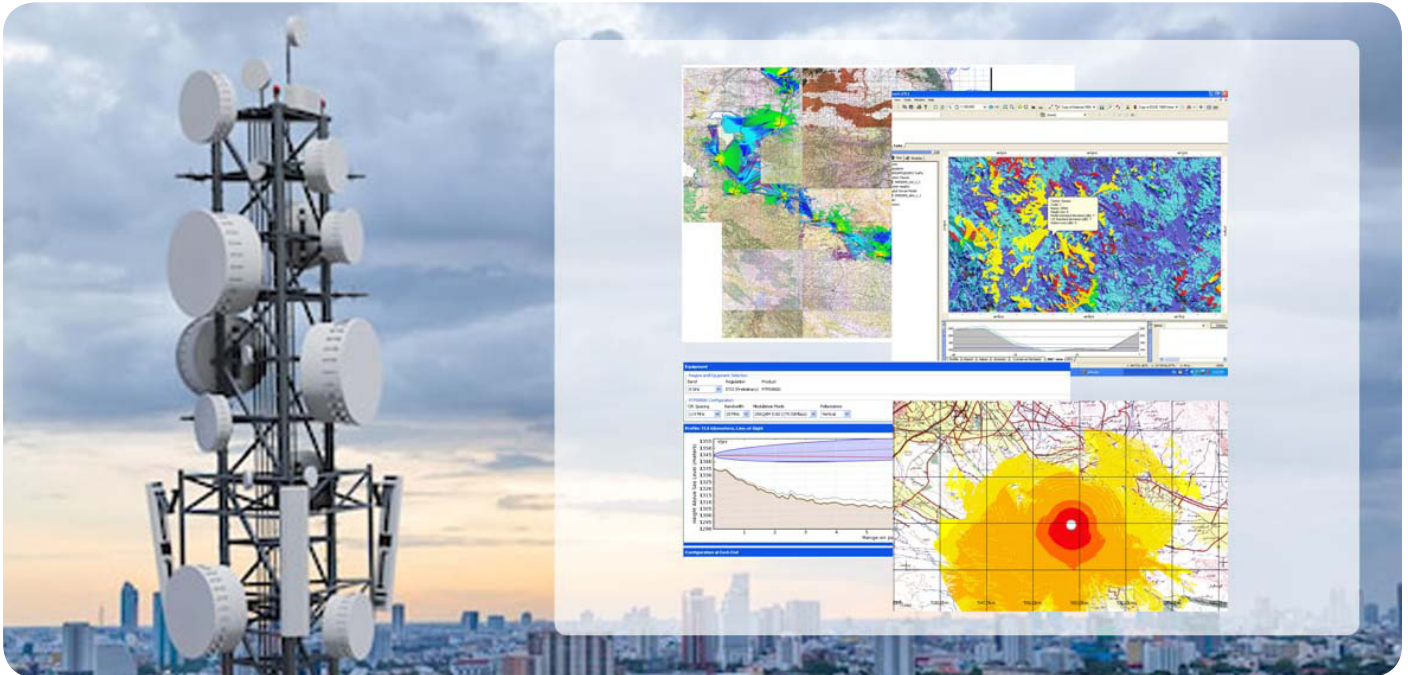




Radio Coverage Analyzing System

Because of increasing air traffic and developing radio communication and as a result accumulation in electromagnetic spectrum, planning and optimizing radio networks and operating control systems are very important. The most important considerable aspects are limitation in frequency spectrum, maximum coverage, and minimum interference. Therefore, powerful analyzing and calculating tools are needed to design airborne radio network.

In order to estimate radio coverage for the UHF/VHF GSM and LTE systems and radio links, Asset, Atoll, and UV Plannet are considered as proper software.

- Interference recognition
- Coverage determination
- Frequency allocation
- Radar coverage
- Link performance determination
- Spectrum display
- Information management