

## KEYMILE UMUX 1200 sets new benchmarks for customer located systems or compact network equipment.

**The compact design, the powerful interfacing capabilities and the rich mounting options open up a whole new area of applications for this member of the UMUX family.**

### SMALL – BUT FULLY UMUX!

The UMUX 1200 shares the same product concept and architecture as its big brother, the UMUX 1500.

The UMUX 1200 combines carrier grade multiservice delivery over copper and fibre loops with traffic multiplexing and aggregation functions within a single network element.

The services offered range from traditional telephony, broadband Internet access and private circuits to new services such as Ethernet Private Lines, Triple Play or Voice over Packet. On the network side, it offers built-in SDH (STM 1 ADM or TM), Gigabit Ethernet or ATM functionality for traffic backhaul, making it an integral part of the transport network.

In order to meet the requirements of customer located applications, UMUX 1200 features an integrated AC power module that is capable to charge/control a co-located battery backup package. This allows for the implementation of a fully integrated and autonomous battery backup solution. For applications with standard telecom power, a DC power module is available as well.

As a member of the UMUX family, UMUX 1200 network elements can be managed by means of the well proven UCST (EMS) and UNEM (NMS).

### SEAMLESS MIGRATION

Investing in the UMUX platform means buying in to a migration strategy that supports your needs well in to the future.

UMUX enables Next-Generation Access today and provides operators full control of their migration plan. It ensures smooth and step-wise transition from circuit based to broadband packet based networks, whilst protecting investments.

### APPLICATIONS

In a fibre to the business network scenario, the UMUX 1200 is used as a customer located multiservice access node being able to deliver a variety of services to mid/large size enterprises.

To meet today's broadband delivery needs, the range of services on the UMUX includes Fast Ethernet, ADSL, ADSL2+ and G.SHDSL.

The combination of feature-rich and robust DSL (HDSL, S-HDSL and G.SHDSL) copper transmission capabilities with optical transmission and cross-connecting make the UMUX 1200 ideally suited for mobile network applications. The compactness of the equipment allows for direct integration into GSM, GSM-R and UMTS base stations.

Thanks to the built-in ATM capability, the UMUX 1200 can act as a modern mini-DSLAM being able to deliver broadband (bundled) services to up to 64 remote service users.

### FITS INTO EVERY NETWORK

The powerful set of services and interfaces allow the UMUX 1200 to play a part in any network scenario. Furthermore, through the use of open interfaces, its compatibility with other elements of the network is assured.

The modular UMUX 1200 is available either in a compact 19" rack version or in a wall-mount version. Both mechanical versions feature an 8 slot chassis. For the rack version, the same chassis can be installed in an ETSI rack using rack adapters.

Contact us to find out more about the UMUX 1200.

