

Showcasing Cutting-Edge Technologies  
for the Art of Manufacturing

# SYSTEM CONTROL FAIR 2015

Innovative Manufacturing: Connecting Technology to Tomorrow

Date: December 2 (Wed.) – 4 (Fri), 2015

Opening Hours: 10:00 – 17:00

Venue: Tokyo Big Sight West Hall 1,2,3,4 & Atrium

Report



<http://scf.jp/en/>

Organized by

The Japan Electrical Manufacturers' Association (JEMA)

Nippon Electric Control Equipment Industries Association (NECA)

# SYSTEM CONTROL FAIR 2015

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## Report

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1. What do you think about the venue?			
2. How would you rate the SYSTEM CONTROL FAIR 2015 and Measurement and Control Show 2015 TOKYO simultaneous event?			
3. Was it effective for your business to exhibit at the show?			

# I . Thanking Remarks

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System Control Fair 2015 was held from Dec. 2 to Dec. 4, 2015, at Tokyo Big Sight, simultaneously with Measurement and Control Show 2015 Tokyo, and was a major success thanks to the support and assistance of involved agencies and organizations, and widespread participation by the industry.

The event is scheduled to be held next from Wednesday, Nov. 29 to Friday, Dec. 1, 2017, as System Control Fair 2017, and we sincerely hope that you will be able to join other industry leaders there.

Below is a brief summary of the results of the 2015 fair.

The Japan Electrical Manufacturers' Association (JEMA)  
Nippon Electric Control Equipment Industries Association (NECA)

# II . Result

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## 1.Overview

- ① **TITLE** : SYSTEM CONTROL FAIR 2015 (SCF 2015)
- ② **THEME** : Innovative Manufacturing: Connecting Technology to Tomorrow
- ③ **DATE** : December 2nd (Wed.) to December 4th(Fri), 2015 (3 days)  
10:00AM to 5:00PM
- ④ **VENUE** : Tokyo Big Sight (Ariake: Tokyo International Exhibition Center)  
West Hall-1, Hall-2, Hall-3, Hall-4 and Atrium
- ⑤ **ORGANIZED BY** : The Japan Electrical Manufacturers' Association (JEMA)  
Nippon Electric Control Equipment Industries Association (NECA)
- ⑥ **SUPPORTED BY(in no particular order)** :  
Ministry of Economy, Trade and Industry, Ministry of the Environment,  
Japan External Trade Organization (JETRO), Tokyo Metropolitan Government,  
Tokyo Big Sight
- ⑦ **IN COOPERATION WITH (in no particular order)** :  
Japan Robot Association  
Japan Machine Tool Builders' Association  
Japan Electric Association  
Japan Electronics Packaging and Circuits Association  
The Japan Food Machinery Manufacturers' Association  
Japan Electronics and Information Technology Industries Association  
Japan Automobile Manufacturers Association, Inc.  
Japan Chemical Industry Association  
The Society of Instrument and Control Engineers  
Manufacturing Science and Technology Center  
The Energy Conservation Center, Japan  
The Institute of Systems, Control and Information Engineers  
The Japan Society of Industrial Machinery Manufacturers  
Japan Electric Measuring Instruments Manufacturer's Association  
The Association of Japan Instrumentation Industry  
The Institute of Electrical Engineers of Japan  
Japan Switchboard & control system Industries Association  
The Japan Machinery Federation  
The Japan Society of Mechanical Engineers  
The Japan Iron and Steel Federation  
Communications and Information network Association of Japan  
Society of Automotive Engineers of Japan  
Japan Research Industries and Industrial Technology Association  
Japanese Liquid Crystal Society
- ⑧ **GLOBAL PARTNERS (in no particular order)** :  
German Electrical and Electronic Manufactures' Association (ZVEI)  
Korea Electrical Manufacturers Association (KOEMA)  
Taiwan Electrical & Electronics Manufacturers' Association (TEEMA)  
Singapore Industrial Automation Association (SIAA)  
SingEx Exhibitions Pte Ltd
- ⑨ **Concurrent Show** :  
Measurement and Control Show 2015 TOKYO  
INTERNATIONAL ROBOT EXHIBITION 2015, Parts Feeder Exhibition 2015,  
PAN-EXHIBITION FOR WASH AND CLEAN 2015, SAMPE JAPAN 2015,
- ⑩ **EXHIBIT CATEGORIES**  
Technologies, equipment, and systems needed in manufacturing
  - FA control systems, equipment and communications systems, data-com equipment
  - FA software, configuration and recognition equipment, automated inspection systems
  - Drive control equipment, actuator sensing systems and equipment
  - Control components, power supplies, wiring and power distribution systems
  - Safety control equipment, energy-saving systems, alternative energy, environmental equipment
  - Other related systems and equipment
  - ICT
  - IoT / M2M
  - Big data utilization
- ⑪ **Exhibition scale** : Total exhibitors: 180 corporations in 785 booths

## 2.Exhibitor List

### A

ABB K.K.  
 Advantech Japan Co, Ltd  
 ALAXALA Networks Corporation  
 ALFATECH Inc.  
 ALGO SYSTEM Co.Ltd.  
 Anywire Corporation  
 ASAHI KASEI EIC SOLUTIONS  
 Asprova Corporation.  
 Automation-news  
 Azbil Corporation

### B

B&R Industrial Automation K.K.  
 Balluff Co.Ltd.  
 Beckhoff Automation K.K  
 BellChild Co.Ltd.  
 BJ-SOFT Inc.

### C

CC-Link Partner Association  
 Cogent Real-Time Systems Inc.  
 COSMOTECHS CO.LTD  
 CTK CORPORATION  
 CTK-EAST CORPORATION  
 CTK-WEST CORPORATION

### D

DAIICHI ELECTRONICS CO.LTD.  
 DEGSON ELECTRONICS CO.LTD.  
 Delta Electronics, Inc  
 Digital Electronics Corporation  
 DYDEN CORPRATION

### E

efector co.ltd.  
 Eifer Elecktro Firma Co.Ltd  
 ENDO KOGYO CO.LTD.  
 Eplan Software & Service Co, Ltd.  
 EtherCAT Technology Group

### F

FUJI ELECTRIC CO.LTD  
 FUJICON CO.LTD.  
 Fujitsu Limited

### H

HITACHI .Ltd.  
 Hitachi Industrial Equipment Systems Co.Ltd  
 Hitachi High-Technologies Corporation  
 Hitachi Zosen Corporation  
 HMS Industrial Networks K.K.  
 HOKUYO AUTOMATIC CO.LTD.  
 HONDA TSUSHIN KOGYO.CO.LTD

### I

IDEC CORPORATION  
 ILME Japan Co.Ltd.  
 Imageom Corporation  
 INCOM Company Ltd.  
 Industrial Support Assiation of Shirakawa

### J

JAPAN DIREX CORPORATION  
 JOBLE CORPORATION  
 JT Engineering inc.  
 JTEKT CORPORATION

### K

K.MECS CO.LTD.  
 KANSAI THUNDERCLOUD ALLIANCE  
 KANTO L-ENGINEERING Co.LTD.  
 KASUGA ELECTRIC WORKS LTD.  
 Kawamura Electric Inc  
 Kepware Japan K.K.  
 KOBATA GUAGE MFG.CO.LTD  
 KOKUSAI DENGYO CO.LTD  
 KOYO ELECTRONICS INDUSTRIES CO.LTD.  
 KYORITSKEIK CO.LTD.

### L

Lattice Technology Co.Ltd.  
 LinX Corporation  
 LSIS CO.LTD.

### M

MECHATROLINK MEMBERRS ASSOCIATION  
 MEIDENSHA CORPORATION  
 MHPS CONTROL SYSTEMS Co, Ltd  
 Microsoft Japan Co.Ltd.

### MITSUBISHI ELECTRIC CORPORATION

MITSUBISHI ELECTRIC ENGINEERING CO.LTD.  
 MITSUBISHI ELECTRIC SYSTEM&SERVICE CO.LTD.  
 MITSUBISHI HITACHI POWER SYSTEMS, LTD.  
 M-System.Co.Ltd.  
 Multi Measuring Instruments Co.Ltd.  
 MURATA MACHINERY.LTD

### N

NADA ELECTRONICS.LTD.  
 Net One Partners  
 Net One Systems Co, Ltd.  
 NIC Co.Ltd.  
 NICHIFU CO.LTD  
 Nikkei Business Publications.Inc.  
 NIKKEI MFG.CO.LTD.  
 Nippon Pulse Motor Co.Ltd.  
 Nippon Steel&Sumikin Welding Co.Ltd.  
 NIPPON STELL & SUMIKIN TEXENG .CO.LTD  
 Nisshin Systems Co.Ltd.  
 NITTO KOGYO CORPORATION  
 NKK SWITCHES CO.LTD

### O

OHM ELECTRC.CO.LTD.  
 OMRON Corporation  
 OPC Council Japan  
 ORIENTAL MOTOR CO.LTD.  
 OSADA CO, LTD.  
 Osaka Jido Denki Co.Ltd.

### P

Panasonic Corporation  
 Panasonic Industrial Devices SUNX  
 PATLITE Corporation  
 Pepperl + Fuchs K.K.  
 PHOENIX CONTACT K.K.  
 PHOTRON LIMITED  
 Pilz Japan Co.Ltd.  
 PLCopen  
 profichip GmbH  
 Puerto Co, Ltd.

### R

Rittal K.K.  
 Rockwell Automation Japan Co, Ltd.  
 RS Components KK

### S

Safety Network Japan  
 SANYO DENKI CO.LTD.  
 SCHMERSAL Japan Branch Office  
 Seedware Corporation  
 Sertec Corpo r ation  
 SHIRAKAWADENSAN CORPORATION  
 SHIZUKI ELECTRIC CO.INK.  
 Siemens K.K.  
 Skkynet Cloud Systems,Inc.  
 SOLTON CO.LTD.  
 StepTechnica Co, Ltd.  
 Sunmulon Co.Ltd.  
 SUS  
 SUZU TECH Co.Ltd  
 SUZUDEN CORPORATRION  
 System Metrix Co.Ltd.

### T

TAKEBISHI CORPORATION  
 TECHN0  
 3M Japan Limited  
 TOA MUSENDEKI CO, LTD.  
 TODENSHA CO.LTD.  
 Toho Technology Corp.  
 TOKAI SOFT CO.LTD.  
 TOKYO DENKI GIJYUTSU KOGYO CO.LTD.  
 TOSHIBA CORPORATION  
 TOSHIBA INDUSTRIAL PRODUCTS SALES CORPORATION  
 Toshiba IT & Control Systems Corporation  
 Toshiba Schneider Inverter Corporation  
 TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION  
 TOYO DENKI SEIZO K.K.  
 TOYOGIKEN.CO.LTD.

### V

Virtual Engineering Community

### W

Wacom Co.Ltd.  
 WAGO company of Japan .ltd.  
 Watanabe Electric Industry Co.Ltd  
 Weintek Labs. Inc  
 Wellintech Japan

### Y

Yaskawa Electric Co.  
 Yaskawa Siemens Automation & Drives Corp.  
 YOODS Inc.

### Z

ZUKEN Inc.  
 ZUKEN ELMIC Inc.

### Open Network Zone

eWON K.K.  
 Gailogie Corporation  
 HARTING K.K.  
 Hilsher Japan KK  
 HMS Industrial Networks K.K.  
 Japan Actuator-Sensor-Interface  
 Japanese PROFIBUS Organization  
 Molex Japan LLC  
 Motionnet Members Association  
 NIPPON DENKI KENKYUSHO CO.LTD  
 ODVA, Inc.  
 Renesas Electronics Corporation  
 SECOMEA  
 Sercos Asia-Japan Office  
 softing  
 THE JAPAN ELCTRICAL MANUFACTURERS' ASSOCIATION  
 TURCK Japan Corporation  
 Unitec corporation  
 WAGO company of Japan .ltd.

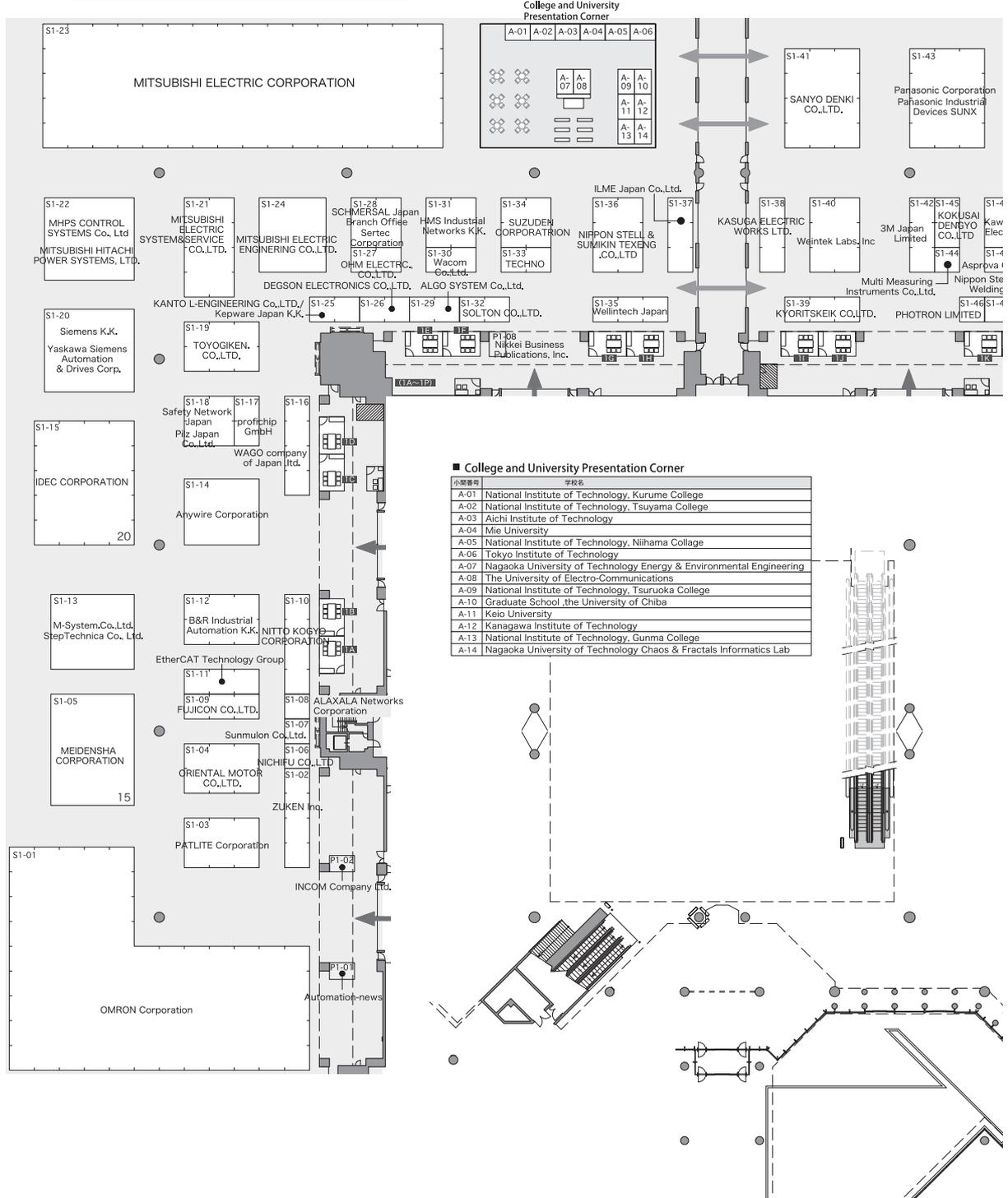
### Overseas Pavillion

Korea Electrical Manufacturers' Cooperative  
 Bokuk Electric Industrial Co. ltd  
 Koryo Electric Engineering  
 Pasetech CoLtd  
 Seo Jin Electric Co. ltd  
 Taiwan Electrical and Electronic Manufacturers' Association (TEEMA)  
 DINKLE ENTERPRISE CO, LTD.  
 FON CHANG ELECTRICAL CORP.  
 GI FAR TECHNOLOGY CO, LTD.  
 GOOD WILL INSTRUMENT CO, LTD.  
 HIGHLY ELECTRIC CO, LTD.

### 3.Exhibition Floor plan

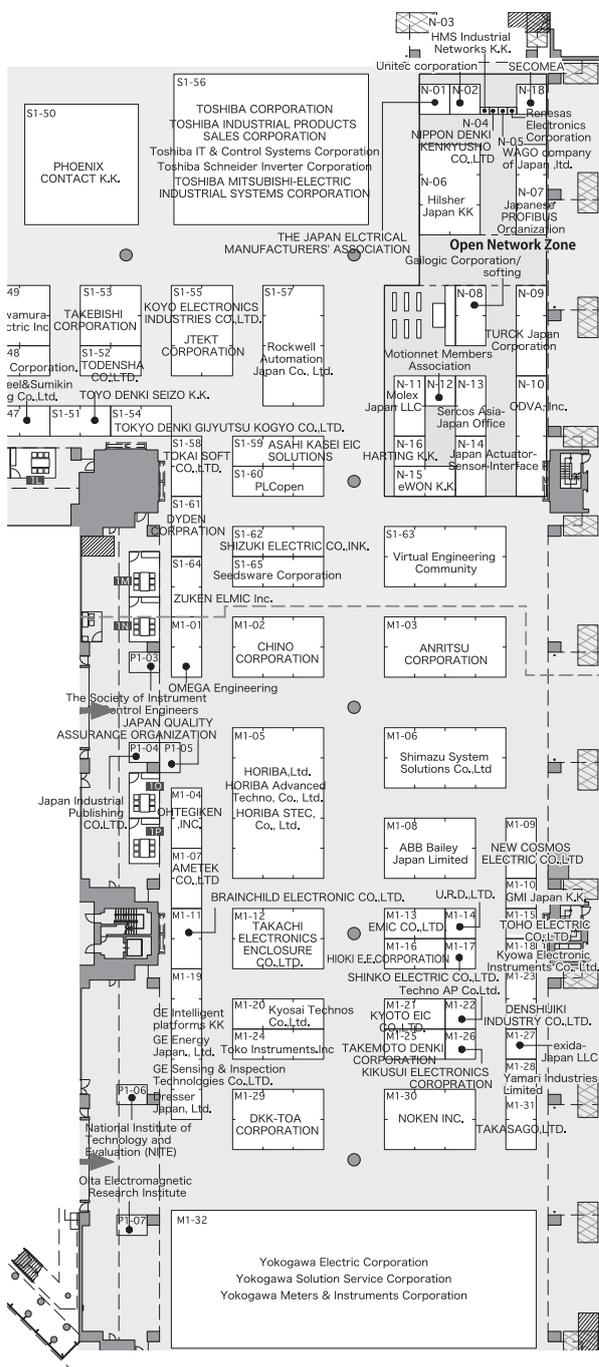
# SCF 2015

## WEST HALL 1



**College and University Presentation Corner**

小間番号	学校名
A-01	National Institute of Technology, Kurume College
A-02	National Institute of Technology, Tsuyama College
A-03	Aichi Institute of Technology
A-04	Mie University
A-05	National Institute of Technology, Niihama Collage
A-06	Tokyo Institute of Technology
A-07	Nagaoka University of Technology Energy & Environmental Engineering
A-08	The University of Electro-Communications
A-09	National Institute of Technology, Tsuruoka College
A-10	Graduate School, the University of Chiba
A-11	Keio University
A-12	Kanagawa Institute of Technology
A-13	National Institute of Technology, Gunma College
A-14	Nagaoka University of Technology Chaos & Fractals Informatics Lab



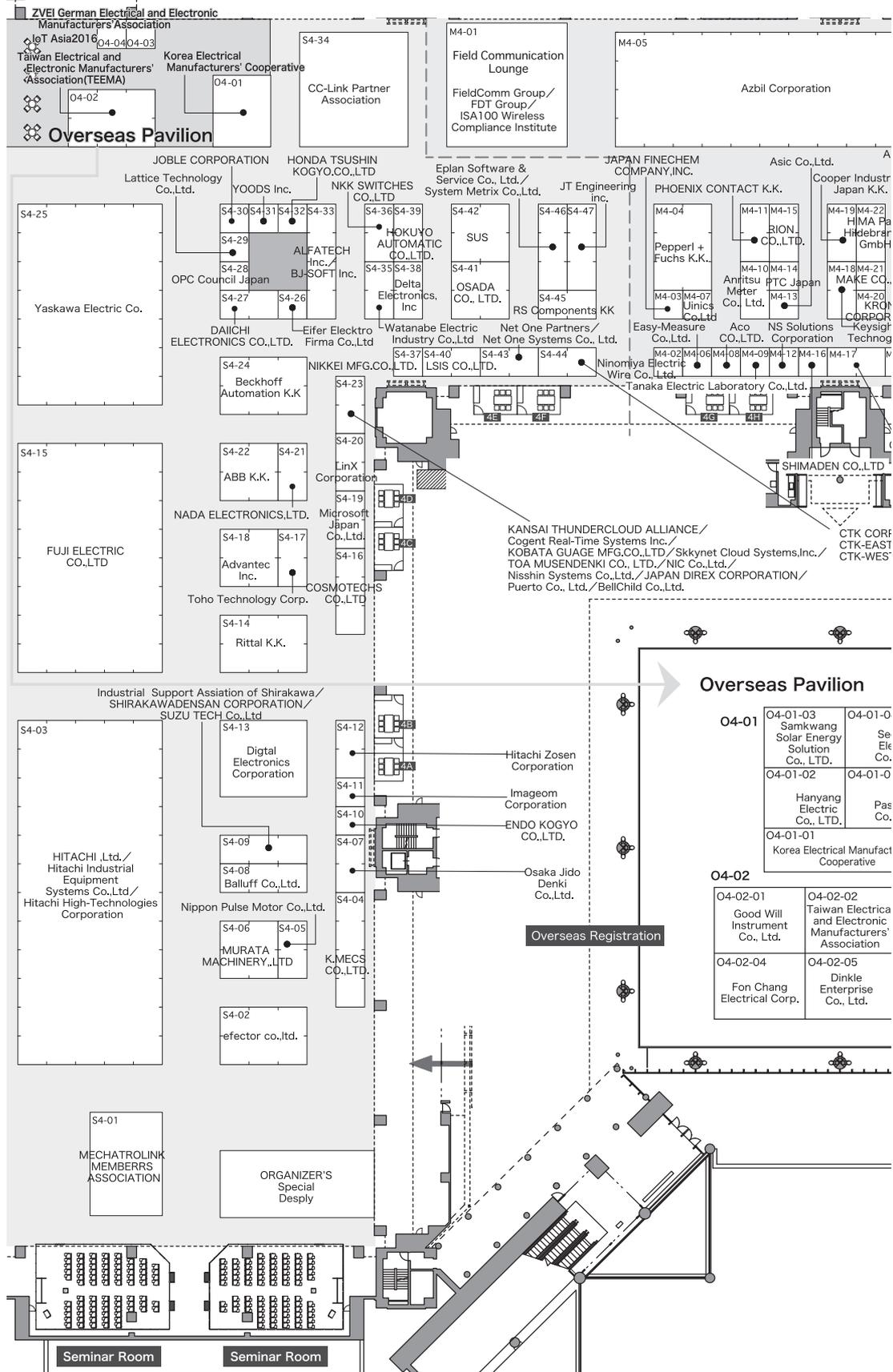
**WEST HALL 2**

**Measurement and Control Show 2015 TOKYO**

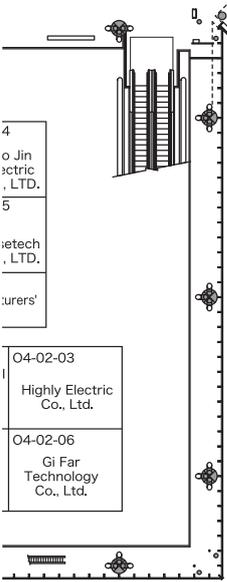
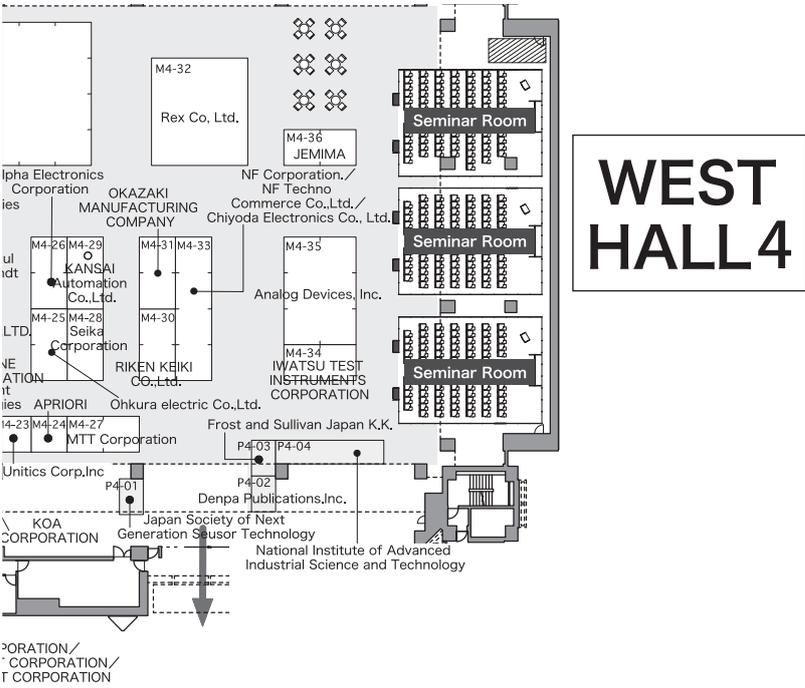
# SCF 2015

# Measurement

## WEST HALL 3



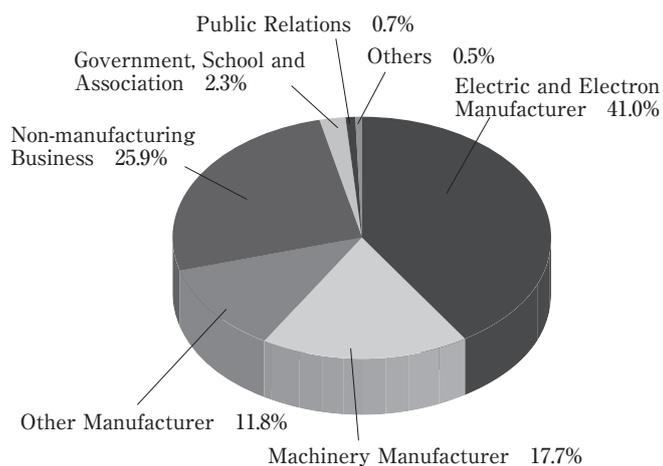
# ent and Control Show 2015 TOKYO



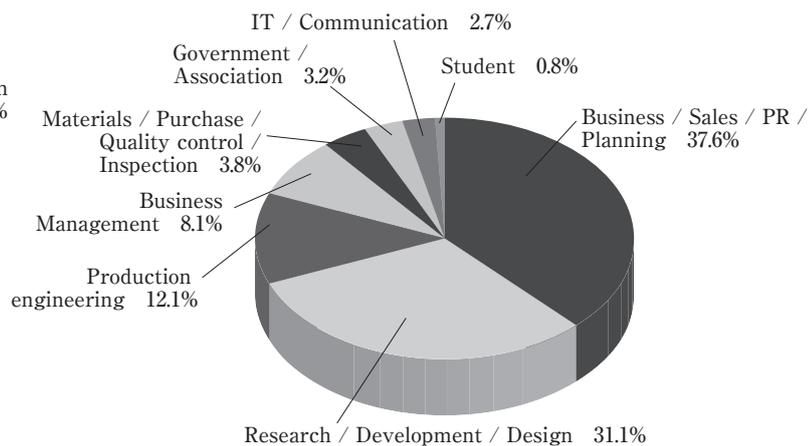
## 4.Visitors

### Visitors per day

Date	2015/12/2(Wed.)	2015/12/3(Thu.)	2015/12/4(Fri.)	Total
Weather	Cloudy	Cloudy/Rain	Fine	
Attendance	12,296	16,678	20,510	49,484
	—	—	—	61,681 ※Including exhibitors



Visitor Classification (%)



Visitor Classification (%)

## 5.Opening ceremony

DATE: December 2nd (Wed.), 9:30AM

VENUE: Tokyo Big Sight, 2F, Entrance Hall



## 6.Opening reception

DATE: December 2nd (Wed.), 5:30PM

VENUE: Tokyo Big Sight, Conference Tower, Reception Hall



## 7. Simultaneous event: Conference & Seminar

- Keynote
- Special Conference 1, 2, 3
- Panel Discussion
- Sponsored Session
- IoT Session
- Exhibitors' workshop
- SCF Technical seminars
- NECA Special Conference



## 8. Simultaneous event: Organizer's Project "The 4th Industrial Revolution- Getting Connected"

In Europe and America, the recurrence to the manufacturing industry has started reviewing its economic effect, being based on the outflow of the manufacturing industry caused by globalization and reflection of the finance overemphasis. The new industrial revolution attracts attention including the movement of making production into service with the benefit of information technology. The display about the world trend, industrial policy of the country, the image of the production system from the past to the future, future issue, the related display and the conference will be introduced. This was the special feature of this year's exhibition.



## 9. Simultaneous event: Atrium Stage

Organizer's presentation stage was set up in the central atrium in West Hall. During 3 days of the show, topical guests in the front line of the industry joined the talk shows. As a hub of information distribution, it was always active with various events and introduction of booths.



## 10. Simultaneous event: Open Network Zone

With open network, easy, effective and stable connection can be established between various machinery and equipment operating in the factory. Along with the new tide "The 4th Industrial Revolution- Getting Connected", the latest equipment, technology and service was specially displayed in this area as powerful tools to enforce automation. Mini presentation by the participating companies was conducted.



## 11. Simultaneous event: Overseas Pavilion

This was the pavilion consisting of the embassies and trade promotion organization. Specially featured zone in order to activate the industry in a global setup.



## 12. Simultaneous event: College and University Presentation Corner

Colleges and Universities all around Japan presented their latest study such as future and practical technology related to automation, measurement and control and IoT practical use technology regarding manufacturing. In order to support their study, special award was given to the excellent laboratory. Students joined the industry study seminar and visited the company booths.



## 13. Simultaneous event: Lottery & Stamp Rally

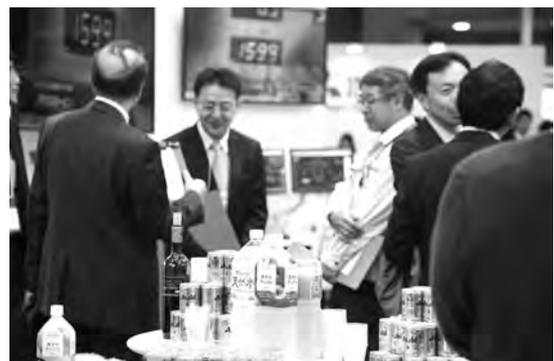


## 14. Simultaneous event: Introduction video on SNS



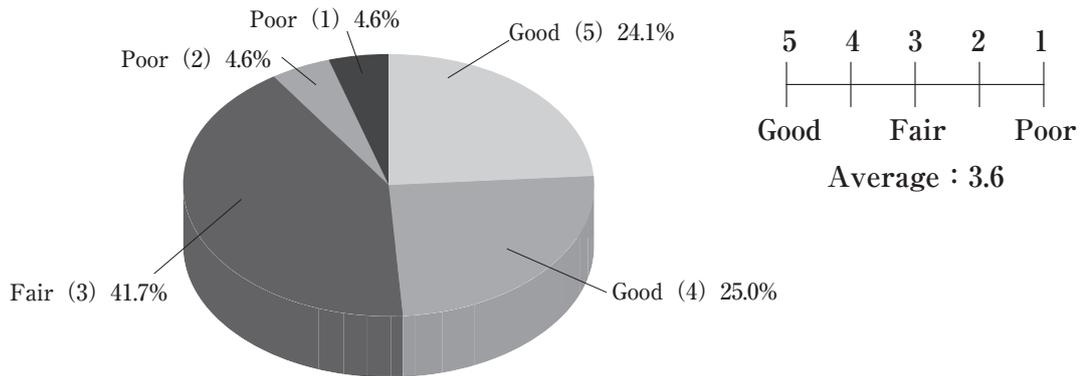
## 15. Simultaneous event: Happy Hour

16:00 to 17:00 on December 3 (Thu.), the 2nd day of the show was "Happy Hour"! Everyone can enjoy drink and food at participating exhibitors' booth and the common area.

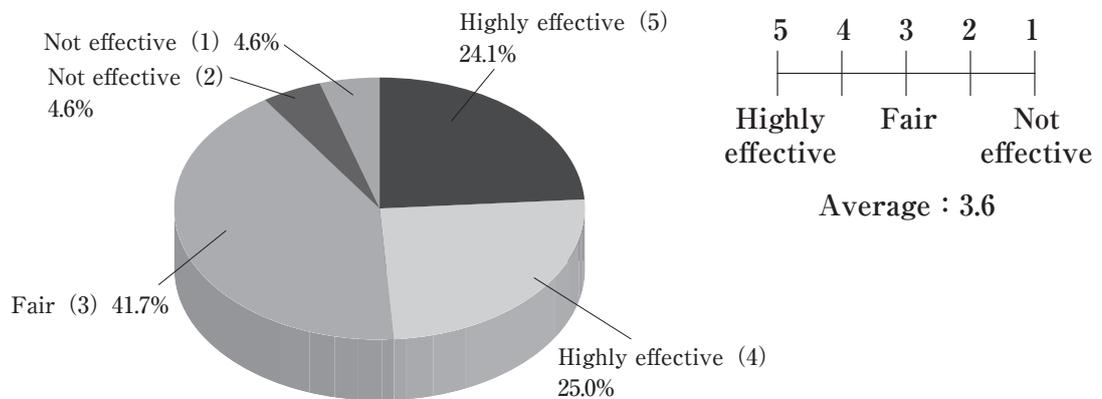


### III. Voice of exhibitors

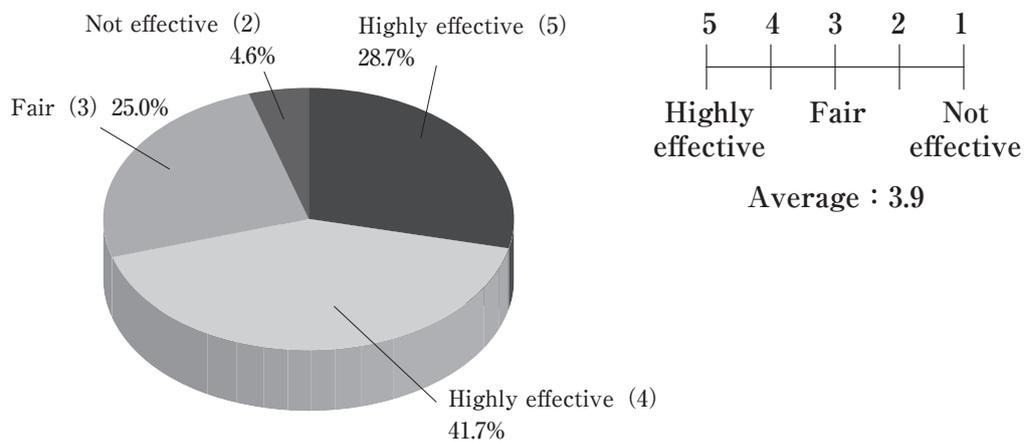
#### 1. What do you think about the venue ?



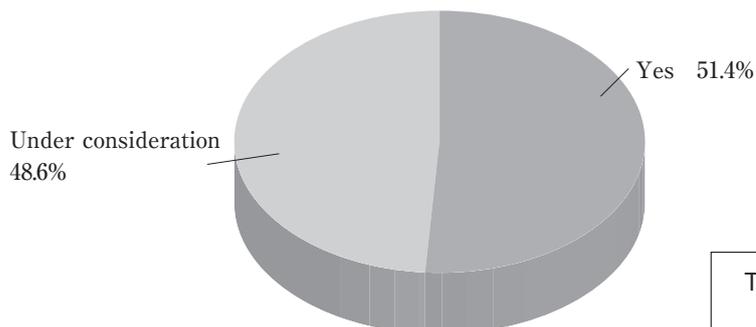
#### 2. How would you rate the SYSTEM CONTROL FAIR 2015 and Measurement and Control Show 2015 Tokyo simultaneous event ?



#### 3. Was it effective for your business to exhibit at the show ?



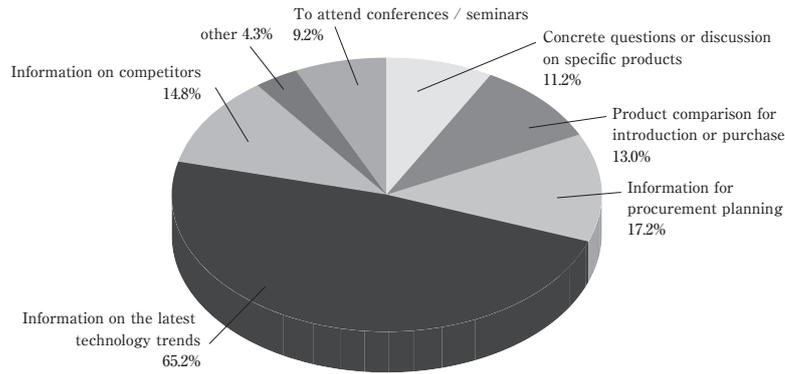
#### 4. Are you planning to participate in the next show in 2017 ?



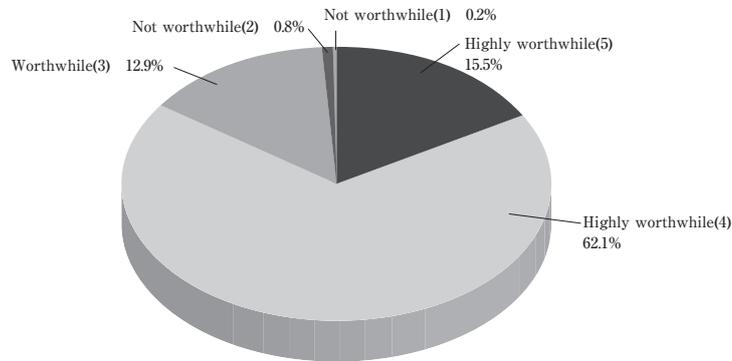
Total valid responses : 129firms  
Recovery : 97%

# IV. Visitor questionnaire

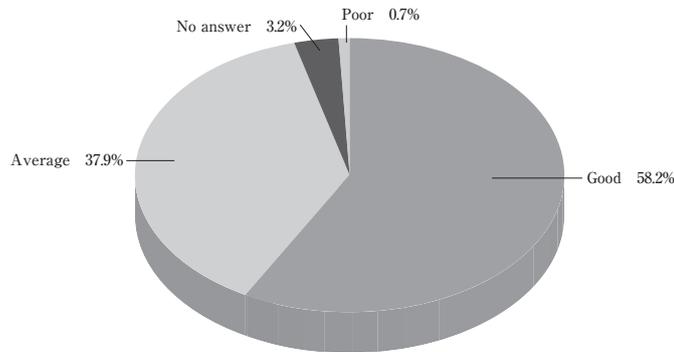
## 1. What was your reason for visit ? (Multiple answers)



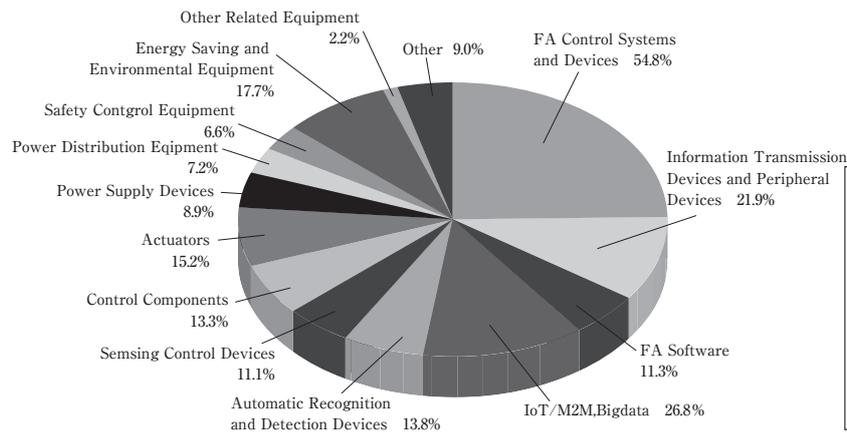
## 2. Do you consider your visit was worthwhile ?



## 3. How would you rate the SYSTEM CONTROL FAIR 2015 and Measurement and Control Show 2015 TOKYO simultaneous event ?



## 4. Which category of exhibits did you find interesting ? (Multiple answers)



Visitor questionnaire Method: Questionnaire corner was set up inside the show site. Questionnaires were distributed and collected. Total valid responses : 3,342

# V. Advertising and PR activities

## 1. Preliminary Seminar

On May 21, 2015, welcomed about 300 visitors, the Preliminary-Seminar on "The 4th Industrial Revolution is going ahead" was held. Now it is introduced efforts to Robot Revolution realization that have been added to the new growth strategy listed of the Ministry of Economy, Trade and Industry. And it was introduced in Hannover Messe by the Embassy of the Federal Republic of Germany to the "Report of Industry 4.0".



## 2. Press conference and mass media announcements

On December 3, 2014, representatives of companies planning to exhibit at the fair were welcomed to an explanatory presentation, followed by a press conference. Information provided included an outline of the fair and exhibitions, and introductions to key features.

On November 4, 2015 a press conference for mass media was held, introducing the outlines, key features, and concepts for both events. 19 reporters from 17 mass media vehicles attended, with active Q&A and individual interviews.



## 3. Presentation for embassies, trade promotion organizations, and related groups

On July 9, 2014, a presentation was given to representatives from embassies, trade promotion organizations, and related groups, covering the outlines and features of the two events. Representatives from 14 nations, mostly the United States, Europe, Asia and Africa, participated, engaged in an active exchange of opinions.

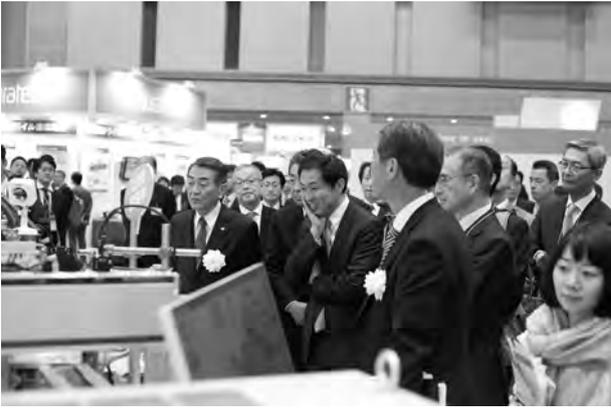


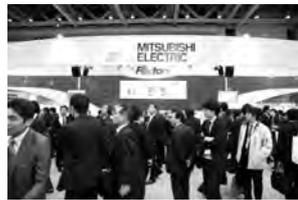
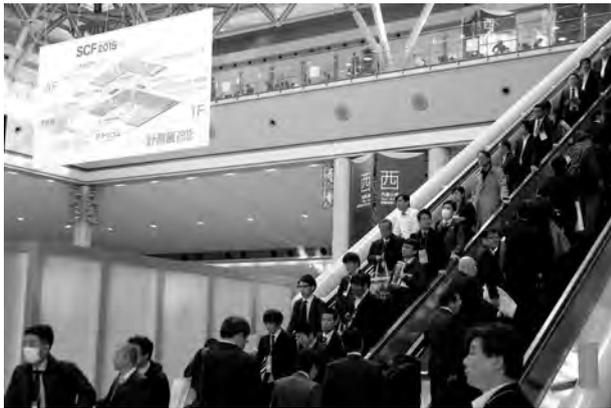
## 4. Advertising and PR activity by organizer

A dynamic media promotion strategy designed to boost the number of visitors was implemented throughout Nikkei group media, leading industry newspapers and technical journals, websites, e-mails, SNS, and other vehicles.



VI.Portofolio





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# SYSTEM CONTROL FAIR 2015

## EXECUTIVE COMMITTEE

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Azbil Corporation

FUJI ELECTRIC CO., LTD.

Fuji Electric FA Components & Systems Co., Ltd

Hitachi,Ltd.

Hitachi Industrial Equipment Systems Co.,Ltd.

IDEC CORPORATION

MEIDENSHA CORPORATION

mitsubishi electric corporation

Nippon Electric Control Equipment Industries Association(NECA)

OMRON CORPORATION

Panasonic Corporation

Panasonic Industrial Devices SUNX Co,Ltd.

The Japan Electrical Manufacturers' Association(JEMA)

TOSHIBA CORPORATION

TOSHIBA INDUSTRIAL PRODUCTS AND SYSTEMS CORPORATION

YASKAWA Electric Corporation

(Alphabetical order)

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## Pre-announcement for SCF2017

Date : November.29 (Wed.) – December 1. (Fri.), 2017 (3 days)

Venue : Tokyo Big Sight  
(Ariake, Tokyo International Exhibition Center)

Organizer :  **JEMA** The Japan Electrical Manufacturers' Association  
 **NECA** Nippon Electric Control Equipment Industries Association

Contact

SYSTEM CONTROL FAIR EXECUTIVE COMMITTEE  
17-4 Ichibancho Chiyoda-ku, Tokyo 102-0082, Japan  
Tel : 81-3-3556-5885 Fax : 81-3-3556-5890