

ITU One-day Seminar on tariff policies, tariff models and methodologies for the determination of costs of services provided with NGN.

Geneva, Switzerland, 8 September 2008

Country presentation: Telefónica, Spain

Daniel Catalán, Telefónica Spain

Abstract

- Next-generation network (NGN) offers the convergence of fixed and mobile telecoms services and data networks. Charging capability in NGN will handle charging associated to all sort of services and applications rendered to the end-user. Main goals as well as main charging dependencies are described.
- NGN charging requires a special rating engine. This rating engine should be able to charge and correlate different sessions spread simultaneously among different associated bearers for the same subscriber. Therefore, Charging Correlation among different charging sources located in different layers is introduced.
- Besides, in NGN networks, the subscriber should understand how each service is priced and, in order to fulfil this aim, Real Time Control and Charging versus Offline Control and Charging are analysed. Additionally, the idea of service independence of customer payment solution is raised.
- Several NGN Services Charging examples are given: from complex fixed and mobile service bundles to data services and their specific fair use policy.
- Charging convergence main drivers are described: user experience, online control and charging as a value added to the service rendered, cross promotions and bundles, and time-to-market of new charging services.
- Finally, some recommendations regarding NGN charging are outlined.