
Title: OMA m-Commerce WG Questionnaire to 3GPP
Source: OMA m-Commerce WG
Agenda Item: 6.3

Copy of e-mail received from the OMA m-Commerce WG:

Dear 3GPP TSG SA & SA WG5 representatives,

Greetings.

I approach you with a questionnaire on behalf of the OMA m-Commerce working group, in evaluating the mobile commerce landscape. We in OMA m-Commerce WG would be very pleased if you would have the time to answer this questionnaire. The cover letter sent with the questionnaire will give more detailed instructions. Could we request that, if possible, the questionnaire be tabled in TSG-SA#19 and the subsequent WG meeting?

We prefer a response by March 21, 2003, however, considering the very short notice (I apologise for that) a later response would be equally appreciated. Would you be able to help us by indicating as to by when a response is possible?

If there are any questions about the questionnaire itself, please feel free to contact me; I would be glad to help. Other contact people are also listed in the cover letter.

Thank you very much. Look forward to hearing from you.

On behalf of the OMA m-Commerce WG,
Jyrki Martti

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QUESTIONNAIRE FOR THE M-COMMERCE LANDSCAPE EVALUATION

This questionnaire is a request of the multiple standards bodies and industry consortia to help determine the area and scope of interest and work which exists today in the mobile commerce (m-commerce) landscape. It is with the accumulated responses from this questionnaire, OMA's own expertise and the expertise of the liaisons which OMA has established, that a landscape of the work on m-commerce can be "painted." It is with your help that we will create a complete view of this evolving work.

The following targeted bodies/industry consortia have been identified by the OMA M-COMMERCE Working Group to receive this questionnaire for the evaluation of the m-commerce landscape:

- GSMA
- Irda
- Liberty alliance
- MeT
- Mobey Forum
- Mobile Payment Forum
- Oasis
- Parlay/OSA
- PayCircle
- Raddichio
- ETSI
- 3GPP

This is a non-exclusive list and we welcome participation from other bodies/industry consortia.

To help OMA evaluate this important landscape, take the time to answer this questionnaire. To expedite our evaluation of the m-commerce landscape OMA is requesting a timely response to this questionnaire. We ask for a reply by **March 21, 2003**

Please respond to the leadership of OMA M-COMMERCE Working Group:

Jouni Kaivarainen	jouni.o.kaivarainen@telia.se
Carl Hayes	crhayes@us.ibm.com
Stefan Schneiders	stefan.schneiders@siemens.com

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QUESTIONNAIRE FOR THE M-COMMERCE LANDSCAPE EVALUATION

Introduction

- Scope of OMA in general is "...creation of a common industry architecture, drive services interoperability and promote adoption of open specifications and standards,...."
- OMA does not want to reinvent the wheel but wants to use or reference existing standards
- Within OMA, M-commerce is seen as an important but fragmented landscape with multiple directions, multiple interests and even multiple definitions. OMA understands the importance which a complete and harmonized view of the landscape will bring to each participant in this value chain. To this end, a Working Group has been formed in which every member's ultimate goal is to see a complete end to end , value chain driven, definitive set of standards for each of these participants in an m-commerce market. One of the first steps is an evaluation of the existing m-commerce activities and solutions:
 - A fundamental component of commerce is the engagement between consumer and merchant for billing, charging and payment
 - The possibility to bill for goods and services and get paid must be considered a fundamental enabler for m-commerce.
 - The ability to provide secure transactions, engage wireless networks and their operators, meet the requirements of the financial industry, which include banks, credit cards, etc and satisfy the needs of retail space, all while ultimately meeting the demands of the consumer.

Please give your support to drive the evolution of m-commerce

Information supplied to OMA though this questionnaire should be of a non-confidential nature. If you have information which you regard confidential or is bound to an IPR agreement, and you believe is valuable in this activity, please contact Carl Hayes crhayes@us.ibm.com 919-254-5549.

OMA Architecture

With each group, a focus is usually displayed. With this questionnaire we request the identification of your focus area. OMA has used a model with the following elements. This should be used as an example for answering our questions, as this is what the questions are based, but in no way should be limited to this structure or model.

- *Terminal Application*
- *Terminal Application Platform*
- *Network services*
- *Server Application*
- *Network Infrastructure*

General Questions

The questionnaire starts with some general questions:

- What is the focal point of the particular initiative or forum?
- Does the particular initiative or forum work out specification? Is specification available? If not, are there other specific outputs from your organization?
- According to the particular initiative or forum how will m-commerce evolve in the future (near term, mid term, long term)? Future scenarios?
- Where are gaps that have to be filled in order to make m-commerce a successful and well accepted and adopted service?
- Which role does OMA fit with respect to your organization?
- Which communication process would your organization like to use with OMA.

Detailed Questions

Furthermore some detailed questions are itemized:

- Parties involved in an m-commerce transaction
 - o Which abstract business roles have you identified in your investigations (such as merchants, customers, etc.)?
 - o Please give typical examples for individuals who assume these roles (e.g. mobile subscribers act as customers,
 - o What stakeholders does your solution involve (payment card, MNO, acceptors, merchant acquirers, card issuers, etc)? Please give a description of the role of these stakeholders, and the value proposition for each of the.
- M-commerce process
 - o Please give your view on how an m-commerce process takes place by commenting on these steps, or adding steps that you feel are missing: Merchant registration, customer registration, service request, initiate payment, payment confirmation, service delivery, payment completion, billing, settlement.
 - o Describe the reference model, which has been adopted by your organization.
- Value proposition:
 - o For each role identified earlier, describe the business model and/or value proposition that would motivate an individual or organization to assume this role.
- References:
 - o References to documents that are publicly available

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- References to documents that are not public but that you are willing to share with OMA (*maybe under NDA*)

You may need to establish a Cooperation Agreement with OMA, covering possibly confidentiality and/or IPR policies, before communicating these references.

- Has your solution been deployed or piloted?
- Prerequisites to deploy your solution
 - Is a global PKI needed across all involved parties?
 - Are Authentication Authorization and Discovery provided as part of your solution?
 - What are the capabilities of your solution
 - Merchant?
 - Terminal?
 - Operator?
 - Acquirer?
 - Issuer?
 - Banking?
 - Any other?
 - Which capabilities are required in the mobile device?
 - WAP browser?
 - Java support?
 - Dual slot?
 - WIM?
 - SIM Toolkit
 - Infrared or Bluetooth.?
 - Multiple Devices?
 - Any Other?
 - Are there any legal requirements to deploy your solution (e.g. obtain a bank licence)
 - Are Digital Signatures conformance involved in your solution?
 - If so what conformance?
 - Any other prerequisites
- Which of the following scenarios does your organization/your solution address:
 - Typical amount (please give your opinion on x)
 - Macro payment (amounts greater than currency level)
 - Micro payment (amounts less than currency level)
 - All
 - Process:
 - Content download to mobile device
 - Unassisted purchase (vending machine)
 - Assisted purchase (shop, restaurant)
 - Mail order
 - Distance Commerce (buying flowers online...)
 - Goods sold:
 - Digital Goods (Ringing tones, Games, Tickets...)
 - Physical goods (soda, Books, DVD...)
 - Digital Services (Web Services, Location, Banking...)
 - Delivery Method

OMA M-COMMERCE Working Group
February 17, 2003

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The M-COMMERCE working group shall be open to all OMA member companies.

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