

n Name of event: [ [70th JECA FAIR 2022](https://www.jeca.or.jp/) ] <https://www.jeca.or.jp/>  
( Organizer: JECA-Japan Electrical Construction Association )

n Period: 2 June Wed. 1<sup>st</sup> – Fri. 3<sup>rd</sup> , '22

n Venue/Booth: Tokyo Bigsite (Ariake, Koto-Ward, Tokyo)  
Hall East3 / Booth#3-37, 2 pieces (=5940x2970mm)

n Host of this activity: [HD-PLC Alliance](https://www.hd-plc.org/) <https://www.hd-plc.org/>

n Collaboration Member for exhibition: Following 9 members + the Office  
Socionext / Shikino High-Tech / Shanghai Produce Media / Helvetia / Toho Technology  
/ Panasonic / Nuriflex Japan / LONMARK JAPAN / UL

n Overview of this booth: (Details available for only members, will be released soon)

- 10 separated exhibition corners for each member above with the exhibits and display panels respectively. Refer to the booth map diagram on the other page.
- Contents of exhibit: \*Refer to each exhibition corner photos on the other pages.  
Introduction of G4LSI + demo/Radio freq. sensor information is transmitted by PLC. IoTPLC Comm module + Equipment control NW system. HD-PLC Interphone system. IoT Gateway Adapter, HD-PLC Comm module. Demo panel with "PLINE". PLC Adapter, PLC Plug + demo = Surveillance Camera video transmission. Energy management system. LONMARK-HDPLC demo (ANSI /CTA709.8 Feasibility test). Introduction of the Alliance activity, Etc.



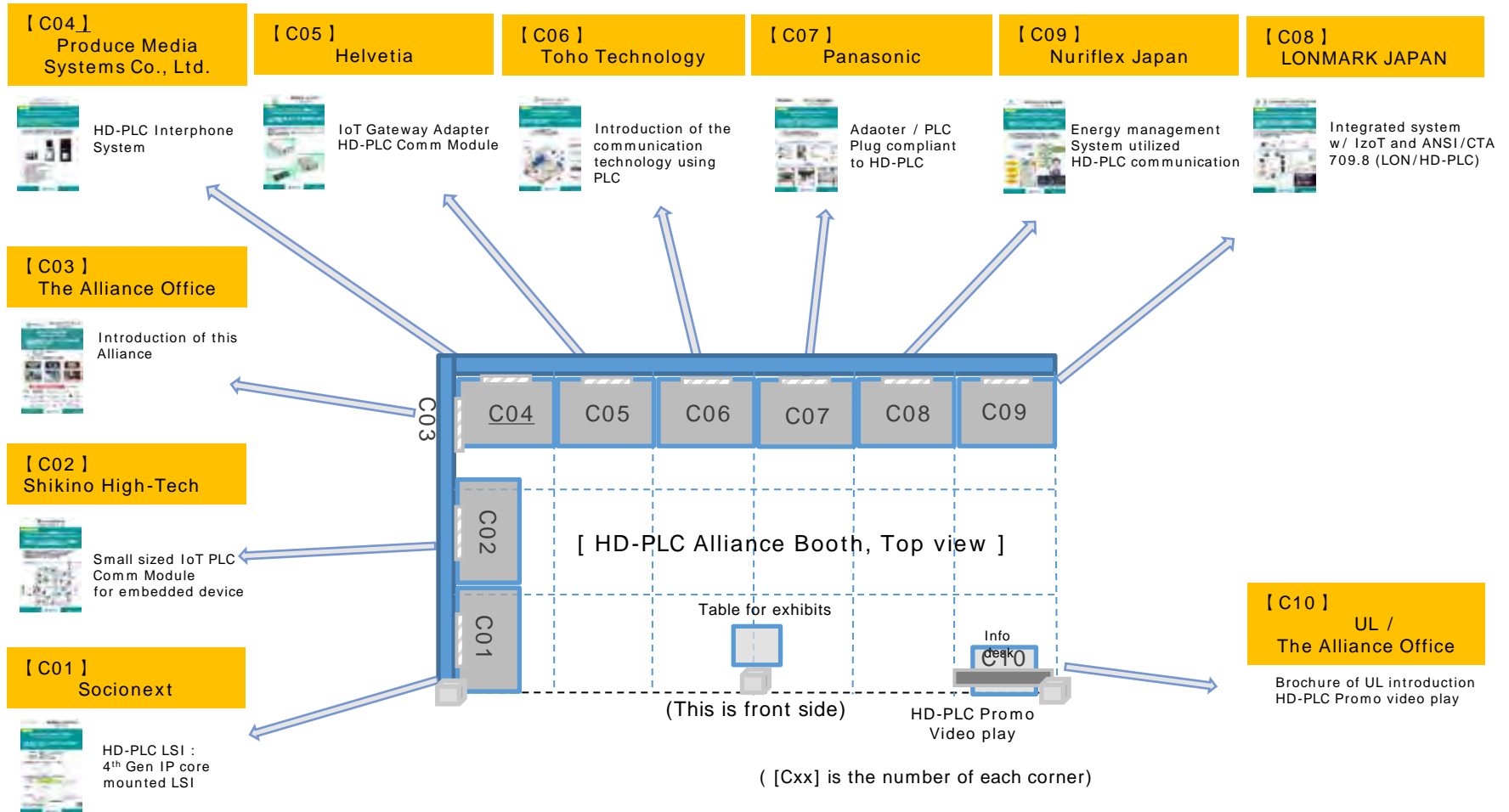
n Brief summary onsite:

- Total number of visitors during 3 days was approx. 70K ( Right diagram shows the number announced by the organizer. The last time in 2019 was approx. 105K).

**The visitors for this booth was high note with a lot of various companies' VIPs and Key persons in several fields such as electrical construction, communication. They were interested in various demos, exhibits and the explanation by each Alliance members.**  
(See photos at middle, right side and at the other pages)

- Performed the visitor hearing about inquiries/opinions in the booth, using the survey sheet /hearing sheet. "Distribution site of documents/information" is organized. Every brochure of each exhibits or display panel were provided to the visitors by download as they wished.
- Inside the exhibition hall, a lot of evidences appeared which prove passing through high-speed PLC to market in the electrical construction field by development of Japanese laws regarding 3-phase power supply and steel ship, such as PLC sample exhibit for FA controller board, HVAC controller gateway/terminal utilizing low-speed PLC (its speeding-up version has also started exploring), migration of power/lighting distribution board into embedded high-speed PLC feature, etc.
- Day-1, "**Exhibitor's Seminar**": President Miyake hold a presentation. More than 30 attendees. The presentation document was provided as they wished.







**C01. Socionext**  
Introduction about 4<sup>th</sup> Gen LSI. Capturing the information by radio-freq human sensed sensor, and displaying it on PC screen through PLC transmission.



**C02. Shikino High-Tech**  
IoTPLC Comm module + Equipment control NW system + VoIP demo utilizing Smartphone.



Overview of this booth



**C03. The Alliance Office**  
Display the exhibit panel about activity introduction.



**C04. PMS**  
Chinese interphone system. The exhibitor is exploring the scheme migrated into Japan model



**C05. Helvetia**  
IoT gateway adapter, HD-PLC Comm module.



**C06. Toho Technology**  
 Introduced its products "PLINE" with a demo Panel. Additionally, "PaWalet Link", a brand-new near-far radio freq. communication technology is demonstrated.



**C07. Panasonic**  
 PLC Adapter, PLC plug (for power duct) + demonstration = Video transmission with Surveillance camera. Another company booth also shows the same exhibits during the period.



Overview of this booth



**C08. Nuriflex Japan**  
 Deploying its own product "AIMIR", as AMR for MDU with the batch power receiving contract and proposing Energy management system for A/C outdoor unit in a building.



**C09. LonMark Japan**  
 LON-HDPLC demo. Feasibility test of ANSI /CTA709.8. Controlled ceiling lights (DALI) by commands from MS/TP devices through LONWORKS IP of LON-HDPLC on a single power line.



**C10. UL**  
 Distribution of the company introduction.  
 UL joined this Alliance since end of last year.