

# ThruLink™ secure transmission over public networks



ThruLink allows secure, real-time, video, voice and data to be transmitted over public networks such as the internet or 3G/4G/LTE. The secure, hardware VPN utilizes a number of encryption techniques to enable users to take full advantage of public infrastructure, whilst protecting their data.

ThruLink is ideal for ITS, surveillance systems, security systems, patrol vehicles, ATM connectivity, remote data applications - in fact, any type of system that needs secure connectivity for video, voice or data from a fixed or mobile location.



## Secure

✓ **Encryption up to 256bit** ThruLink's user-selectable cyphers include: AES, Blowfish & Camellia.

✓ **Secure Authentication** Unique, two-way process.



## Cost Saving

✓ **Cut out the Costs of Leased Lines** Replace leased lines or VSAT links with secure connections over DSL or 3G/4G/LTE.

✓ **Reduce Site Visits** ThruLink is self-healing so maintenance is minimal. If there's a network outage ThruLink will poll the connection until it's re-established then re-build the link automatically. ThruLink also has failover enabling it to re-route traffic to an alternative path if required.

✓ **No Software Licences**



## Fast

ThruLink requires no specialist IP expertise to setup & manage.



## Why ThruLink?

- Secure
- Simple to install and manage
- Resilient - failover re-routes traffic if required
- Optimizes the transmission channel
- Scalable
- Significant cost savings
- Supports master-slave & mesh networks
- Embedded 4G versions

## Where

- Town & city surveillance
- Critical national infrastructure
- Transportation
- Remote data systems
- Emergency services
- Retail & banking
- Government & security services
- Personal, business, medical & financial data

Standard Capacity	Standard Plus	High Capacity	High Capacity Plus
1-4 Cameras 15Mbps	1-10 Cameras 30Mbps	10+ Cameras 100Mbps	10+ Cameras 200Mbps
2 x RJ45 10/100/1000 standard DSL or 3G/4G option	Standard DSL or high bandwidth fiber 3G/4G option	Standard DSL or high bandwidth fiber	Standard DSL or high bandwidth fiber
Wall/vehicle-mount	Wall/vehicle-mount or 19" 1U rack	19" 1U rack	19" 1U rack
Ideal for mobile surveillance	Ideal for larger applications	Ideal for large-scale surveillance	Ideal for large- scale surveillance



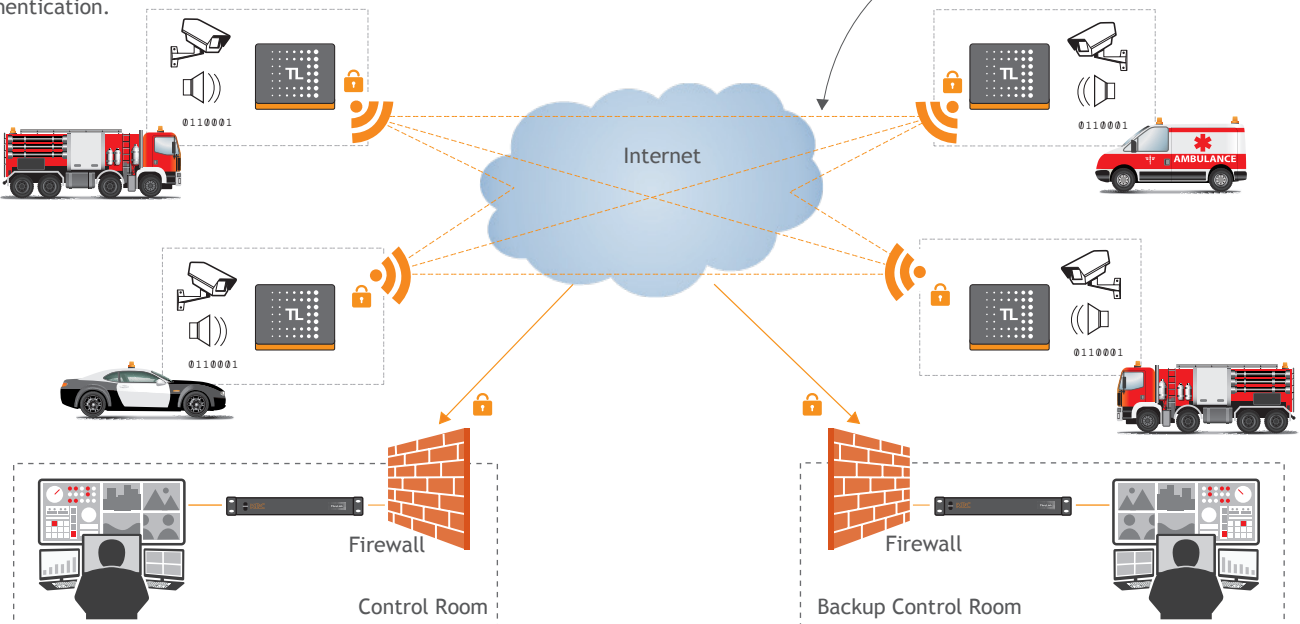
Throughput depends on the available network capacity. The number of cameras is an indication - exact number will depend on capacity available & camera type.

## Typical Applications

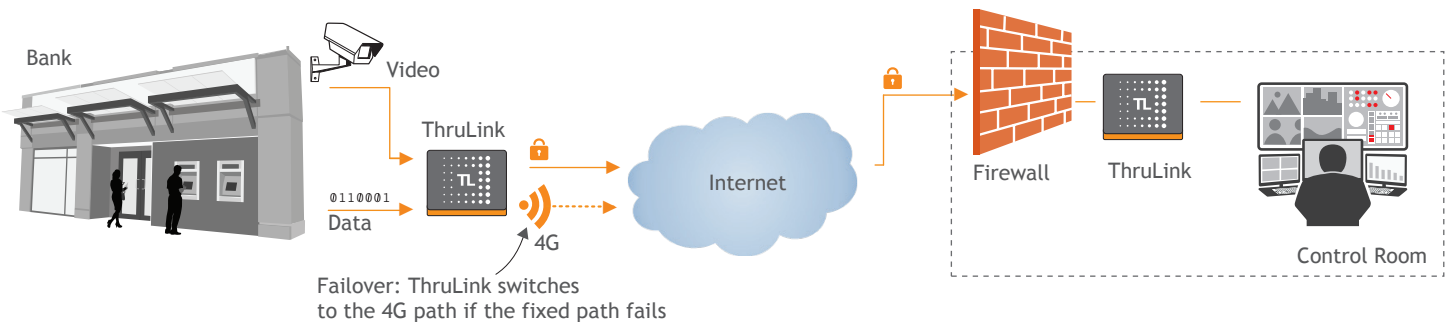
### Emergency Services Major Incident: Secure Video, Voice & Data over 4G

ThruLink enables mesh networks to be established providing network redundancy and allowing direct connection without the need for central server authentication.

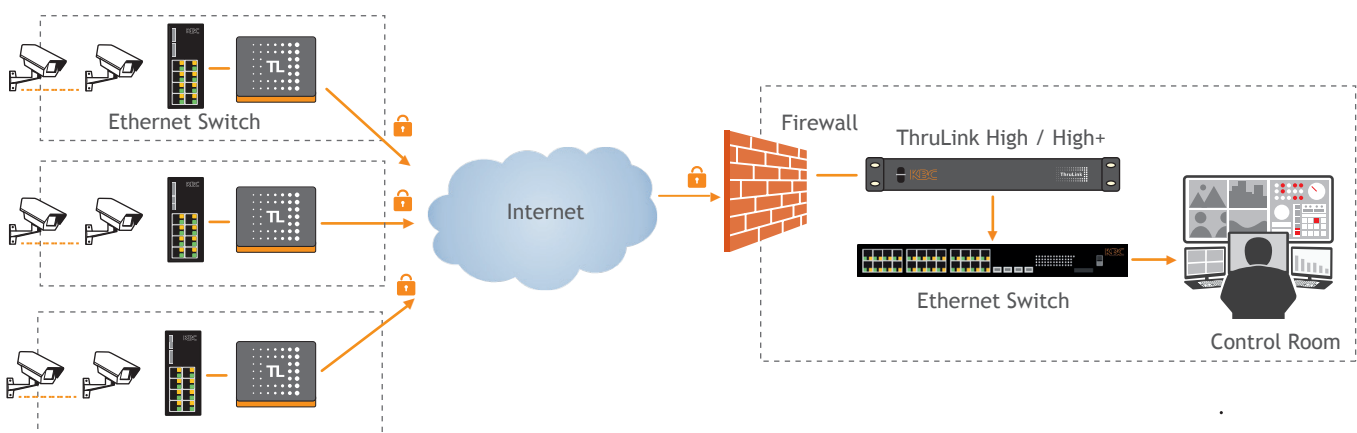
The mesh configuration allows inter-communication between vehicles in addition to communication with the control centre





### ATM Application: Secure Video & Data over the Internet with Failover to 4G



### CCTV or Intelligent Transport System with Multiple Sites



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