

Decision Making Requirement in Network evolution, Strategic Planning and solution mapping

Abstract

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- Within the current expansion of technologies and Telecom solutions, a variety of requirements are posed to the network planners and designers that expand their traditional requirements. Paper analyzes those requirements for the today competitive environments in the decision making process for network solutions and services.
- A review is made of the planning domains needed to respond to previous requirements and the methodologies that support the different activities of planners at strategic long term and medium/short term for the network.
- Specific emphasis is done on the strategic planning activities in competition such as market segment selection, technology alternatives assignment, service introduction strategy, network evolution steps and convergence
- An example is provided for the modeling for solution mapping in the access segment where a myriad of alternatives appears today and geo-scenarios are analyzed to decide which one is best from the techno-economical point of view. Some mapping results illustrate the importance of the adequate solution mapping for the economical results and some recommendations.