Source: **Gemplus**

Title: **WLAN: ad-hoc session on WLAN application**

Document for: **Information and decision**

Agenda Item: **7.10**

1. Introduction

At SA3#34 meeting an ad-hoc session on WLAN application took place in order to determine the benefits of the introduction of EAP support in the UICC in TS 33.234 and the feasibility of including this feature in Rel-6 or further releases.

2. Discussion

It was clarified that EAP support in UICC could be performed by means of a WLAN application or enhancements of the USIM. The definition of an independent WLAN application is related to business reasons, so SA1 should be consulted. So, the discussion focused on the interest of specifying USIM enhancements to support EAP in UICC for Rel-6 or further releases.

It was agreed that USIM enhancements to support EAP in the UICC provides some improvements from both deployment and security perspectives. However, the balance between the needed standardization/implementation work that is needed and the benefits it does provide is not yet clear. Some further and more detailed analysis is required.

3. Conclusion

Not enough benefits were yet identified to justify the postponement of Rel-6 WLAN security TS freeze date in order to specify these USIM enhancements. Some more studies are required to decide on the introduction of the EAP support in UICC.

SA3 are kindly asked to decide whether this decision has to be reported to TSG SA during WLAN presentation at TSG SA plenary or by means of an LS.