ECHONET Consortium activity report (FY2024 2Q)

Category	Activities
Topics	1. Certification registration fee revised We have announced the revision of the certification registration fee for ECHONET Lite Standard Conformance Certification and Application Communication Interface Specification Conformance Certification System. The new certification registration fee will apply to certification applications submitted to a certification body on or after October 1, 2024. 2. 21st ECHONET Forum The 21st ECHONET Forum was held on July 4, 2024, with speeches from Masaki Umejima, Convener of the Smart Energy Development Plan of the International Electrotechnical Commission System Committee, and Akira Ishida, Director of the New Business and Standardization Promotion Department of the Japan Electrical Manufacturers' Association. In addition, the three member companies introduced their technologies, and the ECHONET Consortium's activity plan for FY2024 including the revision of the certification registration fee was introduced. 3. Plug Fest The 31st Plug Fest was held from September 5th to 6th at the Kanagawa Institute of Technology HEMS Interoperability Test Center (with remote participation via VPN), with the "Multi-input PCS Class" as the highlight device, and members from 4 companies and 4 teams participated. 4. Guidance for Service Linkage We have released "Guidance for Service Linkage Using ECHONET Lite Web API Ver. 1.00," which summarizes methods for linking multiple clouds to integrate with services.
Steering Committee	1. Certification registration fee revised We have announced the revision of the certification registration fee for ECHONET Lite Standard Conformance Certification and Application Communication Interface Specification Conformance Certification System. The new certification registration fee will apply to certification applications submitted to a certification body on or after October 1, 2024. 2. 21st ECHONET Forum The 21st ECHONET Forum was held on July 4, 2024, with speeches from Masaki Umejima, Convener of the Smart Energy Development Plan of the International Electrotechnical Commission System Committee, and Akira Ishida, Director of the New Business and Standardization Promotion Department of the Japan Electrical Manufacturers' Association. In addition, the three member companies introduced their technologies, and the ECHONET Consortium's activity plan for FY2024 including the revision of the certification registration fee was introduced.
Technical Committee	1. Interface Specifications for Application Layer Communication In response to the revision of the electric vehicle charger class specifications, AIF specifications between electric vehicle charger/discharger/electric vehicle charger and HEMS controllers Ver. 1.41 was released to the public. (July 2024) 2. ECHONET Lite Web API · The ECHONET Lite Web API Guidelines API specifications section Ver. 1.1.7, which adds a definition of a Web API for collectively acquiring historical data from multiple devices, was released to the public. (July 2024). · We have released to the public the ECHONET Lite Web API Guidelines device specifications section Ver.1.6.0, which corresponds to the Detailed Requirements for ECHONET Device objects Release R rev.2 and adds control command definitions for bidirectional high-voltage smart power meters, multi-input PCS, and frequency control. (July 2024) · In accordance with the revision of the ECHONET Lite Web API Guidelines above, we have released the Device Description (JSON) and OpenAPI Document (YAML) to the public. (July 2024) · Machine Readable Appendix Release R rev.2 (v1.3.0) which corresponds to the Detailed Requirements for ECHONET Device objects Release R rev.2 was released to the public. (August 2024) 3. Plug Fest The 31st Plug Fest was held from September 5th to 6th at the Kanagawa Institute of Technology HEMS Interoperability Test Center (with remote participation via VPN), with the "Multi-input PCS Class" as the highlight device, and members from 4 companies and 4 teams participated.
Promotion Committee	1. Guidance for Service Linkage We have released "Guidance for Service Linkage Using ECHONET Lite Web API Ver. 1.00," which summarizes methods for linking multiple clouds to integrate with services. 2. Booklet revision The ECHONET Consortium's booklet was revised (Japanese and English versions). 3. Overseas Activities Policy The ECHONET Consortium's global actions were reported at the DRready study session run by the Ministry of Economy, Trade and Industry. Related materials were published on the Ministry of Economy, Trade and Industry website. 4. Overseas exhibition inspection With the support of a national project commissioned by Kanagawa Institute of Technology, we visited IFA 2024 (held from September 6th to 11th in Berlin, Germany).