

ECHONET Consortium activity report (FY2022 3Q)

Category	Activities
Topics	<ol style="list-style-type: none"> 1. Full operation of ECHONET 2.0 Technical Seminar started Full operation of ECHONET 2.0 Technical Seminar which is necessary for obtaining the ECHONET IoT MASTER qualification started from October 1, 2022. 2. Detailed Requirement for ECHONET Device Object Detailed Requirement for ECHONET Device Object Release Q rev.1 (Japanese version and English version) have been released to the public (October 2022). 3. Application Communication Interface Specifications Application Communication Interface Specifications Ver.1.00 between Distributed generator's electric energy meter and HEMS Controllers for the public and certification test specification Ver.1.0* (for HEMS controllers and distributed generator's electricity energy meters) have been released to members. (November 2022) 4. Test tools "AIF certification test tool Ver.2.0.0 for other devices" supporting the distributed generator's electric energy meter class has been released to members. (December 2022) 5. International standardization activities AHNC, which consists of ECHONET Consortium, KASH in Korea and IGRS in China, held an online seminar on smart homes titled "Asia Smart Home (Home Network) Standard & Use case Seminar." (December 2022) 6. Domestic and international exhibitions We exhibited at the following domestic and international exhibitions (real exhibitions). <ul style="list-style-type: none"> • CEATEC 2022 (October 18 to 21, Tokyo) • Energy Taiwan (October 19 to 21, Taipei) • Enlit Europe (November 29 to December 1, Frankfurt)
Steering Committee	<ol style="list-style-type: none"> 1. Full operation of ECHONET 2.0 Technical Seminar started We have completed the accreditation of educational institutions for the ECHONET 2.0 Technical Seminar educational program on ECHONET Lite and ECHONET Lite Web API, which is necessary for obtaining the ECHONET IoT MASTER qualification that is a measure to promote the spread of ECHONET 2.0, and started full operation of ECHONET 2.0 Technical Seminar from October 1, 2022. 2. Lecture The lecture of "ECHONET IoT MASTER System" was given at CEATEC 2022.
Technical Committee	<ol style="list-style-type: none"> 1. Detailed Requirement for ECHONET Device Object <ul style="list-style-type: none"> • Detailed Requirement for ECHONET Device Object Release Q rev.1 with added/changed properties of "distributed power supply electric energy meter class" has been released to the public. (October 2022) • Detailed Requirement for ECHONET Device Object Release Q rev.1 English version has been released to the public. (October 2022) 2. Application Communication Interface Specifications <ul style="list-style-type: none"> • Application Communication Interface Specifications Ver.1.00 between Distributed Power Meters and HEMS Controllers has been released to the public and certification test specification Ver.1.0* (for HEMS controllers and distributed power supply electricity meters) corresponding to this specification has been released to members. • Errata for both of "ECHONET equipment certification test specifications for application communication interface specifications between distributed power supply electric energy meters and HEMS controller Ver.1.0* for distributed power supply electric energy meters 1st edition" and "ECHONET equipment certification test specifications for application interface between electric vehicle charger/discharger and HEMS controller Ver.1.3* for Electric Vehicle Charger/Discharger 1st edition" has been issued. (December 2022) 3. Test tools "Low-voltage smart power meter test tool Ver.2.0.0" supporting Wi-SUN's new module, "High-voltage smart power meter test tool Ver.2.0.0" with bug fixes, and "AIF certification test tool for other devices Ver.2.0.0" supporting the distributed generator's electric energy meter class has been released to members. (December 2022) 4. Lecture The lecture of "About ECHONET Lite" and "ECHONET Lite Web API (Fundamentals/Applied)" were given at CEATEC 2022.
Promotion Committee	<ol style="list-style-type: none"> 1. Overseas exhibitions We exhibited at the following overseas exhibitions (real exhibitions). Please see our website for details. <ul style="list-style-type: none"> • Energy Taiwan held from October 19th to October 21st • Enlit Europe which is Europe's largest energy-related exhibition held from November 29th to December 1st 2. International standardization activities <ul style="list-style-type: none"> • On December 7th, AHNC, which consists of ECHONET Consortium, KASH in Korea and IGRS in China, held an online seminar on smart homes titled "Asia Smart Home (Home Network) Standard & Use case Seminar." Please see our website for details. • From December 12th to December 15th, we visited companies in the Taiwan Science Park jointly with Kanagawa Institute of Technology to introduced ECHONET Lite and ECHONET 2.0 and exchanged opinions. 3. Domestic exhibition We exhibited jointly with JEITA at CEATEC 2022 held from October 18th to October 21st under the theme of collaboration between digital garden city and smart homes. At the booth, we introduced the Service Cooperation Platform Study Group established jointly with JEITA and ECHONET2.0.