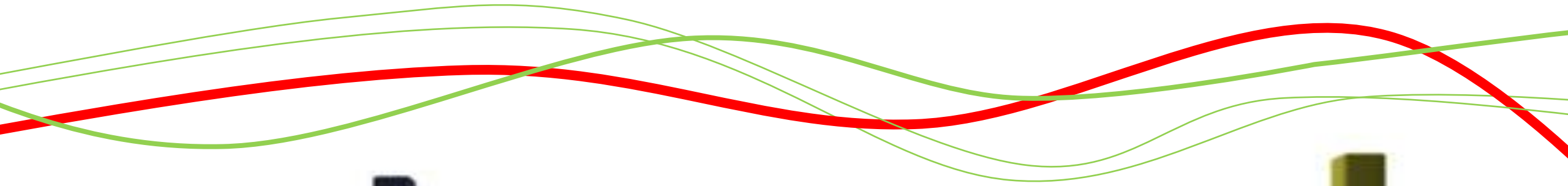


WIRELESS CITY CCTV SURVEILLANCE  
SOLUTION



ALCON WIRELESS PVT LTD

## Introduction – WIRELESS CITY CCTV SURVEILLANCE

The Wireless City CCTV Surveillance solution is very similar to a City WiFi solution, the only difference being that instead of WiFi users / clients, there are Wireless IP cameras. In this type of Solution the entire city is turned into a Wireless zone. Then Industrial grade IP Cameras with Wireless CPE are installed in strategic location across the city wireless zone. They may be installed across the streets and roads, Market places, near schools and colleges, bus and taxi stands, and other public places even inside govt. or public buildings.

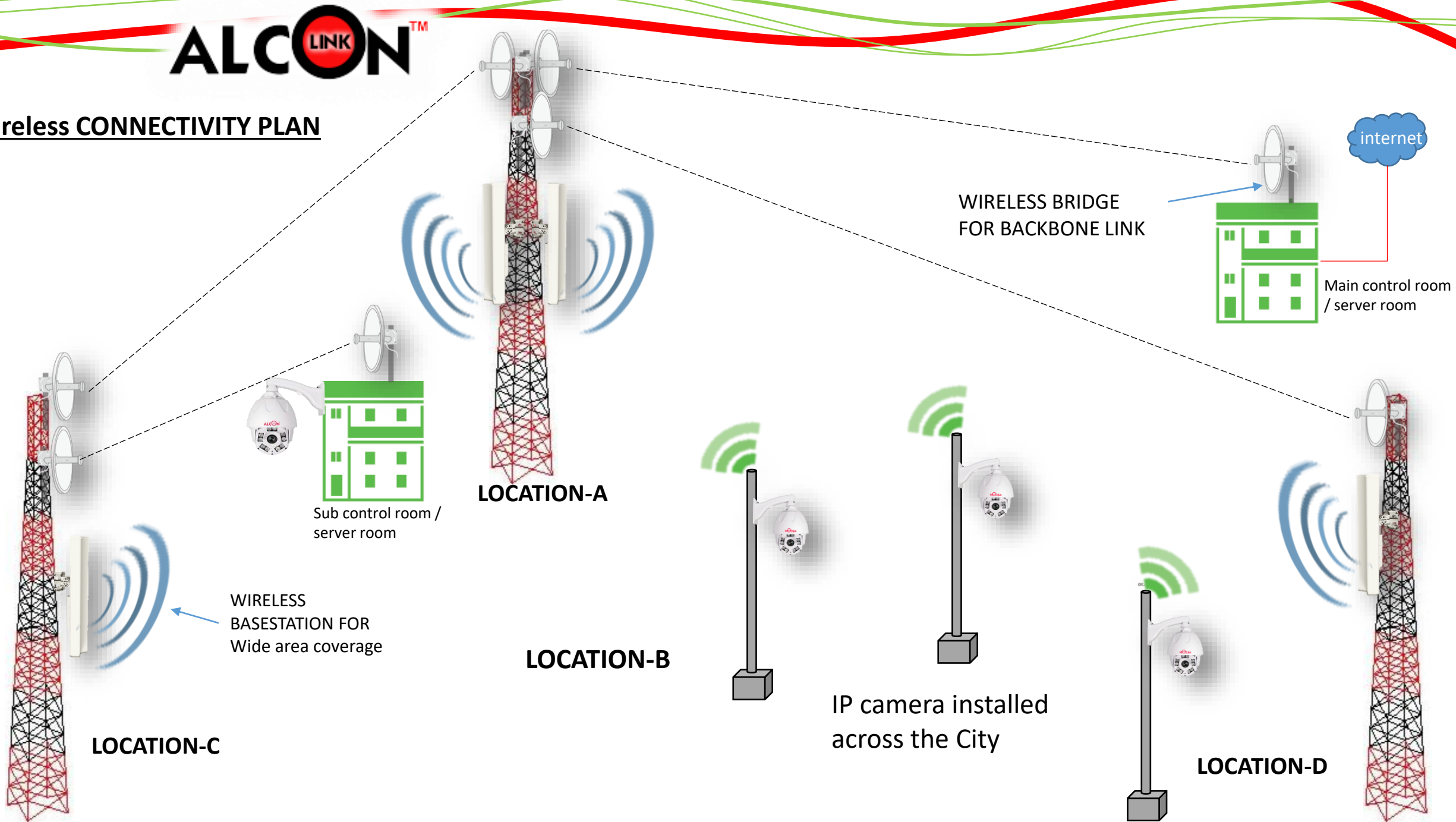
The best part of such kind of solution is that it is 100% flexible, scalable and moveable. Also the monitoring of this setup can be done practically from anywhere with the city and even outside the city or abroad.

Some advantages being:

1. No clumsy cabling across the city
2. Least maintenance
3. 99% uptime, and very less downtime
4. Easy and fast installation



## Wireless CONNECTIVITY PLAN

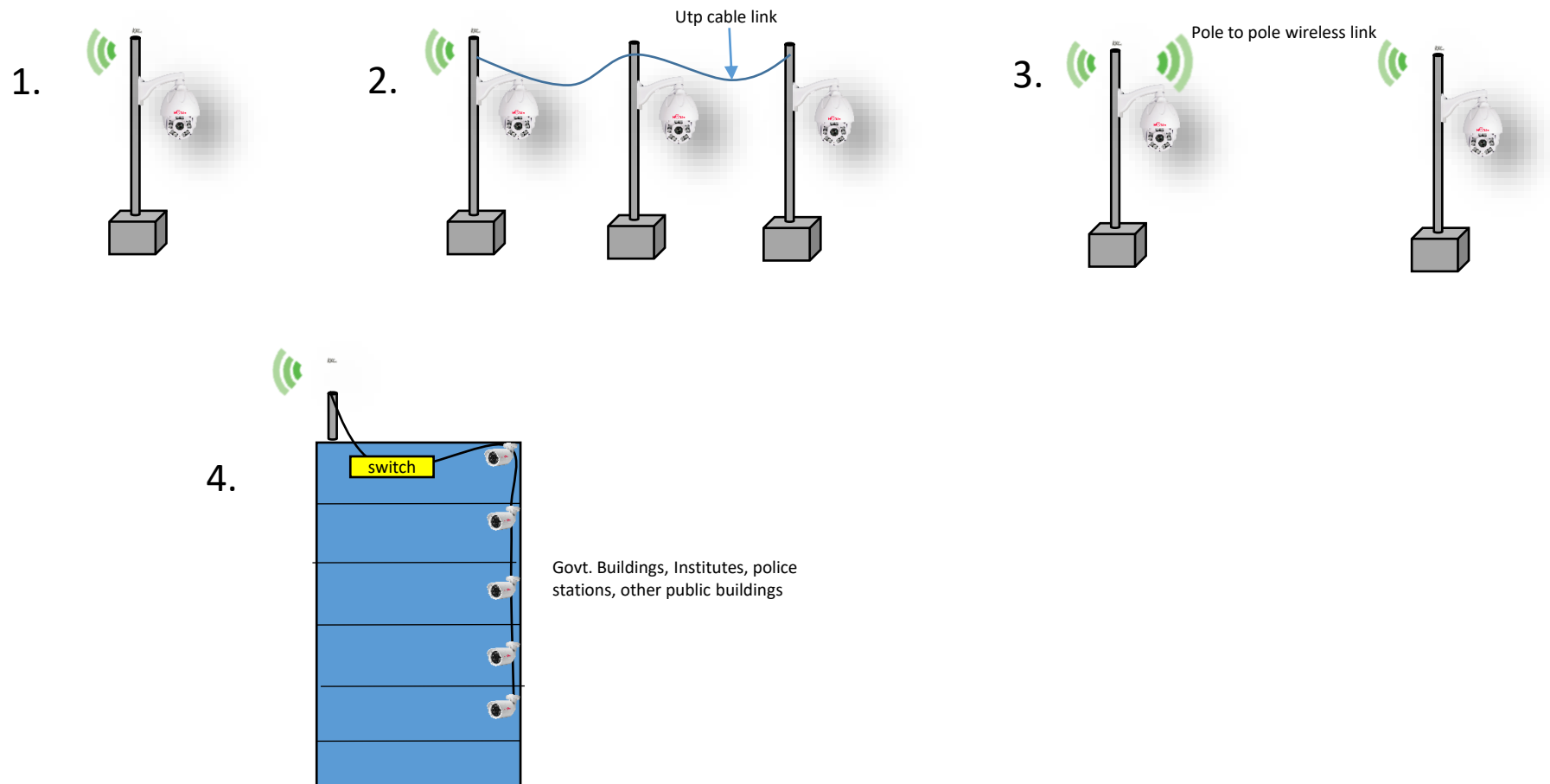


## CAMERA END NETWORK TOPOLOGY

In this type of WIRELESS environment, CAMERA may be connected in any one of the following ways as per the requirement and feasibility

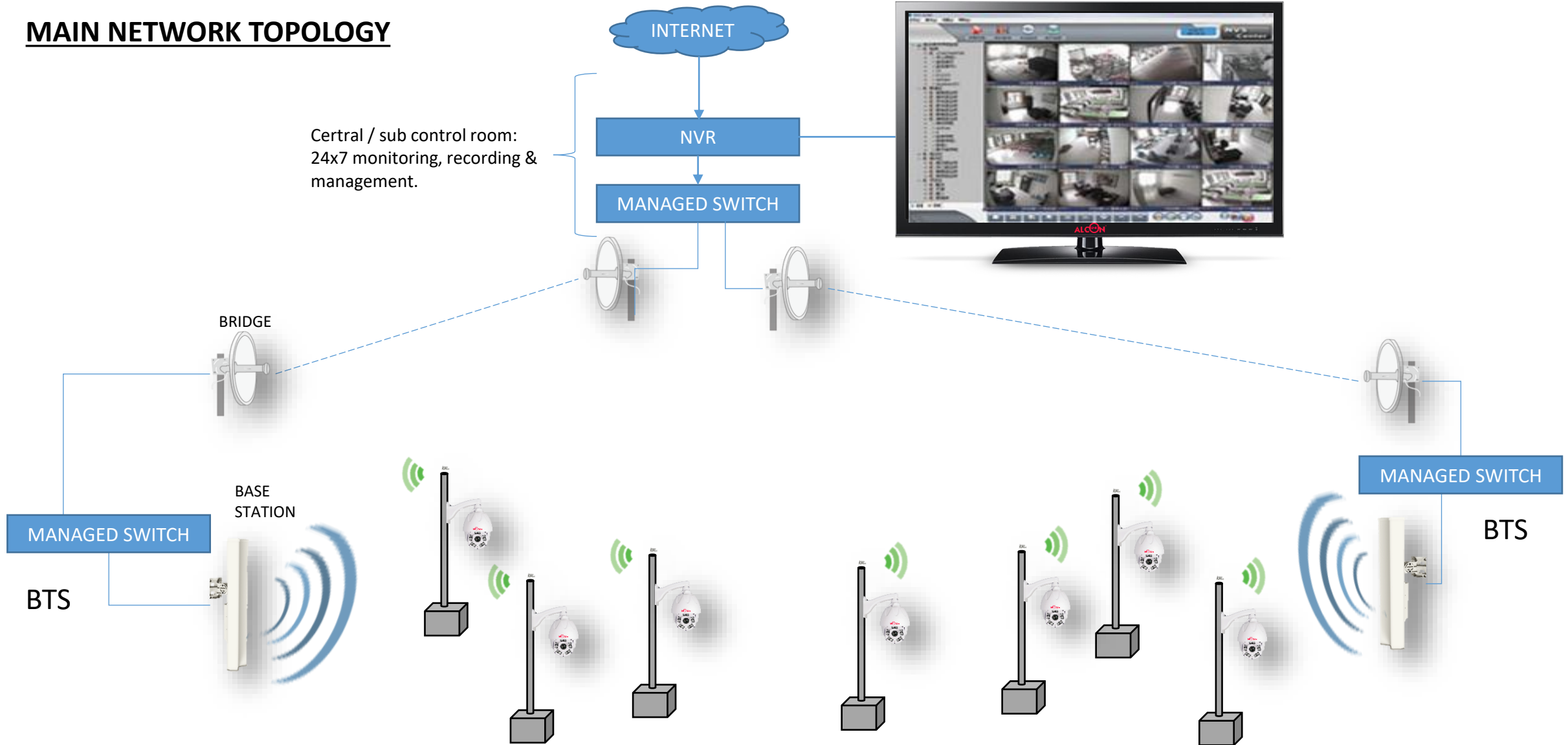


BASE STATION



## MAIN NETWORK TOPOLOGY

Central / sub control room:  
24x7 monitoring, recording &  
management.





## The Wireless Advantage:

1. Mobility, install and integrate IP camera practically anywhere within the city
2. Cheaper Deployment, approximately 1/10<sup>th</sup> the cost of Wired network.
3. Faster Deployment, eliminated the need of underground or even overhead cable pulling and considerably reduces the deployment time by 90%.
4. High redundancy and least downtime, 70% less maintenance cost.
5. Highly Scalable.
6. Highly Flexible, can shift the entire setup any where without any infrastructure loss.
7. Highly secure and manageable.

And many more.....



## Products

### ALCON ADVANTAGE:

Expert of Wireless communication and experienced OEM of Wireless equipment since 1993. Dedicated WISP Equipment and solution, wireless device, hotspot gateway, Client Premises Equipment, all under one roof. One of the largest variety of Wireless and Other Security solution under one roof.

### C Wireless LAN

- Smart Array Base Station
- Integrated Base Station
- Wireless Bridge
- Wireless Access Points
- Wireless CPE
- Antenna
- NMS and Soft Wlan Manager
- .....and many more



### Industrial Wireless LAN

- Full Duplex Telecom Bridge
- Long range Telecom Bridge
- Hotspot Gateway
- Industrial High Gain Antenna
- Industrial Telecom CPE
- Industrial Telecom Base Station
- .....and many more



### Cloud Based WIFI WLAN Controller and Hotspot gateway

- Enterprise Hardware WLAN Controllers
- Enterprise Hotspot Gateway
- POS Printer and Ticket Generator
- Wireless Hotspot Gateway with Integrated WAP.
- Soft-Controllers and Hotspot gateways
- NMS tools
- .....and many more



### IP Surveillance

- Bullet Camera, Up to 4K
- Dome Camera Up to 4K
- PTZ Camera, Up to 4K
- Fish EYE Camera, Up to 4K
- Panoramic PTZ
- Thermal Camera
- Industrial Camera Housing
- Network Video Recorder, 320CH
- Intelligent IP Surveillance Software
- .....and many more



### Networking

- OFC media convertor
- SFP Module
- POE Switches up to 24port
- Supports PoE IEEE 802.3af/at compliant PDs
- Extension mode up to 250mtrs.
- Remarkable power budget
- .....and many more





Thank You

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