

**Source:** TSG CN WG4 Chairman  
**Title:** Work Item Description – Inter system Roaming  
**Agenda item:** 8.2  
**Document for:** INFORMATION

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### Work Item Description

Title: Inter System Roaming

**1 3GPP Work Area**

	Radio Access
X	Core Network
X	Services

**2 Linked work items**

*1. SA3 Work Item on Enhancing home environment control of security*

**3 Justification**

3GPP TSG WG SA3 provided requirements on Authentication procedures (i.e. Authentication Failure Report, Authentication Status Report) for 3GPP2 subscribers roamed within 3GPP networks. Without a specified roaming environment it is impossible to use the required authentication reporting enhancements, since the subscriber needs to have the possibilities to trigger mobility management procedures to identify himself/herself within the Visited network (i.e. 3GPP).

A strong need for a complete picture of the intersystem roaming is required to ensure that all aspects are adequately addressed.

**4 Objective**

The objective of this WI is threefold:

- Define the necessary Mobility Management functionality to ensure proper inter system roaming
- Define the necessary Call Handling functionality to ensure proper inter system call termination
- Define the necessary Authentication functionality to ensure proper inter system authentication

**5 Service Aspects**

3GPP2 users can roam into 3GPP networks. Service requirements are required to be identified.

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

None

**8 Security Aspects**

Authentication information retrieval & reporting needs to be addressed

**9 Impacts**

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No		X	X		X
Don't know	X				

**10 Expected Output and Time scale (to be updated at each plenary)**

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
New TS	Inter System roaming – stage 2	CN4		CN#14	CN#15	
New TS	Inter System roaming – stage 3	CN4		CN#14	CN#15	
Affected existing specifications						
Spec No. -	CR -	Subject To be determined		Approved at plenary# CN#15	Comments Other Stage 2 and Stage 3 specifications may be impacted as a result of this Work Item	

**11 Work item rapporteurs**

**12 Work item leadership**

CN4

**13 Supporting Companies**

**14 Classification of the WI (if known)**

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)