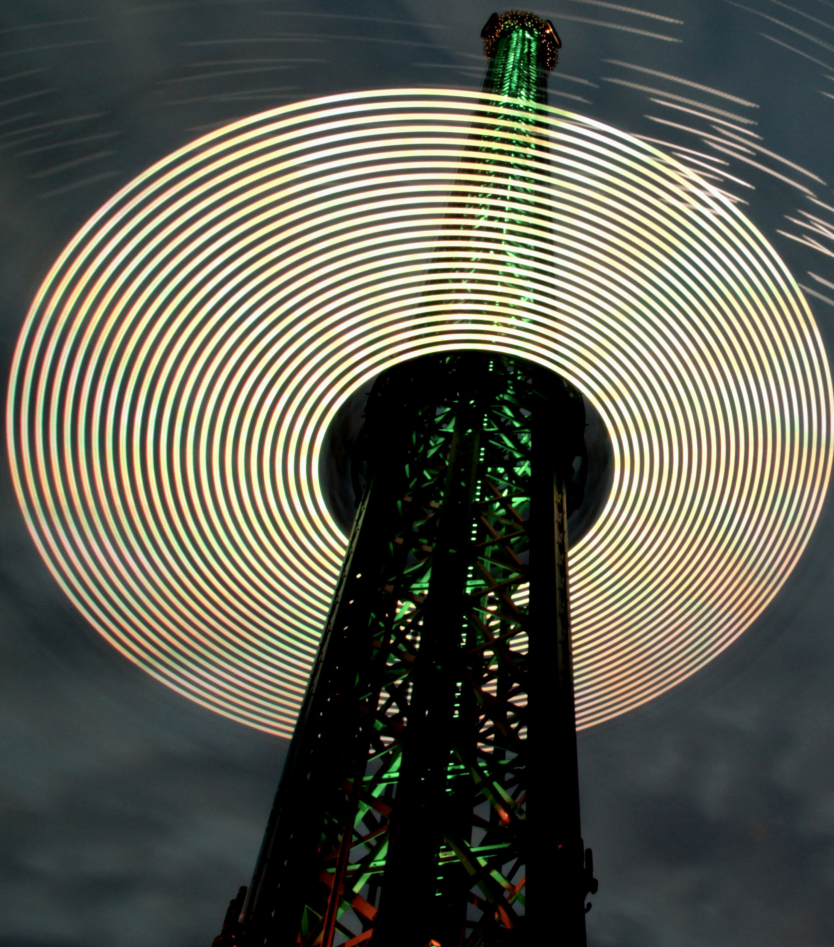


| How to improve your mobile communication?

8 reasons why your organization
should use a mobile VPN



For police & fire agencies; first responders & health services; financial services companies, smart cities, transportation, or any organization with Mission Critical needs for secured mobile interaction; communications need to be **uninterrupted, secured and reliable** at any time.

> How to prevent the communication service interruption?

> How to prevent attacks or hacks on your systems in today's complex digital environment?

Increase Cybersecurity in your system on all your territories with a mobile VPN

By using a mobile VPN (MVPN), communication gets secured and session persistency is assured. The transparent roaming of the software increases interoperability and helps optimize data consumption.

A cellular only operation can **seem** an advantage compared to an LMR system for bandwidth reasons, but the use of a good MVPN adds several core benefits when a LMR network is deployed.



1

Provides Greater Coverage

A MVPN synchronously and transparently uses broadband and narrowband networks for greater coverage. It concurrently allows multiple networks usage for different applications. This results in the best possible use of networks, and it's completely transparent to the users and applications.

2

Optimizes Bandwidth Capacity

A MVPN uses real-time data compression technology. It sends compressible data over-the-air in its minimal form and returns it to its original form once on a wire line server.

3

Maintains Critical Data Operation when Commercial Networks are Overloaded

In crisis mode, when general public is heavily relying on commercial cellular networks to a point that they become unavailable, LMR is king. No time to setup up a special interface. The Mobile VPN autonomously adapts and make sure the available bandwidth is provided to the applications and first responders relying upon them.

4

Automatic Network Selection

Leveraging their mobile VPN application steering capabilities, administrators can define specific roaming profiles to end-user applications. Mobile VPN can automate selection of the LMR System for specific, critical traffic, while optimizing use of broadband networks for bandwidth hungry applications. It can be configured to block bandwidth intensive applications from using the narrowband networks, such that it will never clog the network and keep it available for critical operations. This is instrumental for an efficient use of available networks.

5

Filters Undesired Data

A MVPN can apply specific filtering rules. Only pertinent critical data transits over the air of the precious and limited capacity of narrowband systems. As an example, remote computer operating system constantly tries to communicate to neighboring nodes. Therefore, generating traffic noise on wireless networks and affecting critical traffic. Such data can be filtered out with a MVPN.

6

Increases Visibility on Narrowband Network Status

It informs the end user about the narrowband network status right from the terminal PC or tablet. The user can understand if it is under coverage or not.

7

Fluid Traffic and less Network Retries

Using a MVPN insures fluid traffic and minimizes network retries by adapting the interface transmission parameters to slower and high latency networks.

8

Automatic Dialing

A MVPN allows to automate dialing on narrowband networks such that users do not get the burden of manually connecting to a network. It's possible to automatically dial and setup the connection transparently to the user.



Increase Operational Effectiveness with Mult IP

Mult IP is the only network agnostic mobile VPN solution in the industry to offer simultaneous support for all major wireless network technologies, including IP/non-IP based Public Mobile Radio (PMR) networks, public/private WiFi, 2G/3G/4G and LTE wireless networks as well as broad based satellite networks.

By using Radio IP's **FirstNet Ready Mult IP**, your communication gets secured with FIPS 140-2 compliant technology, and **session persistence is assured** for all users.

- No heartbeats required. No useless data on narrowband network. Mult IP comes with special intelligence that optimizes use of LMR networks and it is unique.
- Real time compression on Mult IP has been optimized for LMR network. You get more out of this narrowband network with Mult IP.
- Mult IP has been specifically integrated and tested with LMR modems. It gets directly informed about network coverage and availability without using heartbeats. Any system using heartbeats on a narrowband network simply won't work, as it quickly clogs the network and kills its capacity.
- Leveraging Mult IP's Concurrent Networks functionality, administrators can allocate one or multiple end-user applications to the roaming profile that best suits the application needs. This added intelligence and flexibility ultimately delivers an ideal balance of coverage, redundancy, reliability, performance and network cost control while delivering consistent, uninterrupted wireless connectivity.
- Mult IP automatically selects gateway for very high availability. It insures independent mobile unit connection to available gateways without use of discovery heartbeats.
- Mult IP enables IT administrators from multiple agencies to share one Mult IP system by creating unique client groups and associated policies tailored to their distinct needs and budget.

With FirstNet Ready Mult IP, you're ensured to:



Multiply Your
Communication
Networks



Continue Operation despite
Commercial Network
Failures or Unavailability



Benefit from Automatic
Load Balancing and
Redundancy

| Why Radio IP?

Radio IP is a leader in mobile communications

Create a Network of Networks! Radio IP delivers innovative Mobile VPN solutions providing secure real-time access to a wide range of applications. Discover the next generation LTE & FirstNet ready MVPN solutions for Mission Critical communication, featuring Concurrent Network, Disaster Recovery and Synopsis analytics. Bridge the best of multiple networks, including all types of IP, and non IP networks to achieve a high level of performance, reliability, and trusted access.

| For more information, contact us.

sales@radio-ip.com

www.radio-ip.com

1-877-717-2242