



**ITU/BDT Regional Seminar on
“Fixed Mobile Convergence and new network architectures for the ARB Region”**

Tunis, 21 to 24 November 2005

Proposed paper: *advantages of IP Based architectures for Wireless networks in countries with Low Fixed Line penetration*

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Abstract:

The evolution of wireless technologies and the relative cost and ease of deployment have modified the landscape on which it is planned the development of the telecom infrastructure of regions of the world.

At the same time evidence is emerging in several countries that even a large mobile penetration is not good enough to promote economic growth if the fixed infrastructure is lagging behind in its ability to provide voice and data across the country at the right price point as needed to support small medium enterprises modernization/development.

Many of the country with low telephone density need however to use architectural solutions that can grow with the needs and be able to deliver all kind of services in the easiest possible manner.

At the same time the trend, in many countries, of existing/new operators to offer all kind of services to the customers they can reach with the removal of some regulatory barrier suggest that the network configuration becomes an important element in planning the development.

The presentation will focus on the IP based configuration in Wireless Networks and relative advantages including the ability to handle all kind of services on the same backbone