

ECHONET Consortium activity report (FY2020 3Q)

Category	Activities
Topics	<p>① Introduced the international standardization activities on ECHONET Lite at JISC/IEC/APCE seminar Mr. Matsuda who is a member of international standardization WG introduced the international standardization activities on ECHONET Lite at JISC/IEC/APCE (Asia-Pacific Cooperation Forum) seminar 2020 on December 17th.</p> <p>② Application Communication Interface Specifications Published Application Communication Interface Specifications between storage battery and HEMS controller version 1.20 and Certification Test Specifications corresponding to those specifications to members (Dec. 2020).</p> <p>③ ECHONET Lite Web API Opened ECHONET Lite Web API Guideline API Specification Part version 1.1.1 to the public and also released ECHONET Lite Web API Experiential Cloud service (Web API emulator) updated version and GUI tool for its operation check to members (Oct. 2020).</p> <p>④ Exhibitions Exhibited at CEATEC 2020 online in October (Domestic). Exhibited at ENEX2021 actual and online exhibitions in December (Domestic).</p> <p>⑤ Study of data linkage Signed MOU with PCHA (Personal Connected Health Alliance) and started the study of data linkage (Oct. 2020).</p> <p>⑥ Held the second Home Appliance Open Innovation Workshop Held the second Home Appliance Open Innovation Workshop jointly with Keio University by online (Dec. 2020).</p>
Steering Committee	<p>① Introduced the international standardization activities on ECHONET Lite at JISC/IEC/APCE seminar Mr. Matsuda who is a member of international standardization WG introduced the international standardization activities on ECHONET Lite entitled “International standardization activities on ECHONET Lite, energy management in smart houses” at JISC/IEC/APCE (Asia-Pacific Cooperation Forum) seminar 2020 on December 17th. He appealed the usefulness of ECHONET Lite to international standardization organizations and key members of international standardization in ASEAN countries.</p>
Technical Committee	<p>① Detailed Requirements for ECHONET Device objects Started the deliberation of Detailed Requirements for ECHONET Device objects Release O.</p> <p>② Application Communication Interface Specifications Published Application Communication Interface Specifications between storage battery and HEMS controller version 1.20 and Certification Test Specifications (for storage battery and for HEMS controller) corresponding to those specifications to members (Dec. 2020).</p> <p>③ ECHONET Lite Web API</p> <ul style="list-style-type: none"> • Opened ECHONET Lite Web API Guideline API Specification Part version 1.1.1 with modified group description to the public (Oct. 2020). • Released ECHONET Lite Web API Experiential Cloud service (Web API emulator) updated version which is corresponding to both of ECHONET Lite Web API Guideline API Specification Part version 1.1.1 and Device Part version 1.2.0 and expanded the target objects from 28 types to 30 types to members (Oct. 2020). • Released GUI tool which can check the operation of ECHONET Lite Web API Experimental Cloud service by browser to members (Oct. 2020).
Promotion Committee	<p>① Domestic Exhibitions</p> <ul style="list-style-type: none"> • Exhibited at CEATEC 2020 online with 12 companies and 2 institutes. Over 1,000 people visited us (Oct. 2020). Preparing to show those contents continually on the ECHONET Consortium web site starting within January 2021. • Exhibited at ENEX2021 actual and online exhibitions jointly with Kanagawa Institutes of Technology. 17 companies exhibited with us. Our exhibition was supported by the Japan Federation of Housing Organizations and the Japan Electrical Manufacturers’ Association (Dec. 2020). <p>② Oversees exhibitions Exhibited at IFA 2020 online which is a representative IoT exhibition in Europe. The actual exhibition finished on September 5th, 2020, but the online exhibition will be available until February 26th, 2021.</p> <p>③ Study of data linkage Signed MOU with PCHA (Personal Connected Health Alliance), a standardization body for health care, after having agreed to proceed the study of data linkage between international standards (Oct. 2020). This study is proceeded at newly established Data Linkage Study WG based on the idea of cooperation between silos with a support of JAIST (Japan Advanced Institute of Science and Technology).</p> <p>④ Held the second Home Appliance Open Innovation Workshop Held the second Home Appliance Open Innovation Workshop jointly with Keio University by online on December 4th, 2020 and actively discussed how to solve specific problems when building a VPP system. The outline will be posted on the website later.</p> <p>⑤ Started the joint work with JEITA Mr. Komaki, vice-chairman of promotion committee became a guest member of the JEITA Smart home subcommittee from October 2020 and started the joint work with it.</p>