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GSM-A SERG
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Liaison to: 3GPP SA
Source: SERG - GSM Association
Title: **Service Requirements for Security in UMTS**

The GSM Association is keen to see early introduction of adequately secure roaming for UMTS.

The enhanced security of GSM relative to competing network standards has proved valuable and necessary. However, the level and scope of this security has changed little in the last ten years, whereas the threats and experiences have developed in this period.

It is considered essential by the GSM Association that Release 99 shall incorporate mandatory support for:

- Mutual Authentication
- Longer Key Lengths
- Security of Inter-network Signalling (eg SS7)
- Network Wide Encryption (or at least the hooks for this)

To base the Core Network on Release 98 standards would **not** be acceptable.