





Next Generation Network Requirements

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ITU-T Workshop on "Next Generation Networks: What, When and How?"

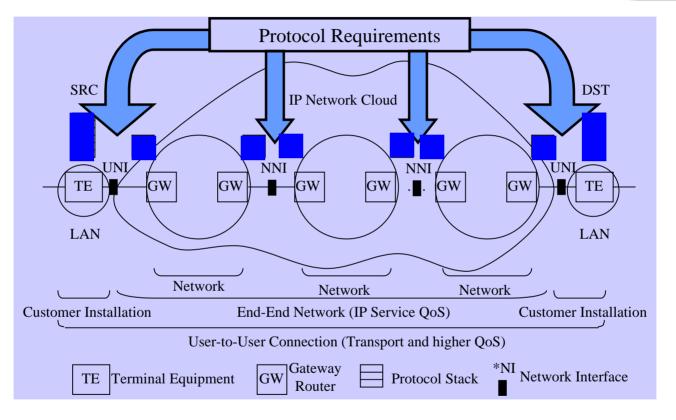
Geneva, July 9-10, 2003



Committee T1 Requirements

- Interworking with PSTN and 3G Wireless
- Transition from Circuit Switched
- Reliability and QoS Control
- Security for Users and Networks
- Standard Network Interfaces
- OAM&P

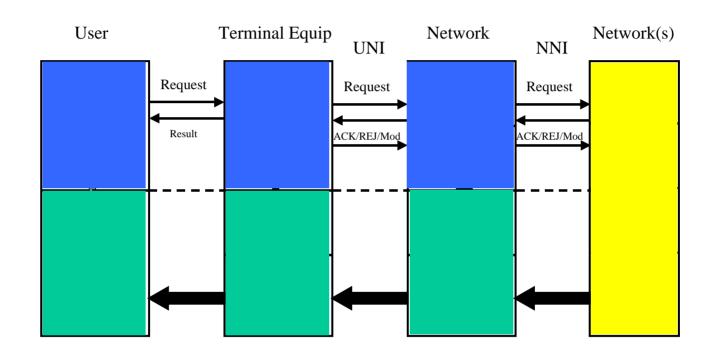




Source: TD 43 (WP 2/11) Geneva, 11-22 November 2002



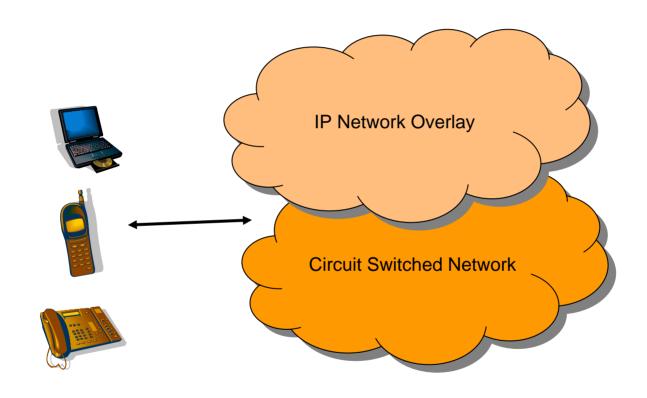
Architecture of IP Signalling



Source: TD 43 (WP 2/11) Geneva, 11-22 November 2002

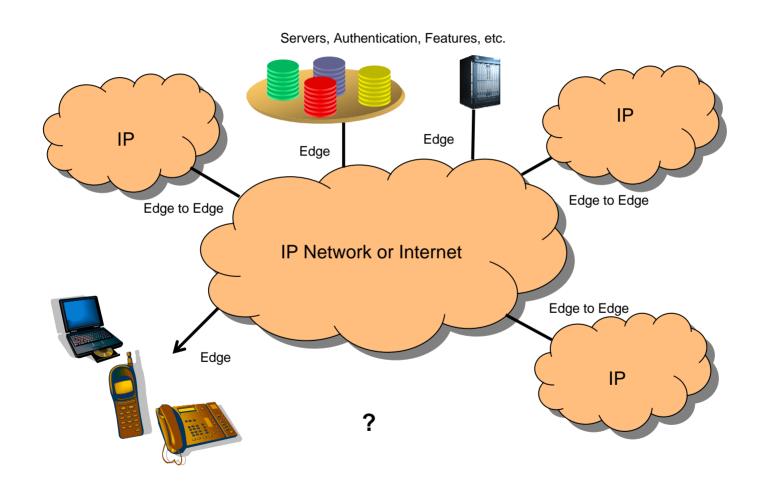
Probable Overlay



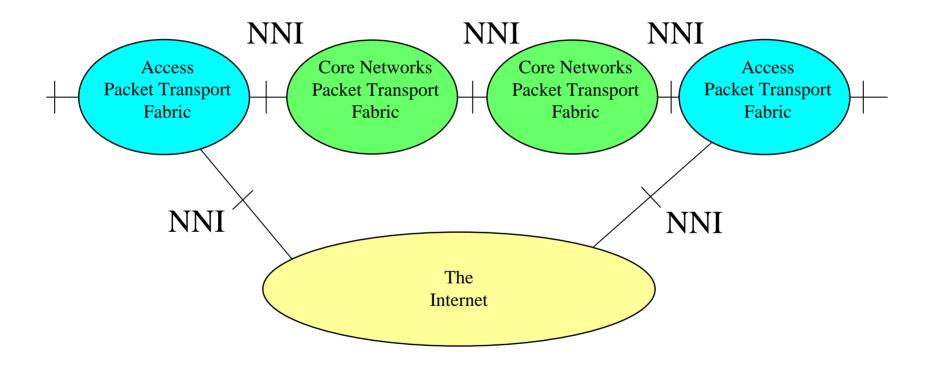


Everything is on the Edge

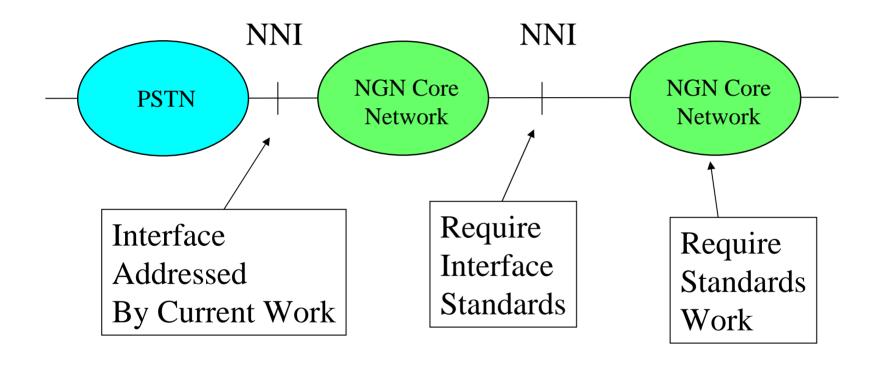




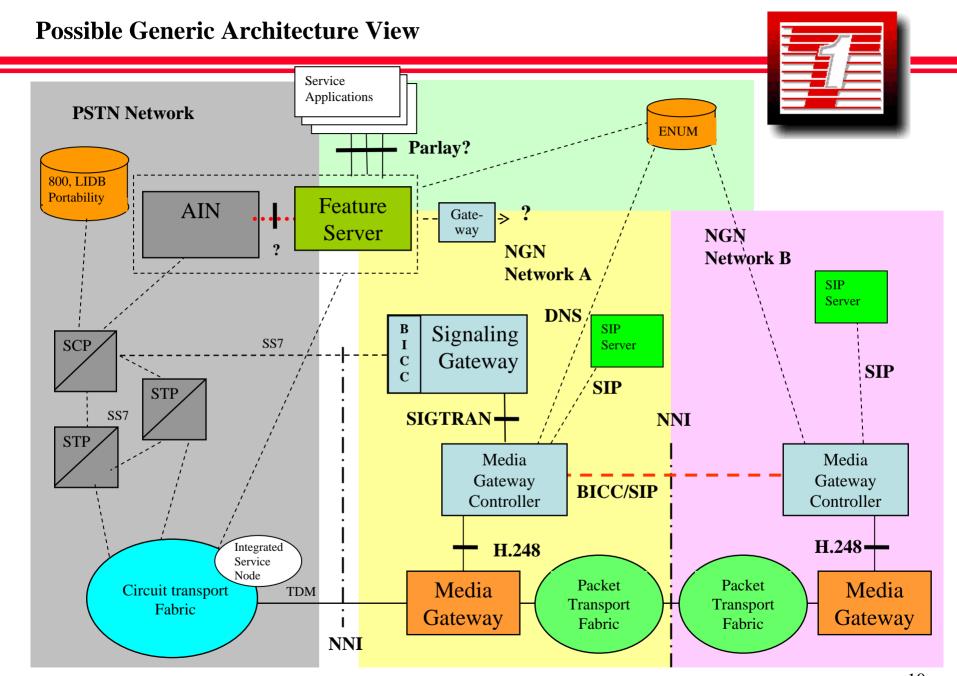








Generic Architecture Confusion Parlay? Feature/Application **AIN** Service Server **Applications** 800, LIDB **Portability** API SS7 SCP Other Media SS7 Signaling **ENUM** Gateway Gateway \mathbf{C} Controllers SIGTRAN? SS7 STP Media SIP Server STP Gateway Controller SIP H.248? Integrated Service Packet transport Node Fabric Media Circuit transport **Fabric** Gateway



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Thank You

For Your Attention.

Questions?