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Phoenix, USA

Source: Stuart Ward, Orange

Title: Reply to S1, T2, T3 on UE Functionality Split Security issues

Agenda Item: 9.9

The current security architecture provides authentication of the USIM (UICC) there is no authentication of the UE or any protection of the data elements transferred across the UE SIM interface (11.11)

That said S3 is very interested in finding a way to encompass security of multi-component UE devices. There have been several proposals on how this could be achieved. The following principals should be considered when considering these proposals.

- The security mechanisms should be as strong as that already established for the single component UE.
- The services used and the associated charges must be clearly attributable to a USIM and to an IMSI subscription.
- The confidentiality of any inter-linking system should be presumed to be insecure, but it may not be appropriate for us to standardise encryption protocols on these links.