# Work Item Description

**Title**

**vObjects and Other Constructs for Use in Data Synchronisation in Release 2000**

**1          3GPP Work Area**

|   |   |
|---|---|
|   | Radio Access |
|   | Core Network |
| X | Services |

**2          Linked work items**

- *MExE (T2)*
- *USIM (T3)*
- *CAMEL (CN2)*
- *VHE / OSA (SA2)*
- *MultiMedia Messaging (T2)*
- *S5.3Charging*
- *Wide Area Network Synchronisation (T2)*

**3          Justification**

The request for data synchronisation support for the VHE MExE User Profile extensions brings up the long term need to define standards for and manage the process of adding new 'vObject's and Other Constructs as data store types for use in data synchronisation activities.  The first instance of such an extension is in syncing VHE User Profiles between the terminal and other network and external data stores.

The support of the standardised user profile will ensure interoperability of the standardised service capabilities to support IP multimedia services as part of the VHE, and enable significantly enhanced 3G services to be created and to correctly interwork.

**4          Objective**

vObjects and Other Constructs for Use in Data Synchronisation in Release 2000 targets the following areas:
- To define new vObject and Other Constructs standardised formats for use in data synchronisation as required by other groups within TSG.
- To manage the process of publishing these new standardised formats for use within and external to TSG.
- To support terminal and network interoperability through the use of a standardised approach to the definition of these new formats.
- To extend the usefulness of the TSG-T2-defined data synchronisation architecture and mechanisms to new data store semantic content.
- Identification of required protocols and development if needed

The listed items shall enhance interoperability and shall be implemented in a way that will ensure backwards compatibility where possible.

## 5 Service Aspects

Standardised vObject and Other Construct formats will allow users and operators to keep local copies up to date with remotely stored copies of the user's and the operator's mission-critical data stores in a manner that will allow data synchronisation to a wide variety of potentially disparate data stores. These standardised formats will allow rapid expansion of the nature and type of future data store enhancements.

## 6 MMI-Aspects [not applicable]

## 7 Charging Aspects

Data synchronisation of vObjects and Other Constructs should standardise charging mechanisms, especially in roaming situations and between different operators. Other charging mechanisms (e.g. air time) may be needed when data synchronization of vObjects and Other Constructs is attempted outside of the operator's domain. Liaison with TSG-S5 for charging issues is intended.

## 8 Security Aspects

Security enhancements (e.g. VPN/IPSEC, End to End Security). Liaison with TSG-S3 for security issues is intended.

## 9 Impacts

| Affects: | USIM | ME | AN | CN | Others |
|---|---|---|---|---|---|
| Yes | X | X | | X | X |
| No | | | | | |
| 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 |
| | | | | | | |
| | | | | | | |
| Affected existing specifications | | | | | | |
| Spec No. | CR | Subject | | Approved at plenary# | | Comments |
| 27.103 | | | | | | |
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## 11 Work item raporteurs

Rob Lockhart, Motorola

## 12 Work item leadership

TSG-T2 (SWG2)

**13**          **Supporting Companies**

Motorola, Ericsson, BT, Siemens

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

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

14a      The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b      The WI is a Building Block: parent Feature

Data Synchronisation

14c      The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)