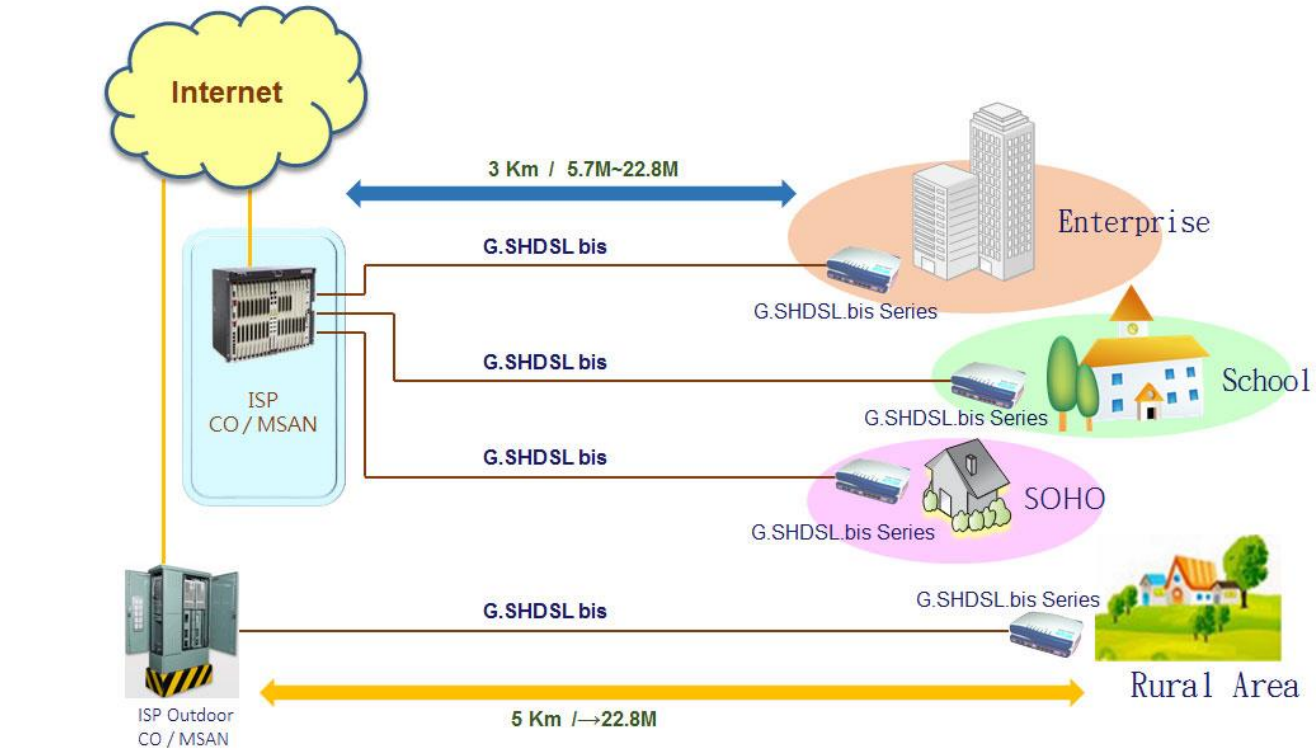
Long-Distance Ethernet Transmission Solution

TAINET Comet series is DSL modem which enables the data to be transmitted through Ethernet interface with the speed of 5.7/11.4/22.8Mbps over EFM bonded 2/4/8 wires G.SHDSL.bis link. G.SHDSL.bis supports high-speed dedicated symmetrical data transmission and utilizes DSL bandwidth. The line rate during extension mode is up to 15Mbps over 2-wire copper line.

Furthermore, Comet 1600 series and Comet 1630 series is compatible with the iEAC-16, the intelligent Ethernet access chassis, working as a central office for ISP long distance Ethernet Access Service. G.SHDSL.bis series is the perfect solution for Telecom Carriers, Service Providers and business users. To reduce the burden of operation/management the operator can control and monitor the remote unit via Embedded Operation Channel (EOC) by following ITU-T G.991.2.Moreover, the administrators can also easily configure all Comet series through Telnet (SSH), Web HTTP/HTTPS) or SNMP agent.

Telecommunications G.SHDSL.bis Applications

Telecommunications companies can use the G.SHDSL.bis solution to provide point-to-point Ethernet extension to ensure connection quality and security. Because long-distance copper wire transmission is susceptible to interference, G.SHDSL.bis can achieve more reliable network extension, solve the problem of long-distance copper wire network transmission, provide dedicated line services for corporate customers, and provide regional network extension services for schools and hospitals to achieve network coverage.



Power and Energy G.SHDSL.bis Applications

G.SHDSL.bis is mainly used for remote monitoring, data transmission and power equipment control in the power and energy fields, including the start, stop, parameter adjustment and other operations of remote substations, transmission lines, distribution networks and other equipment, and transmits monitoring data to the control center quickly and stably to achieve real-time monitoring and management. In particular, the high-speed transmission capability makes data transmission more efficient, reduces latency, and improves system stability and reliability.