

**Report on activities of the ECHONET Consortium (Oct.-Dec. 2018)**

Classification	Current activities	Remarks
Topics	<p>(1) Home Appliance Open Innovation Symposium</p> <ul style="list-style-type: none"> <li>• "Home Appliance Open Innovation Symposium—The Future brought by ECHONET 2.0—" was held on December 18, 2018 at Keio University (Mita Campus) (Sponsored by: Keio University Cyber Civilization Research Center, cosponsored by: ECHONET Consortium)</li> <li>• Dr. David Farber from the US, who is known as the father of internet, Dr. Sureswaran Ramadass, chairman of ECHONET Malaysia, and Mr. Richard Schomberg, ambassador of IEC Smart Energy, were invited to the symposium and gave lectures on the topics of IoT in the new world, energy, and international standardization. The symposium had 128 member and non-member participants.</li> <li>• At the Symposium, the ECHONET Consortium announced its goals and basic policy for the new ECHONET 2.0 strategy, which was discussed by the Strategy Building Working Group.</li> <li>• At the symposium, a panel discussion was held with lecturers and spectators, and a new ECHONET effort was introduced.</li> </ul> <p>(2) 2018 Industrial Standardization Project Award from the Ministry of Economy, Trade and Industry</p> <ul style="list-style-type: none"> <li>• The ECHONET Consortium won the 2018 Commendation of Industrial Technology Environment Bureau Director (Industrial Standardization Project Award) as a body that has rendered distinguished service for industrial standardization.</li> </ul> <p>(3) Activities to make the ECHONET Lite AIF specifications into a specification international standard</p> <ul style="list-style-type: none"> <li>• The CHONET Lite AIF specifications between home air conditioners and controllers (ISO/IEC 14543-4-301) were approved with a vote by representatives from various countries for the NEW WORK ITEM PROPOSAL (NP), Working Draft (WD) of ISO/IEC JTC1 SC25 WG1 (Dec 27).</li> </ul> <p>(4) Started operation of the ECHONET Lite Web API experimental cloud</p> <ul style="list-style-type: none"> <li>• Configured an experimental cloud to provide the ECHONET Lite Web API experimental environment for the members (released to the general public via website at the beginning of October). Anyone who is registered as a user according to the license agreement can freely use the experimental cloud.</li> </ul>	
Steering Committee	<p>(1) Activities to make the ECHONET Lite AIF specifications into a specification international standard</p> <ul style="list-style-type: none"> <li>• Since 2017, we have been working to make the ECHONET Lite AIF specifications between home air conditioners and controllers an international standard under ISO/IEC JTC1 SC25 WG1. Through the vote held on December 27 2018 by representatives of member countries for the NEW WORK ITEM PROPOSAL (NP), Working Draft (WD) submitted in September 2018, it was approved as (ISO/IEC 14543-4-301).</li> </ul>	
Technical Committee	<p>(1) APPENDIX Detailed Requirements for Device objects</p> <ul style="list-style-type: none"> <li>• Released to the general public after creating Release K (October 25). "Gas heat pump-type commercial air conditioner (indoor unit) class", "gas heat pump-type commercial air conditioner (outdoor unit) class", "lighting for solid light-emitting source class", and "multiple input PCS class" are newly added It was. Revised properties for the "extended lighting system class" and "household solar power generation class".</li> <li>• Started collecting new proposals for Release L (recruitment term: October 1 through October 22) The WG in charge started studying specifications and preparing proposals.</li> </ul> <p>(2) AIF specifications</p> <ul style="list-style-type: none"> <li>• Released certification test specifications for the Application Communication Interface Specifications between Household Solar Power Generations and HEMS Controllers (Ver.1.10 and Ver.1.1*). (December 21)</li> </ul> <p>(3) Test tools</p> <ul style="list-style-type: none"> <li>• Released the "AIF certification test tools aif_tool-1.2.4 (test tools for devices other than smart electric meters)" and "sma-tools-1.12G-R7 (test tools for low/high-voltage smart electric energy meters)" to members. (October 25). Functional improvements such as serial setting are done.</li> </ul> <p>(4) Web API guidelines</p> <ul style="list-style-type: none"> <li>• Released the ECHONET Lite Web API Guidelines Version 1.00 and ECHONET Lite Web API Appendix Ver.1.00 to the general public (October 3).</li> <li>• Released an experimental cloud complying to the ECHONET Lite Web API Guidelines Version 1.00 and ECHONET Lite Web API Appendix Ver.1.00 to members.</li> </ul> <p>(5) Others</p> <ul style="list-style-type: none"> <li>• Prepared presentation references for ECHONET 2.0 to be used at the Home Appliance Open Innovation Symposium.</li> </ul>	
Promotion Committee	<p>(1) Held a panel discussion and booth exhibition at a conference during 2018 CEATEC JAPAN 2018</p> <ul style="list-style-type: none"> <li>• At the conference, presented an interim report on the ECHONET 2.0 Vision currently under study, held expert panel discussions, and exhibited ECHONET 2.0 concepts.</li> </ul> <p>(2) Created new leaflets.</p> <ul style="list-style-type: none"> <li>• Created leaflets to spread our message to urge extensive application of ECHONET Lite to a wide variety of services that make up IoT society (e.g. from the energy sector to the healthcare and home security sectors).</li> </ul> <p>(3) Created a new website dedicated to ECHONET 2.0 within the ECHONET official website</p> <ul style="list-style-type: none"> <li>• Newly created a website to introduce ECHONET 2.0 initiatives that match the image concept of the new leaflets.</li> </ul> <p>(4) Issue related to joint research projects with Keio University</p> <ul style="list-style-type: none"> <li>• As part of the joint research, a lecture was given to teach business models utilizing ECHONET Lite at the EBA perspective course for major Asian universities.</li> </ul>	