

Abstract:

All mobile operators with both 2G and 3G license require the maximum reuse of the existing infrastructure when building the 3G-network.

Because of the importance of a seamless mobile network, Ericsson has been involved and working very much with definition of the interfaces, new protocols and to create a solution for integration of the 2G and 3G mobile systems.

Ericsson as a leading company in the telecommunication field is active in all standardization forum, including ITU, 3GPP, etc.

Ericsson Seamless Network for 2G and 3G, includes:

- Common core & Service network
- Common Network Management
- Common Transmission
- Common sites (one seamless radio network)

Good Quality of Service, requires the possibility of Handover between the existing 2G and 2.5 G network and the 3G network. With respect to this requirement, the best effort service, in both GSM/GPRS and WCDMA will be achieved with the seamless network from Ericsson.