

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

SEMICON JAPAN 2006

•SEMICON JAPAN debut for MMA!

The MECHATROLINK Members Association (MMA) set up a booth in SEMICON JAPAN 2006 (Dec. 6 to 8, 2006 at Makuhari Messe in Chiba, Japan), which marked the MMA's first participation in this annual international exhibition of semiconductor equipment and materials.

The MMA presented solutions offered by MECHATROLINK for manufacturing facilities, and exhibited MMA member MECHATROLINK products. The following 14 members participated in the exhibition:

Algosystem Co., Ltd., Anywire corporation, Omron Corporation, Oriental Motor Co., Ltd., Digital Electronics Corporation, Micronet Co., Mycom, Inc., Melec Inc., Yaskawa Information Systems Corporation, Yaskawa Electric Corporation, Yokogawa Electric Corporation, RKC Instrument Inc., LS Industrial Systems Co., Ltd., and Phoenix Contact Development & Manufacturing Inc. (Japan branch).

The booth had 1,400 visitors during the three-day exhibition. Seven companies subsequently applied for MMA membership, showing that participation was a worthwhile endeavor. The MMA novelty items were also popular among visitors.

The MMA will continue promoting its activities to push MECHATROLINK toward the goal of a global standard network.

The MMA would like to express its gratitude to the following members for sponsoring participation in SEMICON JAPAN 2006:

Omron Corporation, Oriental Motor Co., Ltd., Micronet Co., Yaskawa Information Systems Corporation, Yaskawa Electric Corporation, Yokogawa Electric Corporation, and RKC Instrument Inc.



MMA Booth in SEMICON JAPAN 2006

SPS/IPC/Drives 2006

The MMA participated in SPS/IPC/Drives 2006, an exhibition of electric automation technology held from November 28 to 30, 2006 in Nuremberg, Germany.

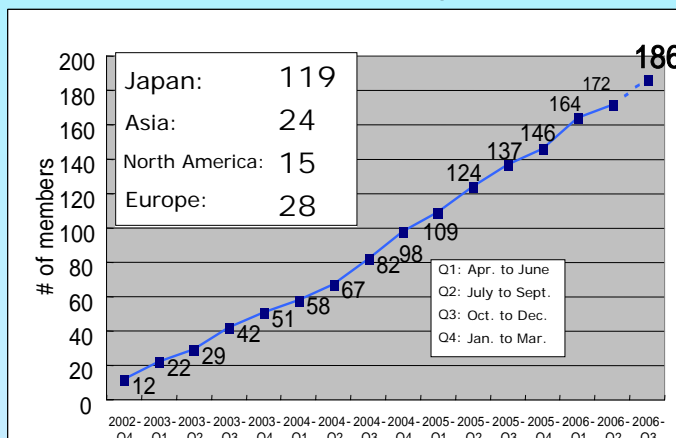
The MECHATROLINK demonstration equipment, consisting of products from MMA members (Omron Corporation, Digital Electronics Corporation, Phoenix Contact Development & Manufacturing Inc., and Yaskawa Electric Corporation), was presented and caught the eye of many of the visitors. MECHATROLINK increased its visibility and raised the interest of the public through this exhibition with more than 43,000 visitors. As a result, increased membership is expected in the MMA in Europe, which is already second only to the MMA in Japan.



MMA Booth in SPS/IPC/Drives 2006

Increase in MMA Members

172 companies (Sept. 2006) 186 companies (Dec. 2006)
14 new member companies



SEMI (E54) Standard Approval Just Around the Corner

In order to have MECHATROLINK approved as a SEMI* (E54) standard, the MMA established the SANCS-M (Sensor Actuator Network Communication Standard for MECHATROLINK) Task Force, and has made increasing strides since April 2006.

The letter ballot (#4326) submitted for authorization in October 2006 met the requirements of SEMI Standards review. At the Information & Control Committee meeting held on December 6, 2006 during SEMICON JAPAN 2006, the SANCS-M letter ballot #4326 was approved.

We are pleased to announce that MECHATROLINK will shortly be granted SEMI E54. XX designation.

*SEMI: Semiconductor Equipment and Materials International

New MECHATROLINK Product

The latest MECHATROLINK product by
[Phoenix Contact Development & Manufacturing Inc.](#)

Inline Bus Coupler with eight digital inputs and four digital outputs

Max. 52 inline modules can be connected.

Model: IL M II BK D18 D04-PAC



Features:

Additional module installation is possible. Analog input and output module, and temperature input module, etc. are supported in addition to digital input and output modules.

Contact:

Phoenix Contact Development & Manufacturing Inc.,

P.O. Box 4100

Harrisburg, PA 17111-0100

Phone: (800) 888-7388 (717) 944-1300

Fax: (717) 944-1625 E-Mail: info@phoenixcon.com

Website: www.phoenixcon.com

MOF 2006 Lecture and Exhibition

The MMA participated in MOF 2006 (Manufacturing Open Forum 2006) held at PACIFICO YOKOHAMA, Japan, from November 29 to December 1, 2006, with a lecture and exhibition.

The lecture on November 30 titled "The future delivered by MECHATROLINK, the high-speed open motion network" was a success, with more than 100 visitors in attendance.

For the exhibition, synchronized operation of motors of different capacities using mechanical pencil lead was demonstrated. MECHATROLINK and the MMA were also introduced on panels and displays.

Release of Connector Kit & Sample Kit

MECHATROLINK-II connector kits and sample kits are now available from Tyco Electronics AMP K.K. and Yaskawa Controls Co., Ltd. respectively.

Connector Kit

Specifically designed for those MMA members who wish to produce MECHATROLINK-II cables in-house.

Order code: 1827525-1

Manufacturer: Tyco Electronics AMP K.K.

(Note) Cables need to be purchased separately.

(Model: HRZFBV-SB AWG25/2C,

Manufacturer: DAIDEN Co., Ltd.)

Sample Kit

Two types of sample kits, for JL-080 and JL-052, are available.

Order code:

Sample Kit for JL-080: JEPMC-OPM2SK-1-E

Sample Kit for JL-052: JEPMC-OPM2SK-2-E

Manufacturer: YASKAWA CONTROLS CO., LTD.

Refer to the MECHATROLINK Products of MMA Members Brochure for further information on the products.

*Contact the respective manufacturers for prices, delivery, and other details.

New MMA Members

Komatsu Engineering Corp., Microteam OY,
Yaskawa Eshed Technology Ltd., ACS Motion Control,
Nihon Electric Wire & Cable Co., Ltd.,
Control Technology Corporation, Hanmi Semiconductor Co., Ltd.,
CK Engineer Co., Ltd.

Upcoming Schedule

| | |
|----------|---|
| February | Seminar in Fukuoka (Feb. 9) |
| April | CIMT2007 Beijing (Apr. 9 to 15) Hannover Fair 2007 (Apr. 16 to 20) |

Contact

If you wish to join the MECHATROLINK Members Association or have any inquiries, please contact us below.

Publication: January 12, 2007

Publishing Office: MECHATROLINK Members Association

480 Kamifujisawa, Iruma-shi, Saitama 358-8555, Japan

TEL: +81-4-2962-7920 FAX: +81-4-2962-5913

e-mail: mma@mechatrolink.org

URL: <http://www.mechatrolink.org/>

Editor in chief: Takeshi Tanaka, Secretary of

MECHATROLINK Members Association