

Tower Analysis

KFOR, the Kosovo Force, is a NATO-led international force responsible for establishing and maintaining security in Kosovo. The peace enforcement force entered Kosovo on 12 June 1999. To fulfil its objectives of establishing and maintaining a secure environment in Kosovo, it needed to build and maintain a secure telecommunications network

Important to sustaining this objective is the reliable condition of the radio supporting structures i.e. towers and associated bracketry. The structures in Kosovo are exposed to some of the worst weather conditions and extremes of temperature. They are located in, for the most part, remote areas which are particularly difficult to access during poor weather, so they need to be robust. In addition, installations from third parties are often carried out which can compromise or “overload” the towers.

Shape put together a schedule to inspect all towers on the network, paying particular attention to the tower infrastructure and the condition of the LOS equipment. On completion of all inspections we delivered a full and final report providing detailed drawings of all the towers including all installed antennas and ancillary equipment. The conclusion incorporated recommendations for any strengthening of the towers required, a before and after statement demonstrating the impact of third party users and it also highlighted material deterioration and potential performance problems.



Our quick response and thorough reporting of the state of the towers enabled any serious issues to be addressed before the integrity of the network was compromised.

GET INTO SHAPE

