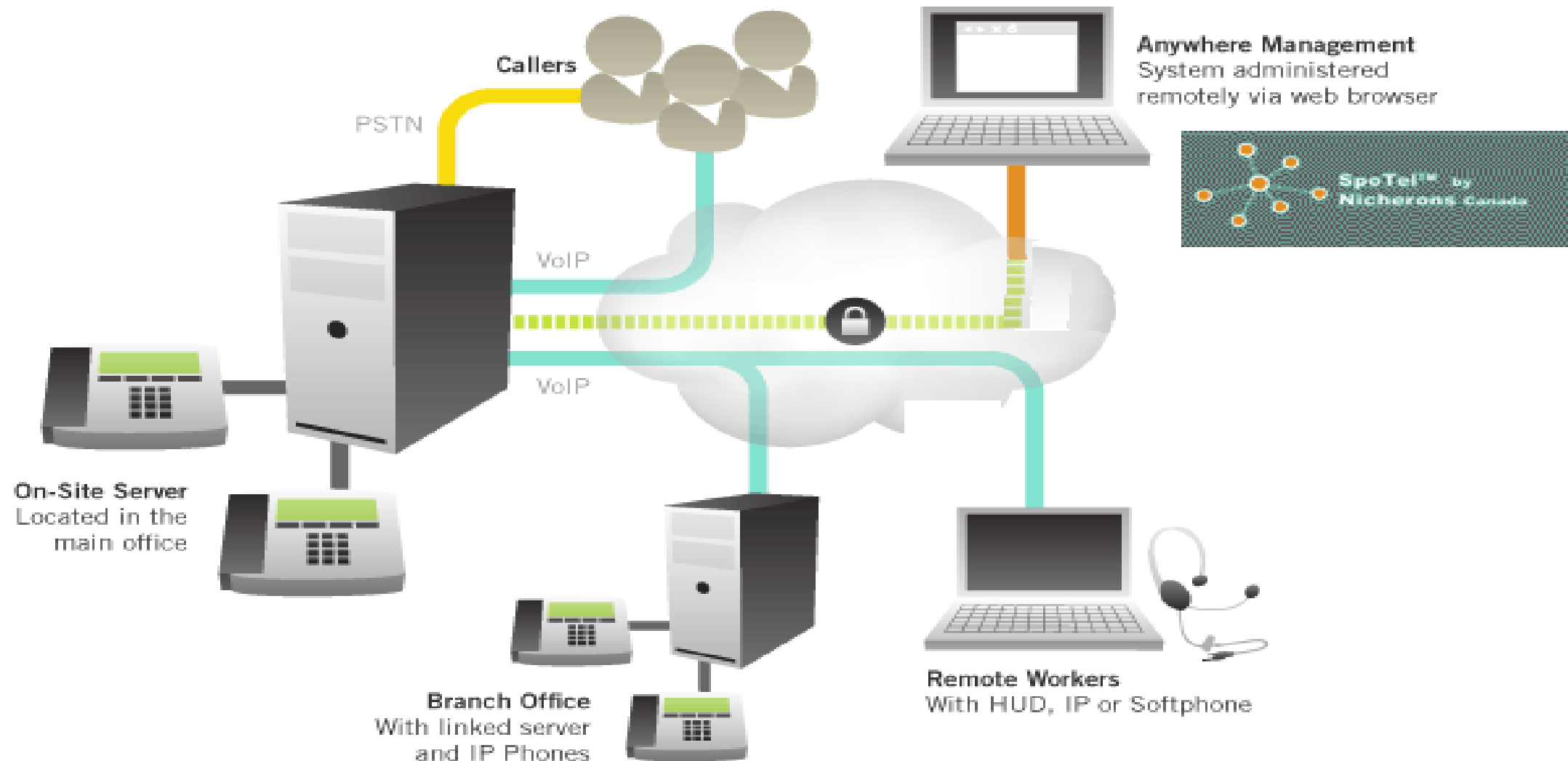
Multi WAN Failover and Internet Link Load Balancing: Increase Internet performance and eliminate connection outages



Servers (Active Directory, VPN, SQL, Database, File Server)



TelePhony (IP & Analog), VoIP for International Locations



TelePhony (IP & Analog), VoIP for International Locations

Voice over Internet Protocol is easy to use, cost-effective, and flexible.

Having a capable phone system is essential for a growing business. Fully-featured VoIP solutions from Commercial IT Solutions are able to offer your business major cost-benefits since it utilizes your Internet connection for all of your organization's communication needs. One of the most noticeable advantages that our VoIP system can offer a business like yours, is the incomparable savings you'll see. In fact, you can see a cost reduction of up to 70% off your current phone bill. In this way, our VoIP solution pays for itself.

TelePhony (IP & Analog), VoIP for International Locations

VoIP Eliminates Communication Barriers

VoIP eliminates the communication limitations of money and geography.

Traditional land-line phone systems can limit communication, and even limit your company's growth. For example, if you need to expand your workforce and add more workstations to your fleet, then you will have to have technicians spend extra time running new land-lines to each workstation. VoIP uses your LAN to transmit data. These are the same lines that run the Internet, which means that, with VoIP, you won't have to run any extra lines.

VoIP is not limited to your local Internet connection, and you can even go wireless and take advantage of your network's Wi-Fi capabilities! The beauty of VoIP is that you can plug in your IP-enabled phone to an Internet connection from anywhere in the world and use your VoIP phone number. You can also receive calls to your VoIP number from anywhere. This is a great way to stay connected with your office and your customers while you're away at a sales conference or working remotely, which saves everyone the frustration of playing phone tag.

TelePhony (IP & Analog), VoIP for International Locations

Get More VoIP Features for Less

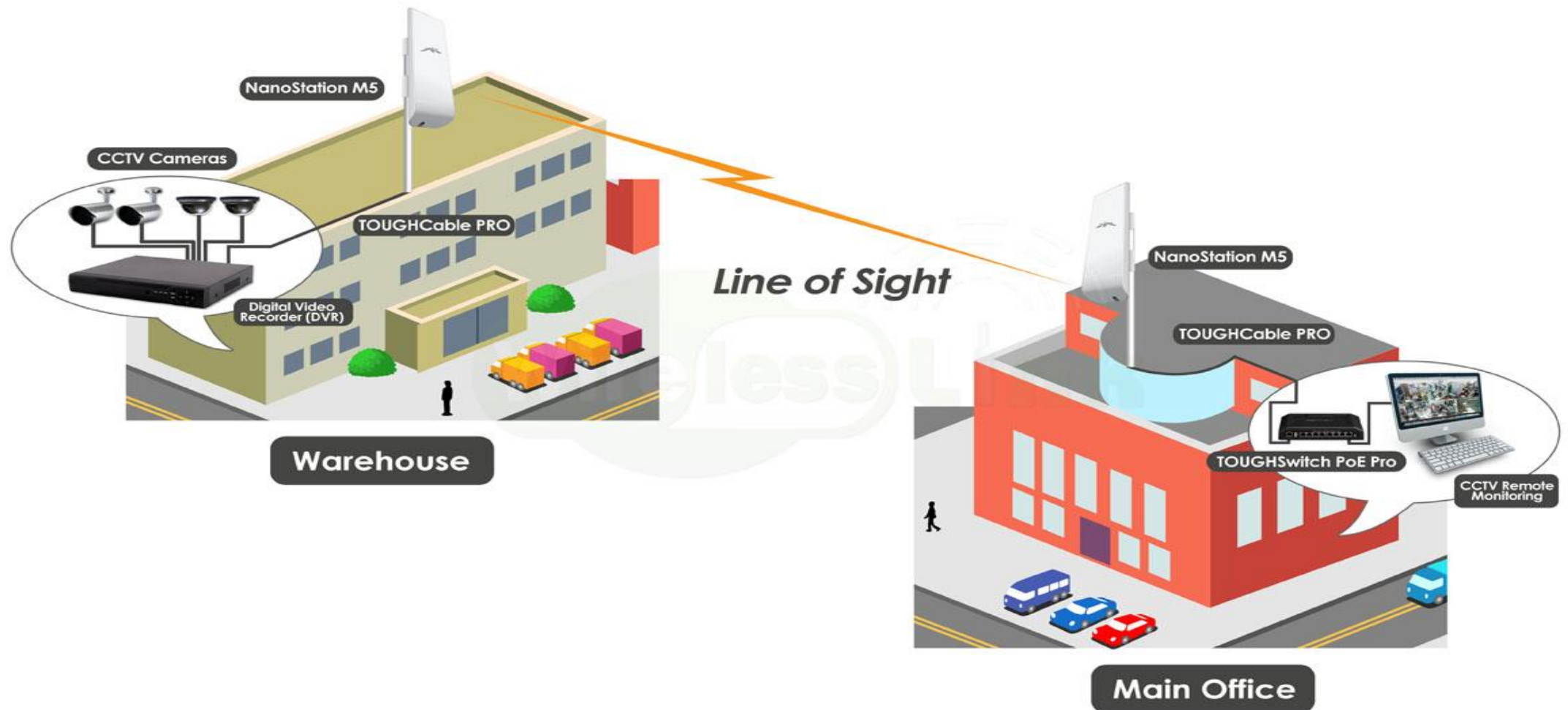
A VoIP plan comes standard with dozens of useful features.

Another way VoIP can save your business money is by giving you powerful communication features that will make it easier to stay connected. With our VoIP solutions you'll get features such as:

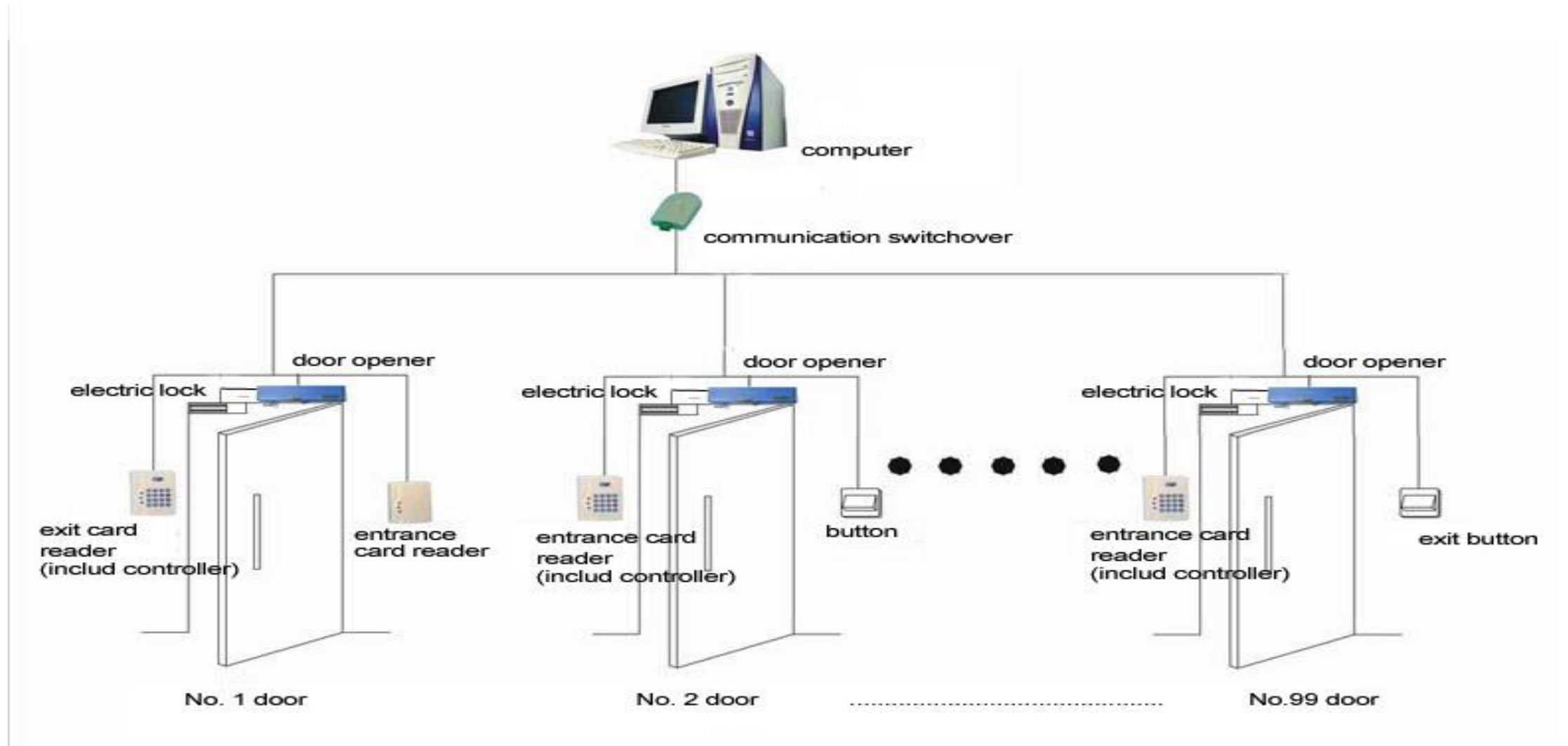
- Call forwarding
- Call waiting
- Call monitoring
- Voicemail to E-mail Transcription
- Conferencing

Our VoIP offering is designed to be flexible and allows you to do more for less. If you add up your twelve favourite call features using a traditional phone plan, you might pay twice as much with all these features enacted. With our VoIP solution you'll get a fully-featured communications system and still save money.

CCTV Surveillance Setup



Biometric & Access Control (Branch wise & Centralised Solutions)



We are expert in.....

Networking / Servers / Storage

- Routing / Switching / LAN / WAN
- Wireless LAN
- P2P, P2Mp
- Email Servers, Domain Servers, File Servers, Cloud Storage, Database Servers (Oracle, SQL)
- Automated Backups to NAS / Cloud / FTP
- Network Monitoring / Alerts

Network Backbone

- Structure Cabling
- OFC, P2P, P2Mp
- Tower Erections (RF)
- Leased Line MPLS
- VPN through Cisco Hardware routers
- High Availability and WAN / LAN Load Balancing

Domain Expertise

- LAN / WAN Design & Implementations
- Virtualized Data Services
- IT Security Audit Services
- Windows / Linux Implementation Services

We are expert in.....

Security

- Network Security Wired / Wireless
- Firewalls, VPN, Security Services, Anti-Virus
- Physical Security (CCTV IP / Analog Surveillance & Monitoring)
- Video Analytics

RFID

- Time Attendance & Access Control (Biometrics) Branch wise / Centralized

Telephony / Conference / PA

- VoIP, IP Based Telephony, Analog Telephony
- Video / Audio Conferencing
- HD Visual Communication Systems
- Cisco Unified Communications
- Public Addressing (PA)

UPS

- Online Network UPS
- Off Line UPS

We are expert in.....

Other Services

- Tally ERP Licencing, Implementation & Service
- Bulk SMS, SMS Gateway

Consultation

- Network Auditing
- Network Fine Tuning
- Network Alignment with business
- Network design for LAN, WAN, WLAN, Security

Support & Training

- Facility Management
- Support Ticket / Agent Management
- AMCs

Jagadeka Smart Solutions

a Value addition to your Success

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+91 81796 14336

Thank you