

TSG-SA Working Group 1 (Services) meeting #1
Sophia Antipolis 1st - 5th February 1999

TSG S199-101

Agenda Item: 06.02.09
Source: Jumoke Ogunbekun
Title: Virtual Home Environment
Document for: Discussion, Decision

Topic: Work Item on UMTS VHE for R99.

Ax Virtual Home Environment

Virtual Home Environment (VHE) is defined as a concept for personalised service portability across network boundaries and between terminals. The concept of the VHE is such that users are consistently presented with the same personalised features, User Interface customisation and services in whatever network and whatever terminal (within the capabilities of the terminal), where ever the user may be located.

Ax.1 SMG Work Area

x.1 3GPP SA

X	WG1: Services
	WG2: Architecture
	WG3: Security
	WG4: Codec
	WG5: Network Management

Ax. 2 Linked work items

1. CAMEL Phase 3
2. SIM Application Toolkit
3. MS Application Execution Environment (MExE)
4. Service Continuity and Provision of VHE via GSM/UMTS
5. VHE evolving from CAP (WI in TTC SWG641 AND SWG661)
6. Open Service Architecture

Ax. 3 Justification

In third generation systems for R99, the intention is to support evolved second generation services and to support the creation of services using existing service capabilities which are CAMEL, MExE and SAT (SIM Application Toolkit). The identification of other methods for later releases will be identified to enable smooth evolution and service continuity.

Service architecture will be defined for Release 99 and this will also identify open interfaces that will be standardised.

VHE enables the management of services by creating and controlling of Service Profiles. The level of service management needs to be defined.

This work item addresses the basic requirements of VHE, control aspects of VHE service provision aspects of VHE and Service management aspects of VHE.

Ax.4 Service Aspects

This work item proposes to define:

- 1) Roles and components involved in realisation of VHE
- 2) Service features and service capability in relation to VHE
- 3) Requirement for the VHE components
- 4) Open Interfaces involved in realisation of VHE
- 5) Service Management role in VHE

Ax.5 MMI-Aspects

None identified

Ax.6 Charging Aspects

The charging aspects are covered in the UMTS Charging & Billing work item. Any particular requirements related to VHE will be highlighted.

Ax.7 Security Aspects

High level security requirements will be identified but a detailed study is not within the scope of this work item. They will be handled by WG3.

Ax.8 Impacts

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

x.9 Expected Output and Timescales (to be updated at each plenary)

This work item is for release 1999

Affected existing specifications				
Spec No.	CR	Subject	Approved at SMG#	Comments
UMTS TS 22.21		Virtual Home Environment		
UMTS TS 22.20		Service Management		
UMTS XX.XX (SMG 12) doc. C-99- 348-2		VHE OSA		

Ax.10 Work item rapporteurs

UMTS 22.21 Jumoke Ogunbekun –Fujitsu Europe Telecom R&D

UMTS 22.20 Paul Dwyer – Vodafone

UMTS XX.XX

Ax.11 Work item leadership

3GPP-TSG SA WG1

Ax.13 Others