

Title: MMS Transfer to OMA
Response to:
Release:
Work Item:

Source: Nokia, Ericsson
To: TSG-T
Cc:

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Attachments: None

1. Overall Description:

Introduction

Nokia recognizes that tremendous work has been done within 3GPP and 3GPP2 in developing the MMS specification; this is a very substantial achievement for our industry. But we now enter into a new era of consolidation and rationalization.

Nokia believes that there will be considerable benefit to the industry to have the MMS specifications developed in one forum, instead of several, as is the case today.

Today, MMS Specification activities occur in OMA, 3GPP, and 3GPP2.

Insuring that the global MMS service is consistent and interoperable is a critical aspect of its ability to succeed as a mass-market service.

Having the entire core MMS interface specifications developed in one forum greatly simplifies this goal. Nokia believes that OMA is the appropriate forum for addressing all MMS specification and interoperability activities, and supports transferring these activities from the partnerships into OMA.

Benefits of Consolidating MMS Specifications

All MMS Specification activity occurs within one forum:

- More efficient resource commitment from participating companies

 - Fewer overall meetings

 - Lower cost to support

 - Single entry point for new work proposals

 - Single decision point for the industry

 - No duplication of effort

 - No divergence of functionality

 - Assures future compatibility

 - Assures consistent IOP practices

There are administrative and process issues that need to be addressed in order to achieve this consolidation.

Managing MMS Specification Transfer

The transfer of MMS Specifications into OMA should follow the same approach as has been used in consolidating other work areas into OMA:

- Identify a suitable landing pad
- OMA assumes ownership of existing specifications
- OMA integrates the new body of work into its work plan

In assessing how this transfer may occur, the following points must be taken into account:

- Agreement in principle for any transfer to occur
- Timing of any transfer
- Content base of any transfer
- Specifications appropriate for transfer
- Ownership and Maintenance of existing specifications

Agreement and Timing of MMS Transfer

The initial critical step is that the industry agrees in principal to consolidate MMS specification development activities.

Although this involves a certain amount of work, the longer-term benefits that accrue to the industry significantly outweigh any short-term impacts.

There are a few aspects relevant to the timing of transferring MMS work into OMA.

The transfer should be achieved within a reasonable timeline; while accommodating an orderly completion to current activities within the partnerships.

The transfer timing must be contingent on the completion of a common core MMS specification content base between 3GPP2 and 3GPP.

The transfer timing should be synchronized between 3GPP and 3GPP2.

MMS Specification Content Base

Nokia believes that work in process should not be considered for transfer, but only new work. The current 3GPP2 MMS specifications are generally compatible with 3GPP Release 5 MMS, with some additional 3GPP2 functionality (i.e. X.S0016-311). Currently, 3GPP is developing updates to MMS in Release 6. 3GPP2 plans to develop a revision of X.S0016 that will include 3GPP Release 6 compatibility.

With the completion of the next revision of X.S0016 and the Release 6 version of 23.140, there will be a common specification content base suitable for a transfer of MMS work into OMA. The additional 3GPP2 specified functionality would need to be included in the transfer.

If this approach were followed, then OMA would begin future requirements work from this common base as a starting point, and undertake IOP work on this common base.

Specifications Appropriate for Transfer

Nokia believes that the MM1, MM3, MM4, and MM7 are the appropriate interfaces for OMA to specify, as well as, Requirements, Conformance and Interoperability specifications related to these interfaces.

Nokia believes that aspects such as charging, media types, roaming, network authentication, etc., remain the province of the Partnerships.

Current specifications that address these interfaces:

3GPP

TS 22.140 Stage 1; Multimedia Messaging Service

TS 23.140 Multimedia Messaging Service (MMS); Functional Description; Stage 2

Ownership and Maintenance of Existing MMS Specifications

In order for the industry as a whole to achieve the most benefit from consolidating MMS specification development into OMA, the transfer process needs to include the ownership and maintenance of existing MMS specifications.

This practice is consistent with previous transfers into OMA.

This practice insures that MMS expertise need only be supported in one forum.

Plus, this insures that any problems identified in the existing MMS specifications are applied in a consistent and timely manner across all existing MMS definitions.

Summary

Consistent and interoperable MMS Specifications are a highly desirable goal for the wireless industry.

Minimizing disruptions while pursuing a transfer of MMS work into OMA is a highly desirable goal.

Maximizing the efficiency of industry specification activities is a highly desirable goal.

By following the proposals contained in this contribution, Nokia believes that the industry can achieve all of these goals.

2. Actions:

To: TSG T group.

ACTION: TSG-T is asked to consider this proposal and reach agreement on the principle and potential date for transfer of MMS into OMA.

3. Date of next TSG-T Meetings:

T#23	10–12 March 2004	Phoenix, USA
T#24	2–4 June 2004	Korea