
ACTIVITY PROPOSAL

GROUP: **CONTENT DOWNLOAD DC**

DATE: **11 DECEMBER 2001**

1. EXECUTIVE SUMMARY

- Proposal for the creation of new Drafting Committee of WAG.
- Evidence of need to address issues related to Content Download.
- Needed work includes: use cases and requirements analyses; analyses of completeness of Content Download solutions; liaison with work groups; adoption of an interoperable model; review of the consistency of possible solutions within current environment; identification of new protocol(s) as needed; and, proposal of a roadmap to bring all parts on line.
- All work should be completed in stages in less than 12 months without expansion of these goals.

2. CURRENT STATUS WITHIN WAP

The market requirements for Content Download are not well understood and less well developed technically. As a result, the WAP Forum has addressed just a few of the needs, leaving others to independent solutions. These other solutions are not currently interoperable, creating a climate where business opportunities are not being addressed by broad ranges of products. It is therefore envisioned that a more comprehensive solution is needed which will lead to interoperable solutions that will permit improved availability of devices and services. The WAP Forum was also the recipient of a liaison from the GSMA requesting standards work in this area.

3. SCOPE

Content Download involves a collection of capabilities that together provide a market-oriented solution to real business objectives. This collection includes, but is not limited to:

- Content discovery
- Authentication
- Delivery negotiation
- Content delivery
- Delivery verification
- Rights Management
- Transaction logging and billing

The group will examine these items in the context of the Content Download service and will develop use cases and operational scenarios. While it will not be possible to be exhaustive the group will attempt to recognize the different possible business plans that may depend on Content Download to permit a comprehensive set of service requirements.

This proposal is requesting the creation of a new drafting committee. It is anticipated that there is sufficient new specification work needed that is not currently covered by other committees to warrant such a request. The expected method of interaction is to develop and publish a description of Content Download with associated service requirements, development of new specifications and to issue liaisons to other potentially affected groups on which features or services are needed.

4. CRITERIA FOR SUCCESS

Development of the technologies needed to assure an interoperable solution for Content Download is the ultimate measure of success. A solution that is extensible to other services would be desirable.

5. DURATION

As with other Drafting Committees, it is expected that this group would develop the requirements and use cases needed for Download.

The Content Download DC work would continue through the completion of the WAP Content Download solution specifications to cover the scope addressed above. This would include any needed cooperation with WIG to ensure the interoperability of the created specifications. Once these objectives are complete and accepted by the governing body (WAG), the continuation of the Content Download DC will be reassessed.

6. SCHEDULE AND DELIVERABLES

- Document use cases representing various business models for Content Download
- Capture the primary requirements for the Content Download service
- Develop needed specifications that will provide a solution for Content Download
- Liaise with appropriate drafting committees where needed services or features would be supported
- Monitor and work with appropriate groups to assure solution is developed

7. RECOMMENDATION FOR CHAIR(S)

This group should be able to operate using a traditional chair structure with nominations to be issued upon approval of the requested Drafting Committee. During the initial period, until a chair has been named, Dwight Smith of Motorola has offered to serve as interim chair.

8. CO-ORDINATION WITH OTHER WAP ACTIVITIES

The development of Content Download service could involve a variety of existing WAP Forum committees. This could include:

- SPCEG
- Billing EG
- Developer EG
- Protocols Group
- Provisioning
- Security Group
- WAG WAE
- WAG Billing
- WAG Push
- WAG MMDC

9. IPR ISSUES

At this time, it is not known whether there are IPR implications in the various activities that may be unique to the Content Download solution. Such disclosures are expected to be made by the member delegates per normal reporting requirements of the WAP Forum.

10. REFERENCES

TBD

11. OTHER BACKGROUND INFORMATION

There have been a variety of efforts in the areas being proposed for this Drafting Committee. These include requirements, proposals and even related specialized or proprietary solutions. It is expected that the Drafting Committee, once formed, will consider the existing work that has been done in these regards in support of its own efforts. For example, work in this area has occurred by the following:

- GSMA Association – Requirements and Service Descriptions
GSMA Permanent Reference Document AA.35 (M-Services Guidelines)
LS From MSig Task Force on Content Download (MSIG174_01)
- 3GPP – Requirements and Architectures for Content Download and DRM
- Java Community Program (JCP) / Sun – J2ME/MIDP Provisioning Services
- Secure Digital Music Initiative (SDMI) – Content Protection
- ISO/Intellectual Property Management & Protection (IPMP) – DRM related
- Open Digital Rights Language (ODRL) – DRM related
- eXtensible rights Markup Language (XrML) – DRM related
- eXtensible Media Commerce Language (XMCL) – DRM related

This list is neither exhaustive, nor does it constitute a commitment by the Drafting Committee to address all of these entities in its work.