

25 - 28 February 2002

Bristol, UK

3GPP TSG-SA5 (Telecom Management)S5-010750
Meeting #24, Cancun, Mexico 26 - 30 November 2001

S5B010761

Title: Liaison Statement: "Reply to LS on VASP MMS Connectivity"
Source: SA5
To: T2
Cc: SA1, CN2, CN5, SA2, SA3
Response to: LS to T2 (S5-010703_T2-010903) on VASP MMS connectivity

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Attachments:

1. Overall Description:

SA5 thanks T2 for the liaison on VASP MMS connectivity and like to response on the questions about the implications on SA5 billing and charging specifications.

Three issues are elaborated below:

- **Creating CDR by VASP**
It is expected that CDR generation by VASP will be required for subscriber billing and/or VASP-Network Operator accounting. However SA5 believes that VASP CDR definition and content are not intended to be standardized in 3GPP. Therefore this issue is out of the scope of SA5.
- **Creating CDR by MMS Relay/Server**
For Release 5, the content of CDRs generated by MMS Relay/Server will be defined by SA5. However, in the specific case of VASP MMS, it appears that for Release 5 the exchange of charging parameters between the MMS Relay/Server and VASP is out of the scope of MM7. Therefore it will not be possible for the MMS Relay/Server to deliver specific charging information relating to VASP connectivity in the MMS-CDRs.
- **Support for prepaid**
At the moment (i.e. in Release 5) SA5 is not working on any specific prepaid solutions. We assume that SA2 is active on architectural impacts on on-line Charging and CN2 is active on CAMEL based prepaid Charging. We envisage that these activities would have an impact on T2's ongoing considerations of Prepaid for MMS, as indicated in your liaison. We are willing to incorporate work on MMS prepaid in Release 6, pending further guidance based on the result of the above considerations in T2, SA2, and CN2.

In conclusion VASP MMS will not have any impacts on the charging specifications in the Release 5 and may be scheduled for Release 6 time frame.

SA5, in reviewing the LS Section 4 Architecture Principles, is of the opinion that it is **mandatory** rather than desirable that the VASP/MMS reference point (MM7) is based on stable open standards,

is cost-effective, is simple to use, and easy to implement in a secure way.

The establishment of automated trading interfaces between autonomous organisations, such as those described in the liaison, is the subject of study by the World Trade Organisation UN /CEFACT group and specifically the technical work is going on the ebXML Transition WG (www.ebxml.org). It is clear from this work that automating trading interfaces are extremely complex.

Option 1 VASP Directly connected to MMS/Relay/server

Such an interface will need to satisfy the requirements identified by ebXML for electronic trading. As stated above this is technically complex.

Option 2 VASP connected via OSA

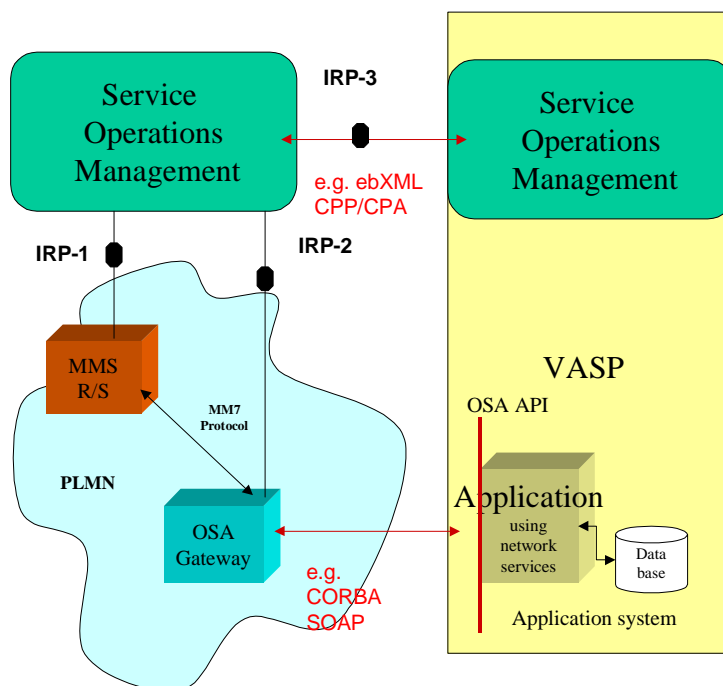
SA5 Subscription Management (SuM) is in discussion with the CN5 OSA group about the relationship between Service Operations Management (Operations Support Systems for Services) and the functionality provide by OSA.

A few preliminary conclusions have been reached by SA5 SuM:

- The requirements on the interface between the OSA SCS, and the Service Operations Management systems have not been formally defined by either SA5 or CN5. This is marked as Interoperability Reference Point –IRP-2 below.
- SA5 believe that these requirements need to be developed between SA5 and CN5 using a number of example case studies.
- SA5 believe that OSA has addressed some but not all of these trading interface requirements, the additional requirements are assume to be satisfied by IRP –3 below which may be based upon ebXML Collaboration Partner Agreement specifications –CPP/CPA
- SA5 plan to work with CN5 to address the solution to these missing trading requirements;

Comments relevant to both options

- SA5 believe that additional management interfaces to the MMS R/S will be needed as shown by IRP-1
- All of these IRPs will need to support fulfilment, assurance and billing processes



2. Actions:

To T2 group

ACTION: Please provides comments on our position and confirm the conclusion described above.

3. Date of Next SA5 Meetings:

Meeting	Date	Location	Host
SA5#25	14-18 Jan 2002	Sophia Antipolis, France	ETSI
SA5#26	25 Feb - 1 Mar 2002 (T1M1/TMF)	Miami, FL / USA	NA Friends