

Source: SA5 Chairman

Title: Progress report of UEM (User Equipment Management) Feasibility Study

Document for: Information

The last 3GPP TSGs #12 Meeting in Stockholm approved *UEM (User Equipment Management) Feasibility Study* as a Release 5 work item. Under this work item, SA5 (the primary lead) and T2 (the secondary lead) are required to generate a technical report that will capture the outcome of the preliminary study of the UEM, together with a work item description of the UEM for the subsequent 3GPP release.

The attached is the initial draft of the TR 32.802 that SA5 has produced in its last Paris Meeting under this project. In the capacity of SA5 Chairman, I present this draft technical report to TSG-T for its information in order to facilitate T group's input to drafting of this report at the earliest possible time frame. This draft shows the skeleton of the technical report the way SA5 envisaged in the Paris meeting. SA5 plan at this point is to add substance to each entry of the exhibited table of contents by November so that the expanded contents can be jointly reviewed by interested parties of both T2 and SA5 in the November meeting scheduled to be held in Cancun, Mexico in which both T2 and SA5 will have their co-located meetings.

3GPP TR 32.802 V0.0.2 (2001-09)

Technical Report

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Telecom Management: User Equipment (UE) Management Feasibility Study (Release 5)



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Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

Introduction

This clause is optional. If it exists, it is always the second unnumbered clause.

1 Scope

This clause shall start on a new page. No text block identified. Should start:

The present document ...

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[<seq>] <doctype> <#> [([up to and including]{yyyy[-mm]|V<a[.b[.c]]>}[onwards])]: "<Title>".

[1] 3GPP TR 41.001: "GSM Release specifications".

[2] 3GPP TR 21 912 (V3.1.0): "Example 2, using fixed text".

3 Definitions, symbols and abbreviations

Delete from the above heading those words which are not applicable.

Subclause numbering depends on applicability and should be renumbered accordingly.

3.1 Definitions

For the purposes of the present document, the [following] terms and definitions [given in ... and the following] apply.

Definition format

<defined term>: <definition>.

example: text used to clarify abstract rules by applying them literally.

3.2 Symbols

For the purposes of the present document, the following symbols apply:

Symbol format

<symbol> <Explanation>

3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

Abbreviation format

<ACRONYM> <Explanation>

4 Architecture

High level end to end system description

4.1 System component functions and connectivity

4.2 Interfaces

Identification of the interface reference points.

4.3 Protocols

Identification of the protocols to support UEM across the different interfaces

5 Requirements

The requirements for UEM.

5.1 Requirements List (Stage 1)

5.2 Use Cases – Requirements Analysis (Stage 2)

Each use case will have the following sections defined.

5.2.1 Service Aspects

The management impacts of implementing the use cases.

5.2.2 MMI Aspects

How will the management activity be initiated?

5.2.3 Charging aspects

5.2.4 Security Aspects

Must ensure that UEM is properly authorised, that users equipment is satisfactorily protected, that IPR of manufacturers is protected, downloads are virus free etc.

5.2.5 OSS Aspects

How is the OSS impacted by UE Management?

5.2.6 User Equipment Aspects

To cover both the terminal and USIM.

5.2.7 Network Aspects

Is there any impact on the bearer/signalling (Node B's, core network)?

5.2.8 Benefits

5.2.8.1 User/subscriber

5.2.8.2 Operator/Service Provider

5.2.8.3 Manufacturer

6 Project Planning

6.1 Collaboration

How the work will be collaborated with other groups.

6.1.1 Roles and Responsibilities

6.1.1.1 Agreed Contributions

List the agreed contributions from the groups involved.

6.2 Plan for Feasibility Study

The plan for the production of this TR.

6.2.1 Release 5 UE Management Capability

What UEM work can be achieved in R5?

6.3 Post Release 5 UE Management Work Item Description

The UEM WID for the full feature (not just the feasibility study) in post Release 5.

6.3.1 Plan for Post Release 5 UE Management Work

6.3.1 Post Release 5 UE Management Capabilities

What UEM work can be achieved in Release 6?

7 Open Issues

8 Risks

Annex A: Change history

It is usual to include an annex (usually the final annex of the document) for reports under TSG change control which details the change history of the report using a table as follows:

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
18/07/01	SA5 #21	S5A010149		0.0.1	first draft of the TR on User Equipment Management		
7/9/01	SA5 #22	S5A010513		0.0.2	Comments made at SA5 #21 incorporated (also in S5A010149_revA) and allocated TR number inserted.		