

NGN Planning and Migration Paths for Developing Countries

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Developing country's telecom sector, with all transitional problems, is facing with the need to migrate from the existing networks to Next Generation Networks (NGN). It challenges many technological and regulatory issues. Different regulatory models could be applied. Also, considering that provision of NGN is an evolutionary process it is necessary to define techno/economic solutions for approach towards the NGNs as a target networks. ITU-D Guidelines on migration of existing networks to Next-Generation Network for developing countries offers a good basis for building migration path. The experience of developed countries is useful and helps in defining the regulatory approach. The presentation discusses the ITU-D Guidelines methodology for planning the deployment of the NGN in developing countries. The example of Serbian incumbent operator's NGN migration path is presented too.