

Swing

Connect near, far and wide

A Turnkey Offer



The Swing system is the complete solution for fixed wireless access. It brings together the benefits of the point-to-multipoint backbone and the advantages of the high-density microwave frequency access network. It offers simple and rapid deployment solutions, using a single platform for rural, urban and suburban markets, and allows you to cover vast areas.

The Swing access solution includes:

- Project design (consultation, definition of needs, feasibility study, network architecture, simulation and optimisation, and financing).
- Equipment supply (radio infrastructure network, data transmission, subscriber terminals).
- Project deployment, such as field study, installation, commissioning, and supervision.
- Training (operating the network and equipment, customised training programs).
- Technical support for existing networks and those being extended with implementation of a call control centre.
- Preventive and corrective maintenance by centralised supervision.
- Equipment upgrades and extension of networks.

The best combinations of proprietary and standardised technologies have been chosen to offer the most modern and open-ended voice and data transmission network.



It meets the following objectives:

- Minimise per-subscriber equipment cost
- Increase returns by reducing initial investments and operating costs
- Ease of installation and operation
- Plan for future needs
- Connect subscribers, wherever they are



- Group 3 Fax
- Services accessible from «R», « # » and « * » keys
- Charge pulse and polarity inversion
- Compliance with public network reliability and robustness standards using authentication and encryption mechanisms

- Supplementary PSTN services (All CLASS services, such as call blocking, call transfer and call waiting)
- High-speed V.90 Internet access (56 Kbps)
- High-speed packet data transmission

Swing's modular design allows you to respond to network needs in urban, suburban or rural zones. It can therefore be sized precisely to meet the initial demand and subsequently extended, as the network develops and subscriber demand (PSTN, V.90, Internet) grows. As well, this system does not require major updating to provide services in the future.

Swing allows the operator to offer its subscribers all the vertical value-added services accessible on a wired network. swing is completely transparent to services provided by the local exchange (charge pulse, CLASS services, payphones, Internet access, etc.).

The interface between swing and the local exchange can be either analogue or digital (V5.1/V5.2). Base stations are easily installed indoor or outdoor, and interconnections between systems can be established over optical fibre, wire or microwave links.

Swing can be deployed with a minimum of existing infrastructure. Swing's dynamic channel allocation frees you from long and expensive frequency planning. Installation and commissioning of a swing network take only a few weeks, compared to the required delay to deploy a wired network. Thus, Swing allows you to rapidly meet your customers' needs.

Swing offers a varied and scalable range of services to cover every need (telephone, fax, payphone, Internet access, etc.). The swing system helps you evolve toward broadband wireless loop services, and contributes to the concept that personal communications offers subscribers the services they expect, wherever they are.

The initial investment and commissioning costs of swing networks are significantly lower than those of equivalent wired networks, since only minimum engineering is required. Furthermore, swing allows you to precisely use your network's resources where and when necessary, so no capacity is wasted and investment is proportional to needs.

The swing network management system continuously monitors network performance. This provides a multilevel overview of the network allowing you to view incidents occurring on the network at any time, thus guaranteeing optimum levels of system quality and availability.