

NGN Planning and Migration

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Policy makers and operators from developing countries, with all others restructuring problems, are facing with migration from the existing networks to the Next Generation Networks (NGN). Considering that provision of NGN is an evolutionary process it is necessary to plan techno/economic approach towards the NGNs as a target networks. Within this process following objectives should be consider: convergence between the packet-based Internet and telephony networks, multiple architectural models, separation of transport, control, management and service functions, reduction of cost for the network infrastructure and its maintenance, maximum reuse of the existing resources, coexistence with the existing services, optimum use of the new technologies and new services and applications, comparable QoS and regulatory issues. The presentation deals with methodology for planning the deployment of the NGN in developing countries and NGN impacts on Universal Service policy.