

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

Activities & Projects for 2006 - 2007

Nearly four years have passed since the MECHATROLINK Member's Club, the predecessor to the MECHATROLINK Members' Association (MMA), was established.

The number of members has increased to 200 companies, and the number of MECHATROLINK compliant products, including products for proprietary use, exceeds 130.

The most memorable event in 2006 was having an MMA booth at SEMICON JAPAN. This event greatly increased awareness of MECHATROLINK and its related products.

In 2006, MMA was involved in the following activities.

- 1) MECHATROLINK seminars
April 4 in Tokyo, Sept. 29 in Osaka, and Feb. 9, 2007 in Fukuoka
- 2) MMA annual general meeting on May 17
- 3) Catalog of MECHATROLINK products published on June 16
- 4) Overseas branch offices opened on June 28, and China branch office on Sept. 1
- 5) SPS/IPC/Drives 2006 from Nov. 28 to 30
- 6) Display of products and lecture at MOF2006 from Nov. 29 to Dec. 1
- 7) SEMICON JAPAN 2006 from Dec. 6 to 8
- 8) Certification SEMI E54.19 obtained on Jan. 18, 2007

The following activities have been planned for 2007 to further promote the use of MECHATROLINK,

- 1) Participation in exhibitions such as CIMT 2007 and Hannover Messe
- 2) Release of MECHATROLINK-III and product-development support
- 3) Greater reliability through actions of Safety committee
- 4) Seminars organized by each branch to support the local users

The MMA, in cooperation with its members, will continue its efforts to make MECHATROLINK a defacto standard for global motion networks.

International Exhibitions and Trade Fairs

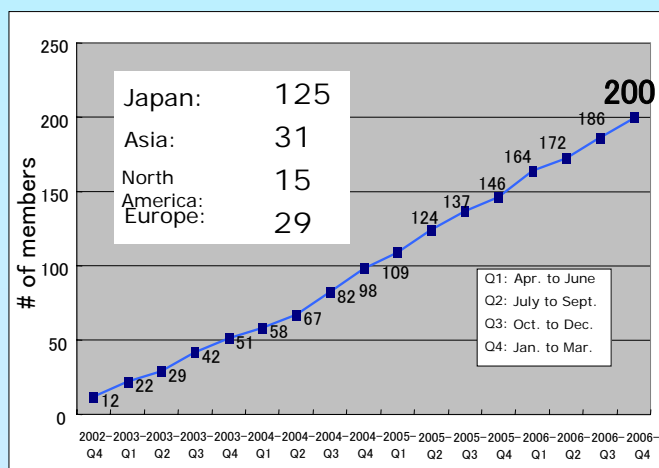
The MMA is scheduled to participate in the following two international exhibitions in April 2007.

- 1) The 10th China International Machine Tool Show (CIMT 2007)
April 9 to 15, 2007
Peking International Exhibition Center, China
MMA booth number: 1E-155
MECHATROLINK seminar
1:30 - 4:00 p.m., Wednesday April 11, 2007
Participation fee: Free
Place: General Service Building, Room 221
- 2) Hannover Messe 2007
April 16 to 20, 2007
Deutsche Messe AG, Hannover, Germany
MMA booth number: Stand B20, Hall 8
MECHATROLINK seminar
3:00 - 5:00 p.m., Thursday April 19, 2007
Participation fee: Free
Place: Convention Center Saal room 104

This is the first time for MMA to participate in these exhibitions. We hope to see many of you at the MECHATROLINK booth. And, we ask you to pass on this information to your customers and staff so that they will not miss these chances to become more familiar with MECHATROLINK. For more details, see the Event Corner on the MMA website.

Increase in MMA Members

186 companies (Dec. 2006) ⇒ 200 companies (March 2007)
14 new member companies



Activities Photos

SEMI Standard E54 Obtained

In April 2006, the MMA established a task force to facilitate the acquisition of the standard, SEMI E54. This task force was organized by the SEMI I&C (Information and control) committee formed by a total of eight manufactures of electrical devices and semi-conductor manufacturing systems. As a result, SEMI E54.19 was obtained on January 18, 2007.

A CD-ROM containing information about this standard will be available in English in March 2007 and in Japanese in the following summer.

The acquisition of SEMI E54.19 is expected to function as a stimulus to the use of MECHATROLINK in semiconductor-related fields.

We would like to thank all members who worked on the task force to achieve these results.

New MECHATROLINK Product

We are pleased to introduce new MECHATROLINK-compliant products developed by MMA members.

RKC Instrument Inc.

Compact design saves space to save you money!

Control temperatures of up to 64 points!

Model: COM-MY



Features:

A MECHATROLINK-supported communication converter module combined with a temperature control module allows you to easily construct a multi-point temperature control system.

Contact:

RKC Instrument Inc.

16-6 Kugahara 5chome, Ota-ku, Tokyo, 146-8515 Japan

Tel: +81-03-3751-8111, Fax: +81-03-3754-3316

URL: <http://www.rkcinst.co.jp/>

Yaskawa Electric Corporation

Compact design & Easy programming!

Easily Control 16 axes!

Model: MP2400



Features:

- Easy to set up with Self-configuration function
- Ethernet (100 Mbps) interface (standard)
- Free engineering tool can be downloaded (MPE720 Ver.6 Lite)

Contact:

Yaskawa Electric Corporation

The address differs depending on the defined customer-service area. For more information, go to the MMA website (<http://www.mechatrolink.org/>) and open MECHATROLINK Members Product Catalogue page 14.

2007 Release of MECHATROLINK-III

The ASIC for MECHATROLINK-III is scheduled to be released this year. A sample will be available in summer, and mass-production will start in autumn. MECHATROLINK-III has been already introduced in some journals. The following table outlines the specifications.

MECHATROLINK-III

Item	Specifications
Transmission Speed	100 Mbps
Transmission Cycle	31.25 μ s to 64 ms
Transmission Bytes	8/16/32/48/64 (bytes/station)
Max. Transmission Distance	100 m between stations
Max. Stations	Total: 64 (One C1 master, one C2 master, and 62 slaves)
Remote Station Monitoring	Provided
Mixing with M-II	Possible (With gateway M-III->M-II)
Message Communications	Possible

2007 Annual General Meeting

Date: 1:30 to 6:40 p.m., Monday May 28, 2007

Place: Kudan Kaikan (Kudanshita, Chiyoda-ku, Tokyo, Japan)

The annual general meeting will be followed by several lectures (for special guests and users) as well as a banquet.

Participants: MMA members only

A notice will be sent to MMA members.

We hope to see many of you there. (Gifts will be presented to all participants.)

New MMA Members

CITCEA – UPC, Kuramo Electric Co., Ltd., LiNKTEC. Inc., Shengyang Jianzhu University, Shengyang Institute of Computing Technology, Chinese Academy of Sciences, Shengyang TOP Measurement & Control Technology Co., Ltd., Shengyang TieAn New Technology Development Co. Ltd., and Sony Manufacturing Systems Corporation (In alphabetic order)

Scheduled Events

April CIMT 2007 in Peking (9th to 15th)

Hannover Messe (16th to 20th)

May MMA annual general meeting (28th)

June MECHATROLINK seminar

(Details will be posted on the MECHATROLINK website.)

Contact

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

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