

## Versatility Increases Success – BKtel’s Enhanced XON FTTH Modular Media Converter Portfolio



No matter if it concerns the housing industry, a city carrier or a utility company – easy planning and scaling of the network infrastructure is a key point in the FTTH deployment process. Terminating the network with a CPE of BKtel’s XON modular FTTH media converter portfolio enables the most beneficial solution for this challenge.

The XON converter family provides a modular solution separating passive and active FTTH technology. The XON wall-mount and fibre termination unit acts as a passive network termination and can be installed independently from the active XON modules. In this way homes can be connected in a cost efficient way with the fibre protected from dust and other environmental influences.

A further advantage is the reduction of operational costs for the network operator. Simple insertion of the active XON module into the wall-mount unit and placing into operation is carried out by the end user. Modification in service or technology requires only an easy carried out exchange of the active equipment.

### **Latest technology designed for the living room**

A timeless housing design in the smallest form factor suitable for the living area: Winner of the Red Dot Award 2014. Thanks to the sophisticated visual and haptic exterior of BKtel's XON FTTH media converter housing the end-user acceptance for FTTH technology installation in living areas is increasing rapidly. Excellent quality and robustness guarantee a long life time and a high reliability, preparing the network for future bandwidth requirements. Following the highest telecommunication standards the XON FTTH media converter product family combines professional equipment with needs of the residential end user.

Thanks to its modular concept the active XON FTTH media converter module can be used in various point-to-point FTTH applications. The modules are available in different versions, each for single or dual fibre topologies:

The established XON1200 FTTH media converter module is available with following options:

- XON1200.SC with CATV and 1x Gigabit Ethernet
- XON1200.S with 1x Gigabit Ethernet
- XON1200.C with CATV
- XON1200.C WDM CATV for using in G / GEAPON networks
- XON1200.L loop-back module for test measurement purpose

NEW - The latest member of BKtel's FTTH portfolio, the XON1300 FTTH media converter module completes the current portfolio by offering following features:

- XON1300.SC with CATV and 4x Gigabit Ethernet
- XON1300.S with 4x Gigabit Ethernet

**Advantages to raise the attractiveness**

There are a lot of application scenarios for different target groups which can be addressed with BKtel's XON1200 / XON1300 FTTH media converter solution. Due to its modular and flexible system architecture i.e. real-estates or housing companies can benefit from finding and binding tenants by raising the attractiveness of their premises. After installing the passive XON30.W wall mount unit each subscriber is free to make his choice of services. The active XON FTTH media converter module can be mailed for enabling a quick installation or replacement.

Furthermore utility companies are extending their portfolio to include internet, telephony, CATV and on top services such as smart metering or smart home applications. When building new infrastructures, connections with XON1200 / XON1300 up to the subscribers can be planned with high flexibility. Once the XON30.W wall-mount unit is installed the activation of the connection can be made later without great service costs.

FTTH networks are future-proof investments for cities, municipalities and communities. Thanks to pre-installation, the investment for a fast FTTH rollout and the costs for service are reduced to a minimum.