

TSG-RAN WG3 meeting #7  
Sophia Antipolis, 20-24 September 1999

***TSGR3#7(99)a97***

TSG-RAN WG3 meeting #6  
Sophia Antipolis, 23-27 August 1999

***TSGR3#6(99)a23***

**To:** 3GPP TSGs R3  
**Source:** TSG S3  
**Title:** Ciphering in the case of multiple RABs

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In an LS to S3 from R3 (R3-99790), the following questions were asked regarding the use of ciphering when more than one Radio Access Bearer is assigned to a user:

- if ciphering is requested, should all the Radio Access Bearers used by a single user be all ciphered?
- or should it be provided the possibility to only cipher a subset of the Radio Access Bearers?

S3 can confirm that it is not necessary to provide a mechanism where only a subset of simultaneous Radio Access Bearers assigned to a single user are ciphered. Moreover, even when security is provided at the application layer for a subset of the Radio Access Bearers (e.g. data bearers supporting secure IP services), access link encryption should still be applied to these bearers.