

ECHONET Consortium activity report (FY2023 3Q)

Category	Activities
Topics	<ol style="list-style-type: none"> 1. Started distributing ECHONET IoT MASTER certificates using open badges. We started the distribution of ECHONET IoT MASTER certificates using open badges (October 2023). Open badges are digital certificates and certifications issued in accordance with universal technical standards. They can be used as credentials and can also be shared on social media. 2. ECHONET Lite Web API has been implemented in Nomi City's elderly monitoring system. ECHONET Lite Web API was implemented in the elderly monitoring system in Nomi City, Ishikawa Prefecture, along with a IENAKA data linkage platform (October 2023). ECHONET Consortium held a joint press release with JEITA regarding the collaboration between the Vision for a Digital Garden City Nation and smart homes. 3. Workshop We held a workshop jointly with Keio University on October 5th. 4. Exhibition Exhibited at CEATEC 2023, which was held from October 17th, with the theme of collaboration between the Vision for a Digital Garden City Nation and smart homes.
Steering Committee	<ol style="list-style-type: none"> 1. Started distributing ECHONET IoT MASTER certificates using open badges. We started the distribution of ECHONET IoT MASTER certificates using open badges (October 2023). Open badges are digital certificates and certifications issued in accordance with universal technical standards. They can be used as credentials and can also be shared on social media because they are awarded as highly reliable data that is difficult to forge or tamper with, by leveraging blockchain technology. 2. ECHONET 2.0 Technical Seminar 10th term Internet Academy held the 10th term of the ECHONET 2.0 technical seminar required for obtaining ECHONET IoT MASTER qualification from December 5th to December 6th.
Technical Committee	<ol style="list-style-type: none"> 1. Detailed Requirements for ECHONET Device Objects APPENDIX Detailed Requirements for ECHONET Device Objects Release R Rev.1 has been released to the public (November 2023). 2. Application communication interface specification document AIF specification document between low-voltage smart electric energy meters and HEMS controllers Ver,1,10, AIF specification document between high-voltage smart electric energy meters and HEMS controllers Ver,1,01, AIF specification document between bidirectional compatible high voltage smart power meters and HEMS controllers Ver 1.00 and certification test specifications corresponding to each specification have been released (November 2023). 3. ECHONET Lite Web API The ECHONET Lite Web API Experiment Cloud Service has been updated to support ECHONET Lite Web API Guidelines API specification version 1.1.6 (November 2023). 4. Pulg Fest The event report for the 30th Plug Fest (held on September 6th and 7th, 2023) has been published.
Promotion Committee	<ol style="list-style-type: none"> 1. ECHONET Lite Web API has been implemented in Nomi City's elderly monitoring system. ECHONET Lite Web API was implemented in the elderly monitoring system in Nomi City, Ishikawa Prefecture, along with a IENAKA data linkage platform (October 2023). Nomi City and the project implementing company made this press release, and the ECHONET Consortium made a joint press release with JEITA regarding the collaboration between the Vision for a Digital Garden City Nation and smart homes, which received a lot of attention in the media. 2. Workshop We held a workshop jointly with Keio University on October 5th. In addition to reporting on the status of the ECHONET Consortium's activities, we discussed topics such as the standardization status of aggregation business and security in aggregation business. 3. Exhibition Exhibited at CEATEC 2023, which was held from October 17th, with the theme of collaboration between the Vision for a Digital Garden City Nation and smart homes. It was a huge success with 843 people visiting the venue booth, 157 people attending the seminar at the real venue, and 2002 people attending the online ECHONET Consortium seminar. 4. Joined in the Disaster Prevention DX Public-Private Collaborative Creation Council. In order to strengthen disaster prevention-related collaboration, we participated in the Disaster Prevention DX Public-Private Collaborative Creation Council as a ECHONET Consortium (December 2023). In the future, we will continue to share information with related ministries and agencies and other organizations. 5. ECHONET 2.0 promotion activities To promote the spread of 2.0, Mr. Masato Nagasawa, Chairman of Promotion Committee, explained the status of our activities at the Smart IoT Promotion Forum Technical Standardization Subcommittee on October 31st, the JEITA Wireless Communication System Specialist Committee on December 13th, and the Housing Association Federation on December 14th.