

MECHATROLINK NEWS provides members of MMA with the latest information on MECHATROLINK.

### SCF and SEMICON Report

The MECHATROLINK Members Association exhibited the System Control Fair 2007(SCF) at Tokyo Big Sight, Nov. 13 (Tue) through 16 (Fri) as well as the SEMICON Japan 2007 in Makuhari Messe, Dec. 5(Wed) through 7 (Fri).

The SCF was 108,456 visitors in all. 2,500 of those visitors stopped at the MMA booth. This number of visitors exceeds expectation and exhibition of MMA was a great success.

SEMICON attracted a large number of visitors, as expected, including many from overseas giving it an international flavor. There were 109,300 visitors in all, and the MMA booth was visited by 1,500 people.

The MMA provided the following presentation and exhibits at SCF & SEMICON.

(1) Presentation

- Success of YAMAGATA CASIO CO., LTD in chip mounter and an introductory presentation of MECHATROLINK-III.

(2)Demo with the wall

- Information of MECHATROLINK-II compatible products from various companies filled the wall of the booth and their interconnectability was demonstrated.

8 masters and 49 slaves (driver :43 axes + others:6 channels)

- MECHATROLINK-III operation demonstrations were exhibited on panels.

(3)Demo with several table

- MECHATROLINK compatible products of various MMA members were exhibited on tables.

- Proposals for MECHATROLINK solutions were suggested.

The following MMA members participated in both exhibitions. OMRON CORPORATION, MYCOM,INC., YASKAWA ELECTRIC CORPORATION, YOKOGAWA ELECTRIC CORPORATION, RKC INSTRUMENT INC., IAI CORPORATION, ALGOSYSTEM CO., LTD., ANYWIRE CORPORATION, ORIENTAL MOTOR CO., LTD., KOYO ELECTRONICS INDUSTRIES CO., LTD., DIGITAL ECTRONICS CORPORARION, HARMONIC DRIVE SYSTEMS INC., MICRONET CO., MELEC INC., and M-SYSTEM.CO.,LTD.



SCF2007



SEMICON Japan 2007

### Overseas Exhibition Participation Report

The MECHATROLINK Members Association participated in the following two overseas exhibitions.

1) Motion Control Show 2007 in Korea

The show was held in Seoul, Korea Oct. 10 through 12. The number of 10,000 or more visitors, and many of them visited MMA booth. PHOENIX CONTACT, OMRON CORPORATION, LS Industrial Systems Co., Ltd., ANYWIRE CORPORATION, MYCOM,INC., HANMI SEMICONDUCTOR CO., Ltd., CONVEX CO., Ltd., Tyco Electronics AMP K.K., YASKAWA CONTROLS CO., Ltd., and YASKAWA ELECTRIC CORPORATION, all are MMA members, participated in the exhibition.

2) PACK EXPO in Las Vegas, USA

The exhibition was held in Las Vegas, Nevada (USA), Oct. 15 through 17. The MMA set up a MECHATROLINK exhibition section in the booth provided by YASKAWA ELECTRIC America. Among MMA members, RKC INSTRUMENT INC ., PHOENIX CONTACT, ORIENTAL MOTOR CO., Ltd., MYCOM,INC., and YASKAWA ELECTRIC CORPORATION, participated in the exhibition.



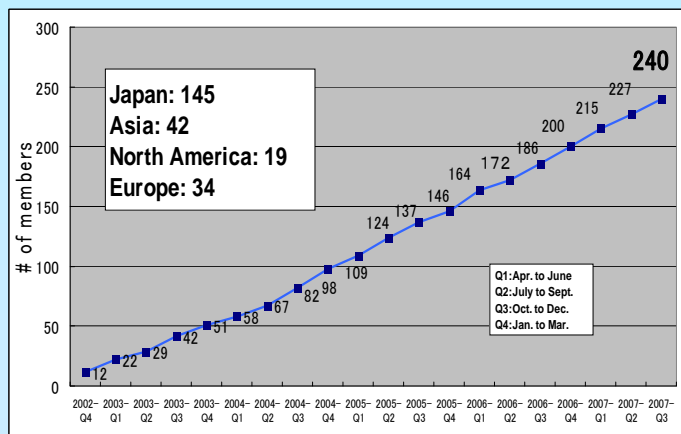
Motion Control Show



Pack Expo

### Increase in MMA Members

227 companies (Sept.2007)⇒240 companies (Dec. 2007)  
13 new member companies



## New Compliance & Certification Test (follow-up)

The MMA will introduce the new testing system for compliance & certification in Jan. 2008. MMA members who wish to take the test for a master certification are required to apply for the test in the category under which the master falls.

For MMA members' products that have already been released, MECHATROLINK command specifications will be posted on the MMA homepage.

For slave products, the contents of specifications were reviewed in October, 2007, when the MMA documents were revised. For those members who plan to develop slave products and to apply for a compliance & certification test, please see the updated specifications.

For details, refer to the members page on the MMA homepage.

## New MECHATROLINK Products

MECHATROLINK compliant products by MMA member companies.

MYCOM INC.: Stepper Motor Driver

**High-resolution, high-precision, and low vibration are achieved by NanoDrive control.**

Model:MLN50-110/120



Features:

- High-resolution: 500,000 step/rev. max.
- High-precision: 0.00072°/pulse min. (when the basic step is divided by 1000)
- Resolution can be selected from 16 different settings.
- Event output is possible when a specified pulse is reached(hardware output).
- Equipped with encoder input and closed loop control.

Inquiries:

MYCOM INC.

No.12,S.Shimobano,Saga Hirosawa,Ukyo,Kyoto,Japan

Tel:+81-75-882-3601 Fax:+81-75-882-6531

e-mail : sales@nyden.com

URL: <http://www.nyden.com/>

YASKAWA ELECTRIC Corp.: V1000 Inverter

**So advanced! So easy! The world's smallest!**

**Small vector control inverter V1000**

Model: CIMR-VA□A□□□□



Features:

- So advanced!: Two drives in one. V1000 runs not only induction motors, synchronous motors like IPMM and SPMM motors as well.
- So easy!:Parameters set automatically-hassle free programming!
- The world's Smallest!: The perfect space-saving design.70% when compared to our earlier models.

Inquiries:

Yaskawa Electric Corp. , Inverter Division

Nishimiyaichi 2-13-1, Yukuhashi-city, Fukuoka 824-8511

e-mail : refer to "Inquires" on the following homepage.

URL: <http://www.e-mechatronics.com/en/product/inverter/>

## MECHATROLINK-III ASIC Release

MECHATROLINK-III ASIC was released on Nov. 13 and we are accepting orders. Regular MMA members can place an order. For details, contact MECHATROLINK Members Associations.

There are two different packages: FBGA and LQFP. They are for both masters and slaves.



□12mm

FBGA (JL-100A)



□20mm

LQFP (JL-101A)

## MECHATROLINK Seminar

The 2007 MECHATROLINK seminar details follow. We hope to see many participants.

<Program>

MECHATROLINK-II Introductory Seminar 10:15-11:45

MECHATROLINK-II Seminar for Developers 13:15-16:45

<Dates and Venues>

Area	Date	Venue
Osaka	Jan. 29, 2008(Tue)	Umeda Sky Bldg. Tower West 23F, conference roomE2

Fukuoka	March 10, 2008(Mon)	ACROSS Fukuoka conf. room 501
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For details, refer to MMA homepage.

## New MECHATROLINK Members

•ESAB-ATAS GmbH, SHENYANG Machine TOOL(Group) CO., LTD., Mechatronic Techniques, Inc., SYNTEC INCORPORATION, TECNEL S.A.S., Asprova Corp.

## Future Events

Jan., 2008 : MECHATROLINK Seminar (Osaka area) : 1/29

March, 2008: MECHATROLINK Seminar (Fukuoka area): 3/10

April, 2008: TECHNO FRONTIER 2008(Makuhari Messe): 4/16-18

### Inquiries:

For questions about joining the MECHATROLINK Members Association and other inquiries, please contact the MMA.

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