

Marco Carugi (Senior Expert, ZTE Corporation), November 12th 2010

Abstract of the proposed talk "Service Delivery Platforms and Cloud technology in next generation networks and services"

Service Delivery Platforms (SDP) and Cloud Computing are currently two of the hottest topics in the Telecommunication market, and a growing interest from both business and technology perspectives is expected over the next period in all the different segments of the telecommunication value chain (end users, service providers and network operators, application providers, equipment providers).

The standardization activity on these topics, started in specific items (e.g. APIs for SDP, security and data center for cloud), is now integrating a more global perspective on future telecommunication services and network infrastructure enhanced by service delivery platform and cloud approaches, and various international standards development organizations, including (but not limited to) ITU-T, IETF, OMA, are becoming very active in this space.

The presentation will provide an overview of the key business drivers and technology components behind these growing areas, focusing on Service Provider centric SDP for NGN and on Cloud enabled services and telecommunication network, and including the anticipated relationship between the two subjects in terms of business and technological trends.

The talk would also provide information on recent significant standardization initiatives related to the two topics, in particular in ITU-T (SG13 and Focus Group on Cloud Computing) and in IETF, the author being directly involved in both of them.

Finally, some key elements of the advanced technology and business offers from ZTE in this space will be presented.