

Emerging Trends in Infrastructure Sharing for faster BWA/IMT Deployment

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Abstract

This presentation describes emerging trends in Infrastructure Sharing leading to unprecedented growth in mobile telecommunication services. It is based on the ITU report on “Trends in telecom Reform 2008- Six Degrees of Sharing”. It covers various types of infrastructure sharing like passive infra, active infra and managed services. It makes use of Indian case study of infrastructure sharing to achieve the unparalleled mobile growth in 2G segment and has lot of learnings to be emulated for emerging IMT technologies.

Detailed discussion on relevance of infrastructure sharing for accelerating 3G and IMT deployment as well as NGA domain has been discussed. It also covers the concept of Functional Separation (FS) as a mean to unlock the potential of incumbent's infrastructure and to accelerate the growth of network deployment and competition. In addition the utility of Interconnect Exchange (IX) as a common shared point of Interconnect for faster delivery of multi-operator services has been discussed.