

## General Information

**Issue:** Transport a VIP across a crowded city without compromising security or totally disrupting the ordinary flow of traffic.

**Solution:** A high speed cellular router with in-built computing power to control traffic signals automatically.

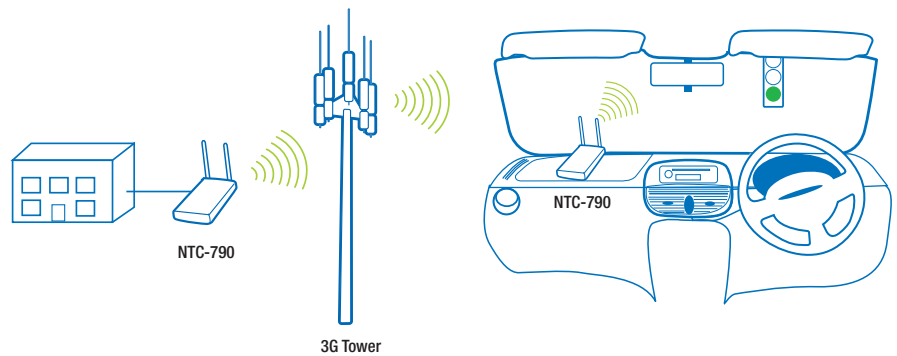
**Benefits:**

- Improved traffic flow
- Cost savings

**Hardware:** NTC-790seu

**Partners:**

- Traffic authorities
- Police / Security services



When Heads of State or other VIPs need to be transported between venues within a city, the logistical difficulties can be immense. With the increased consciousness around security of recent years, the preferred method of achieving VIP transit is with a high-speed motorcade that has priority through all traffic signals. Unfortunately this comes at a huge cost, with regular traffic being brought to a standstill for long periods and the involvement of large numbers of police and traffic monitoring personnel.

A potential solution is to mount GPS tracking devices in the motorcade vehicles. Traffic monitoring personnel then manually change signals to green according to the progress of the VIP. This approach can work, but requires numerous layers of equipment and human interaction. For example, the GPS tracker needs to be interfaced with an on-board computer and then a modem to communicate this data to the traffic centre.

A superior alternative is available. By utilising a high-speed cellular router with an inbuilt computing platform, all these communications needs can be combined into one device.

The NetComm NTC-790 has an in-built GPS

capability and also contains the processing capabilities to have tailor-made software incorporated.

This means that in the above scenario, authorities can have a tracker, computer and communications device all in one.

Better still, the NTC-790 has been purpose designed for extreme environments. Its ruggedized metal case and industrial strength components make it ideal for vehicle mounting where vibrations and wear and tear would quickly disable a standard router. The capability to accept a wide range of voltage inputs is also a success factor.

With the NTC-790 aboard the motorcade, the device can communicate the computer in the traffic management centre, allowing signals to be changed just in time for the vehicles to pass through. This reduces the disruption time and minimizes the use of police and other personnel for road block and switching duties. The security of the VIP is still maximized, but at a much lesser financial and logistical cost to the city they are transiting.