

ECHONET Consortium activity report (FY2022 2Q)

Category	Activities
Topics	<ol style="list-style-type: none"> 1. Establishment of Service Cooperation Platform Study Group In collaboration with the JEITA Smart Home Subcommittee, we have established the Service Cooperation Platform Study Group which handles smart home IoT information on the web and conducts examinations to realize the system and system of the orderly co-creation space specified in the ECHONET 2.0 Strategic Guidelines. 2. Detailed Requirement for ECHONET Device Objects Release M has been published as IEC 62394:2022 IEC62394 Edition 4.0 which has been revised by IEC TC100 has been published as IEC 62394:2022 which corresponds to ECHONET Device Objects Release M (July 2022). 3. ECHONET Lite and AIF certification change application rules will be changed From October 1, 2022, ECHONET Lite and ECHONET Lite AIF change applications will not be accepted after 3 years have passed since the acquisition of certification (from the date of new registration of the certification registration number). 4. The latest ECHONET Lite specifications and system design guidelines have been released "ECHONET Lite Standard Ver.1.14" and "ECHONET Lite System Design Guideline 3rd Edition" have been released to the public (September 2022). 5. The latest ECHONET Lite Web API specifications and tools have been released ECHONET Lite Web API Guidelines Device specifications section (Version 1.4.1) and Machin Readable Appendix Release P rev.1 modified version (v1.1.1) have been released to the public (July 2022). The latest experimental cloud and "ELWebAPITool" have been released to the members (August 2022). 6. Plugfest The 28th plugfest was held at Kanagawa Institute of Technology HEMS Certification Support Center on September 8th and 9th.
Steering Committee	<ol style="list-style-type: none"> 1. Detailed Requirement for ECHONET Device Objects Release M has been published as IEC 62394:2022 IEC62394 Edition 4.0 which has been revised by IEC TC100 has been published as IEC 62394:2022 which corresponds to ECHONET Device Objects Release M (July 2022). 2. ECHONET Lite and AIF certification change application rules will be changed From October 1, 2022, ECHONET Lite and ECHONET Lite AIF change applications will not be accepted after 3 years have passed since the acquisition of certification (from the date of new registration of the certification registration number). 3. The full operation of the ECHONET IoT Master system will start on October 1st. The ECHONET IoT Master system, which has been in test operation since last year, will be put into full operation from October 1 with revisions to the teaching materials and curriculum based on the knowledge gained from the test operation.
Technical Committee	<ol style="list-style-type: none"> 1. The latest ECHONET Lite specifications and system design guidelines have been released "ECHONET Lite Standard Ver.1.14" and "ECHONET Lite System Design Guideline 3rd Edition", which mainly additionally describes how to use broadcast communication have been released to the public (September 2022). 2. Detailed Requirement for ECHONET Device Object Detailed Requirement for ECHONET Device Object English version has been released to the public (July 2022). 3. The latest ECHONET Lite Web API specifications and tools have been released <ul style="list-style-type: none"> • ECHONET Lite Web API Guidelines Device specifications section (Version 1.4.1) and Machin Readable Appendix Release P rev.1 modified version (v1.1.1) have been released to the public (July 2022). • The experimental cloud which supports ECHONET Lite Web API Guidelines API specifications section Version 1.1.4 and Device specifications section Version 1.4.1 has been released to the public (July 2022). • The operation check GUI tool for experimental cloud for ECHONET Lite Web API "ELWebAPITool" which supports new devices added in Web API Guidelines Device specifications section Version 1.4.1 has been released to the members (August 2022). 4. Plugfest The 28th Plugfest was held at Kanagawa Institute of Technology HEMS Certification Support Center on September 8th and 9th. Members of 6 teams from 6 companies participated.
Promotion Committee	<ol style="list-style-type: none"> 1. Establishment of Service Cooperation Platform Study Group <ul style="list-style-type: none"> • In collaboration with the JEITA Smart Home Subcommittee, we have established the Service Cooperation Platform Study Group, which handles smart home IoT information on the web and conducts examinations to realize the system and system of the orderly co-creation space specified in the ECHONET 2.0 Strategic Guidelines. More than 70 people from 26 companies, 7 organizations, 2 universities, and the Ministry of Economy, Trade and Industry participated in the 1st general meeting. We could feel the great expectations of those involved then (August 2022). • The main theme of this study group is cooperation with the Digital Garden City National Concept. A general meeting will be being held once every two months, and a technical specification SWG and policy and Promotion SWG will be being held once a month to discuss details. • At the start of the activity, we conducted a questionnaire on the direction of each company such as the IoT data distribution structure and participation in the Digital Garden City Concept. We received many opinions on the desirable architectural structure and the use of ECHONET Lite Web API. 2. Overseas exhibition We are strengthening our participation in exhibitions in Asia this fiscal year. We visited ESS Expo in South Korea in June and Enlit Asia in Thailand in September (both energy-related exhibitions) and exhibited locally. The exhibition reports have been posted on our website. 3. Revision of Website and Booklet <ul style="list-style-type: none"> • As for Website, ECHONET 2.0 page has been revised and the collaboration activities with CHAdEMO Association and W2C WoT have been posted under "Activities with related organization". Data linkage guidance with PCHA

also has been released to the public.

- As for booklet, the greeting from our new representative director, our new organization and the information about ECHONET 2.0 have been described. Some information has also updated.