

## **Abstract of FTTH Council Presentation: Fiber in the backhaul**

The Explosion of bandwidth in mobile broadband is a phenomenon that is causing a dilemma for different Service providers and mobile operators. The Internet traffic and different Walled garden application has increased the challenges of operators in managing their Bandwidth & Cost/bit as well as OPEX and CAPEX.

Fiber in the backhaul with its different Architectures is a Silver bullet to absorb the Bandwidth generated by Operators with controlled CAPEX and OPEX and future proof evolution for foreseen 4G applications.

Different FTTx architectures can fit in this solution but fiber all the way to the Cell site in Point-to-point or GPON can be very effective.

Integrated operators can leverage triple play FTTH deployments to extend the Fiber reach to the Cell site in an effective Business Case with maximized returns.

The MENA region and specially the GCC region is taking concrete steps towards Fiberization of the access network towards the Cell site to leverage their network deployment and find a cost effective equation to their 4G deployments bandwidth needs.

Fiber in the Access and 4G mobile deployment go together hand in hand to decrease the cost per bit for Broadband deployment.

We shall see an increasing trend in this across MENA develop to convergent network infrastructure approach.