Used Alcatel S12 / E10 telecoms equipment

The Alcatel-Lucent 1000 S12 is an optimized, cost-effective multi-purpose voice switch covering the entire exchange application range of local, toll, combined local & toll, tandem and international exchanges.

It offers a magnitude of supplementary features for all connected residential subscribers and a vast range of enhanced features for business subscribers; i.e. Centrex as well as PABX-specific services. Sophisticated solutions for charging, signaling and regulatory requirements meet customer needs fully. Centralized network management ensures economical operation. Internet data handling is of course, not a problem.

The Alcatel-Lucent 1000 S12 also offers a broadband packet fabric and integrated SDH interfaces. This is ideal for service providers seeking to:

Use SDH throughout the network to interconnect voice switches Conduct toll bypass, using the data backbone rather than the TDM backbone Gain large switching nodes for network consolidation Overcome capacity problems at the transit level

Because it offers innovative solutions for VoIP gateway and Softswitch functions, the Alcatel-Lucent 1000 S12 is critical to the smooth evolution from PSTN towards NGN. Compact, powerful and equipped with state of the art technology, the Alcatel-Lucent 1000 S12 is optimally suited to fulfill operators' needs for CAPEX/OPEX reductions while generating new revenues by rapidly implementing new services.

BENEFITS

Centralized network management Integrated Voice over ATM gateway with dynamic VoATM Integrated Voice over IP trunking gateway Internet traffic offload for RSU Clear evolution path from PSTN to NGN, system is NGN ready

FEATURES

Highly scalable High capacity, 240,000 subscriber lines, 150,000 trunks/channels Small footprint due to compact hardware Low power consumption AoDI service Enhanced features for business communication, like Centrex Magnitude of supplementary features for POTS, ISDN, BRA, PRA lines Standard interfaces SS7, V5.2 Integrated STM-1 interface Integrated broadband interfaces SDH, ATM Network side: Trunking over SDH/ATM Access side: PRA, RSU, V5.2 over SDH