

**3GPP TSG SA WG3 Security — S3#29**  
**15 - 18 July 2003**  
**San Francisco, USA**

**S3-030435**

---

## LIAISON STATEMENT

---

Title: Mobile PKI service enabler  
To: 3GPP TSG SA WG3 and 3GPP2 TSG-S WG4  
Source: OMA SEC/SCT WG  
Contact(s): Herve BRUGAL Gemplus  
+ 33 (0) 4 42 36 60 24  
herve.brugal@gemplus.com  
Attachments: n/a

### 1 Overview

OMA SEC group has released a complete set of specifications to enable mobile PKI based services and applications.

This set of enabler specifications covers:

1. Mobile device security element
2. Security element bootstrapping
3. User enrolment mechanisms
4. Certificate profile
5. CRL profile and OCSP mobile profile
6. End-to-end transport layer security
7. Application layer digital signature

Based on the 3GPP SA3's work item SP-010622\_S3-010704 on "Support for subscriber certificate," OMA SEC understands that the main work item's goal is to address topics (2), (3) & (4) above, while leveraging existing 3G-network infrastructure and authentication protocols.

### 2 Proposal

OMA proposes that all three organizations (3GPP, 3GPP2 and OMA) collaborate to progress this work item. As an initial step, OMA SEC proposes that progress reports and development plans are shared in order to identify areas of potential overlap and/or reuse.

### 3 Requested Action(s)

OMA SEC would be pleased to provide and discuss the set of specifications that they have issued to address the above topics.

OMA SEC would be interested to evaluate how the work they have done on items (2), (3) & (4) could fit with the work currently being done by 3GPP SA3 and 3GPP2 TSG-S WG4.

OMA SEC would also appreciate if 3GPP SA3 can elaborate on their current plans to address topics (1), (5), (6) and (7).

The Open Mobile Alliance takes no position regarding the validity or scope of any intellectual property or other rights that might be claimed to pertain to the implementation or use of the technology described in any information exchanged pursuant to this liaison or the extent to which any license under such rights might or might not be available; neither does it represent that it has made any effort to identify any such rights. The Open Mobile Alliance makes no determination that the assurance of reasonable and non-discriminatory terms for the use of a technology has been fulfilled in practice. Certain licensing obligations as set forth in the Open Mobile Alliance membership documents pertain to the Open Mobile Alliance members only and do not extend to non-members.

## 4 Conclusion

OMA SEC proposes close collaboration among 3GPP, 3GPP2 and OMA with the expectation that this collaboration will promote finding the best solution to support subscriber certificates.