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Wireless Telecommunications Network Design Services

The services in wireless telecom network design range from the initial coverage work through a wireless network simulator to field-data collection, project planning, budgeting and materials' inventory right through to final as-built certification and delivery for all types of wireless communication technologies.

THE Applus+ SOLUTION

Applus+ provides an integrated project-management service for the development of new wireless network designs, from initial concept right through to launch. Our work takes place over various stages:

1. Identification of a suitable network location
2. Verification of the area’s technical and economic feasibility
3. Management of licences and legal procedures
4. Design of the technical solution
5. Preparation of an approved technical project and all other documents required for the purposes of acquiring permits
6. Management and monitoring of works
7. Issuing of final certificates
8. On-side management of occupational health and safety

Our team of highly trained experts have years of experience in telecom network planning and design, with access to state-of-the-art equipment. We work with all the main companies in the sector, giving us a real advantage over our competitors.

Applus+ deploys technicians will in-depth experience of the design and simulation of a secured wireless network, as well as in mobile networks, such as Wimax, Tetra and TDT. We have been designing mobile and wireless networks for over 20 years, partnering with the primary telephone operators as well as with public agencies. Therefore, we know their standards, procedures, regulations and equipment inside out.

Target customers

The wireless network design services from Applus+ are aimed at operators of mobile telecommunications networks (DCS, UMTS, GSM, LTE and 5G) as well as of TV and radio – mainly as private sponsors of telecommunications networks (WIFI, WIMAX, LMDS).

Key customer benefits

Advantages of partnering with Applus+ in design of a new wireless network include:

- Improved QoS (quality of service)
- Optimised networks
- Reduced costs
- Improved relations with public agencies
- Reduced staff workload