BSS
MATERIEL

Convoy Communications-on-the-Move (COTM)

EtherNudge is designed for a moving task force with multiple people and various vessels, both ground and airborne, that need to communicate continously device to device or with the command centre, while driving. Applications vary from video scouting through the airs to office and video-conferencing applications for the passengers.

City Convoy

For a group of vehicles traveling through the city with connectivity requirements both within the group as well as with the back-office, EtherNudge is creating a "Super-Cell" for IP/LAN communication. Applications are IP based services from office applications to video conferencing. Due to turns and tunnels, communication is often lost and re-acquired. EtherNudge makes this process exceptionally fast and efficient. It reduces the number of re-transmissions on application level to the absolute minimum, resulting in outstanding video and audio transmission results. Optionally the "Super-Cell" may be supported by a central tower device overlooking the city to optimize data transmission rate and back-haul connectivity.

Outback Convoy

For a group of multiple vehicles with UAV air-support for scouting purposes connected via VHF, EtherNudge is creating a "Super-Cell" for IP/LAN communication. Applications are mainly video for security purposes but also office applications. The "Super-Cell" is a LAN environment, in which the ethernet-line is being extended through the air, so that all IP/LAN based applications are supported without delay, with exceptional performance even without Line-of-site (LOS). The back-haul functionality may move to SAT via a dedicated Ku-Link.