

**Agenda Item:** 6.4  
**Source:** SAMSUNG Electronics, LGIC (TTA, KOREA)  
**Title:** General requirement for interworking with 3G IS-41 Networks  
**Document for:** Discussion, Decision

---

## **Background**

In Korea, there are only IS-41 Networks. In this environment, the interworking function with IS-41 networks is necessary in order to introduce the 3GPP system in Korea. According to the ITU-T Q.1701, NNI Interworking function with other IMT-2000 family shall be recommended.

## **Objective**

In order to lead IMT-2000 systems, the general requirements for 3GPP service and system aspects must support functions and structures for interworking with another networks.

Accordingly, 3GPP core network must support the interwork function with 3G IS-41 network which is the largest network among another networks except 3GPP core networks.

By the above point of view, we suggest that the requirements for the roaming, the handover, and the interoperability of VHE have to be reflected onto the 3GPP baseline documents for service requirements with the following priorities:

- Roaming (mandatory)
- Handover (optional)
- VHE Interoperability (optional)

And, it is necessary to make the target time –schedules for the complete specifications of the above suggests.