ECHONET Consortium activity report (FY2023 1Q)

Category	Activities
Topics	1. The cumulative shipments of ECHONET Lite devices by FY2022 The cumulative shipments of ECHONET Lite devices until the end of FY 2022 reached 138.79 million units (May 2023). 2. Publication of international standards Application communication interface between storage battery and HEMS controller was published as international standard IEC/ISO 14543-4-302 on April 20. 3. Member ID/manufacturer code In consideration of the use in API, etc., the manufacturer code that was used in the past was changed to the member ID/manufacturer code. 4. Policy on the use of ECHONET Lite Web API guidelines (usage guidelines) As guidelines for businesses declaring that they are using the ECHONET Lite Web API guidelines, the "Policy on the use of ECHONET Lite Web API guidelines (usage guidelines)" was released (June 2023). 5. Various regulations and specification publication Detailed Requirements for APPENDIX ECHONET Device object Release R (May 2023), ECHONET Lite Web API Guidelines API Specifications, ECHONET Lite Web API Guidelines Device Specifications etc. were released to the public one after another.
Steering Committee	1. Publication of international standards Application communication interface between storage battery and HEMS controller was published as international standard IEC/ISO 14543-4-302 on April 20. 2. Member ID/manufacturer code In consideration of the use in API, etc., the manufacturer code that was used in the past was changed to the member ID/manufacturer code. Along with this, the "Application Communication Interface Specifications, Specifications Conformance Certification Application Guide" and various certification application forms have been updated. 3. Policy on the use of ECHONET Lite Web API guidelines (usage guidelines) As guidelines for businesses declaring that they are using the ECHONET Lite Web API guidelines, the "Policy on the use of ECHONET Lite Web API guidelines (usage guidelines)" was released. This guideline stipulates that procedures related to member IDs/manufacturer codes should be followed in order to expand the use of APIs and facilitate commercial development (June 2023).
Technical Committee	1. Detailed Requirement for ECHONET Device Object APPENDIX ECHONET Device object Release, which mainly includes the addition of two-way compatible high-voltage smart power meter class and frequency control class, has been released to the public (May 2023). 2. ECHONET Lite Web API · ECHONET Lite Web API Guidelines API Specifications (Ver. 1.1.5), ECHONET Lite Web API Guidelines Device Specifications (Ver. 1.5.0), Device Description (JSON) and Machine Readable Appendix Release Q rev.1 (Ver. 1.2.0) were released to the public (April 2023). · ECHONET Lite Web API Guidelines API Specifications (Ver. 1.1.6), ECHONET Lite Web API Guidelines Device Specifications (Ver. 1.5.0) Errata, Device Description (JSON) were released to the public (June 2023). · The "ECHONET Lite Web API Guidelines DR Related Service Specifications Version 1.0.0", which summarizes the Web API specifications for realizing the use cases described in the "VPP Guidelines Version 2.0" released by the Japan Electrical Manufacturers' Association, has been released to the public (June 2023). 3. Plugfest · We have released the Standards and Certification Specifications Review Sheet, which describes the responses to the points pointed out by the participants at the 29th ECHONET Plugfest (held on February 16 and 17, 2023) (April 2023). · Information about the 30th Plug Fest, which will be held on September 7th (Thursday) and 8th (Friday), 2023, has been sent (June 2023). It is possible to participate not only at the venue (Kanagawa Institute of Technology HEMS Authentication Support Center), but also remotely.
Promotion Committee	1. The cumulative shipments of ECHONET Lite devices by FY2022 The cumulative shipments of ECHONET Lite devices until the end of FY 2022 reached 138.79 million units (May 2023). 2. Posted activities with PCHA (Personal Connected Health Alliance) on the website. We posted our activities with PCHA (Personal Connected Health Alliance) on our website and made An Implementation Example of ECHONET Lite Web API In case of PCHA Data Linkage and An Implementation Example of ECHONET Lite Web API In case of PCHA Data Linkage – Examples of ECHONET Lite Web API specifications available for download (May 2023). 3. Service Cooperation Platform Study Group As a digital garden city service, we are considering a cooperation structure for three use cases: resilience, carbon neutral, and healthcare. We had lectures from the National Research Institute for Earth Science and Disaster Prevention (resilience), HL7 Association (healthcare), and NHK Broadcasting Science Research Institute (integration of broadcasting and communications) and had discussions. 4. CEATEC2023 Like last year, we will exhibit at CEATEC 2023 (October 17-10) jointly with the JEITA Smart Home Committee.