DEVICE MANAGEMENT IOT CHARTER
UTILITY OUTREACH WG
(DM IOT UTILITY OUTREACH WG)

1. DESCRIPTION AND GOALS

Device Management IoT Utility Outreach WG (DM IOT Utility Outreach WG)

OMA LwM2M is increasingly important to an industry segment consisting of Utility companies including Electric, Gas, Energy and Water utilities and their suppliers. We believe that at least 80% of the current implementations of LwM2M are found in this industry segment. Industry participants are deploying LwM2M solutions based on disparate implementations of the Specification. Many of the Utility implementers and end users of the specification require improvements in the interoperability of the LwM2M specification and its Objects. Many of the Utility implementers and end users are not aware that the OMA is the source of the Specification. The objective of this WG is to develop outreach programs and collateral for the benefit of the Utility stakeholders in an effort to gain their active participation in contributing to the LwM2M specification and its test cases.

For the sake of clarity, the DM IOT Utility Outreach W is the first of two proposed WGs. The DM IOT Utility Outreach WG's objective is to inform and engage Utility stakeholders. A related WG will be a technical WG (DM IOT Utility Interop WG) that will develop requirements for enhancements to the LwM2M specification, objects, and test cases, which in turn will be sent to the DMSE WG for implementation.

2. SCOPE

The primary scope of the DM IOT Utility Outreach WG shall be to:

- Organize existing members' marketing staffs to contribute to the overall success of the WG
- Update or create new collateral materials specific to the Utility segment
- Create the appropriate landing pages, blog posts, industry news, and other relevant content on the OMA website and repositories that will attract new potential contributors to the Specification
- Encourage Utility companies to join as OMA members who will contribute to the DM IOT Utility Interop WG to create segment-specific technical requirements and segment-specific test cases for Interop.
- Participate to the relevant industry forum.

3. CRITERIA FOR SUCCESS

The success of the Working Group is measured by:
- Active participation of existing members in the WG
- Creation of segment-specific collateral material and distribution strategies for the material
- Direct outreach to new segment-specific companies with the objective of having them participate directly in the WG.
- Attraction of new segment-specific members to OMA
- Development of a critical mass of members willing to participate in the DM IOT Utility Interop WG
- Resolve issues relating to the provisioning of massive IoT deployments.

4. DURATION

The DM IOT Utility Outreach WG is proposed to be a standing committee within OMA SpecWorks for as long as its mission is relevant. As a standing committee, the Working Group Charter is subject to review as required by the OMASpecWorks governing processes.

5. RESOURCE REQUIREMENTS

The Working Group requires the following resources from the OMA SpecWorks and members:
- Contractor staff assistance in arranging meetings as outlined in section 8.
- Contractor provisioning on email and website services for member access as outlined in section 8.
- Read/write access to the working group website for the group members.
- OMA SpecWorks liaison services as outlined in section 6.
- Setting and configuring new Groups.io, and GitHub groups.
- Updates and new sections of the OMA Website and Github pages.
- Enhancements to existing Hubspot services to enable mailings, inbound inquiry management and other response services. May require additional staff resources to develop and maintain the enhancements.
- May require support staff to coordinate the collateral development
- Commitment by the member representatives to donate their time and expertise to the work of this group.

6. LIAISON/COLLABORATION WITH EXTERNAL ORGANISATIONS

The Working Group will likely cooperate with external standards and organizations' industry consortia. Examples of each are outlined below:

Standards Organizations:

Significant standards organizations have work efforts or are involved in device management & IoT activities relevant to the scope of this charter. OMA SpecWorks DM IOT Utility Outreach WG has or intends to pursue liaison relationships with these organizations.

Industry Consortia:

There are significant consortia that have work efforts or are involved in device management & IoT activities relevant to the scope of this charter. OMA SpecWorks DM IOT Utility Outreach WG has or intends to pursue liaison relationships with these organizations.

Wi-SUN Alliance, DLMS, uCiFi, OMS Group,G3-PLC, Open ADR others TBD.

> **Commented [OC1]:** Should we mention here the search for a JTC1 PAS - BTW Grace Wei is the person I was thinking of.

7. COORDINATION WITH OTHER OMA ACTIVITIES

The DM IOT Utility Outreach WG will interface with all OMA SpecWorks Working Groups and subgroups working on external interfaces or exposing services.

8. MEETINGS AND COMMUNICATION

The Working Group expects to hold the following:
- Potential for F2F meetings of the WG to be held at a sponsoring facility.
- Conference calls to be held at a frequency required to achieve the goals and objectives, using a bridge number provided by the OMA SpecWorks. The group will keep minutes of each conference call.
- General communication will be via email exploders with archiving provided by the OMA SpecWorks.
- Group progress and processes will be communicated via group web pages provided by the OMA SpecWorks contractor staff and at OMA Board calls.

9.   MEMBERSHIP

The DM IOT Utility Outreach WG is open to all OMA Sponsor, Full, Associate and Supporter member companies as specified by OMA SpecWorks membership rules and benefits.

The WG may propose additional membership categories to allow contributions from other categories of contributors. All proposals shall be sent to the OMA Board for review and approval prior to adoption.