

MECHATROLINK News provide members of MMA with the latest information on MECHATROLINK

Exhibition to SEMICON Japan 2008

The MECHATROLINK Members Association (MMA) will participate in SEMICON Japan 2008, from December 3 to 5 (Wed. – Fri.), 2008 at Makuhari Messe. The main exhibition in the MMA booth will feature MECHATROLINK-III, with its improved functionality and performance, and will include demonstrations. We modified the exhibition and demonstration of MECHATROLINK-II interconnectivity that was received so well at last year's exhibition, so that more products can be shown to visitors.

MECHATROLINK-compatible products from MMA member companies will also be exhibited on the table, allowing visitors to listen to detailed explanations while looking at the actual product. We are looking forward to seeing many of you there.

Date: Dec. 3 – 5 (Wed. – Fri.), 2008
Hours: 10:00 to 17:00
Place: Makuhari Messe
MMA booth No.: 6C-612



Companies who sign up to become members of the MMA during SEMICON Japan 2008 will have a chance to win a PlayStation 3. Join us and win a PlayStation 3 !!

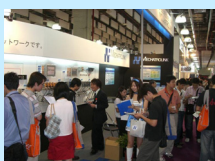


SEMICON Taiwan 2008 Participation Report

The MECHATROLINK Members Association (MMA) participated in SEMICON Taiwan 2008 for the first time, from September 9-11 (Tue. – Thurs.), 2008 at Taipei Trade Center in Taiwan. We exhibited the MECHATROLINK-II products interconnectivity demonstrations, a gantry mechanism that uses a linear motor and a direct drive motor, and a MECHATROLINK-III sample product.

MECHATROLINK products are expected to be widely used in coming years for manufacturing devices in the semiconductor and LCD industries in Taiwan.

The following MMA member companies participated in the exhibition. Digital Electronics Corp., IAI Corp., InnoServ, Inc., MYCOM, INC., OMRON Corp., ORIENTAL MOTOR Co, Ltd., RKC INSTRUMENT INC., YASKAWA ELECTRIC CORPORATION, and YOKOGAWA ELECTRIC CORPORATION.



MMA booth



Gantry with linear motor stage demonstration

Motion Control Show 2008 in Korea Report

The MECHATROLINK Members Association (MMA) participated in the Motion Control Show 2008 held in Seoul, Korea, from October 8 to 10 (Wed. – Fri.), 2008.

Our exhibition featured MECHATROLINK-III, demonstrations, and MECHATROLINK-II-compatible products from member companies. Customers are concerned about reliability in high speed communications and about system usability because of intervention functions, as well as about stability. We introduced and demonstrated MECHATROLINK-III, focusing on the advantages of MECHATROLINK systems in response to these concerns.

Roughly 10,000 people visited the exhibition over three days, and many of those visitors learned about the MECHATROLINK open network feature.

Fifteen new companies joined the MMA during the exhibition.

Visitors showed a lot of interest in MECHATROLINK-III, and we are looking forward to future developments of MECHATROLINK-III in Taiwan.

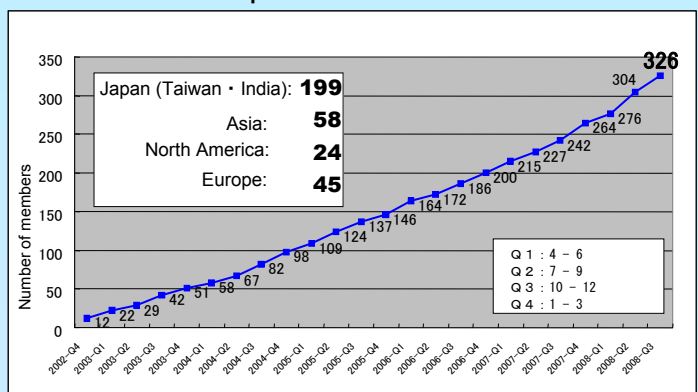
The following MMA member companies participated in the exhibition. CONVEX CO., Ltd., Hanmi Semiconductor, Co., Ltd., LS Industrial Systems Co., Ltd., MYCOM KOREA, INC, OMRON Corp., ORIENTAL MOTOR Co., LTD., RKC INSTRUMENT, INC., Soft Servo Systems, Inc., YASKAWA ELECTRIC KOREA CORPORATION, and YOKOGAWA ELECTRIC CORPORATION.



MMA booth

Increase in MMA Members

287 companies (Aug. 2008) ⇒ 326 companies (Nov. 2008)
39 new member companies



Branch Office Report No.2[U.S. Branch Office]

~~MMA-US activities and American markets~~

Recently, the MMA-US branch has been promoting the MECHATROLINK-II device driver for LabVIEW, made by National Instrument Corp., as well as the MECHATROLINK-II bus coupler and slice I/O, made by Phoenix Contact.

MMA-US assists technology seminars organized by National Instruments. Seminars are held at 23 different locations across the U.S. We perform plug and play demonstrations by connecting a Windows XP or Vista system that has LabVIEW installed with a Yaskawa Σ -V servo amplifier. Meanwhile, many people use the MECHATROLINK-II bus coupler and slice I/O made by Phoenix Contact. They are sold in greater numbers than any other network device, including Modbus RTU devices.

Promotions of MECHATROLINK are expected to expand. In particular, the performance of Yaskawa Electric America's new controller MP2300Sic combined with the Phoenix Contact bus coupler is raising high expectations.

MECHATROLINK-II products are in increasingly common use in the U.S., and many device manufacturers and end users now use MECHATROLINK-II products for their devices. We are looking forward to the future development of MECHATROLINK products in the U.S.



Andy Urda:

In charge of MMA-US activities and market strategy.



Derek Lee:

Provides technical support for MMA-US activities.

New MECHATROLINK Products

MMA compliant products by MMA member companies.

IAI Corporation

Robo cylinder controller **ACON/PCON series**

Model:ACON-C/CG-□-ML-0-0(□:motor kW)

PCON-C/CG-□-ML-0-0(□:motor size)



ACON Series



PCON Series

Features:

- Various types of electric actuators, including slider types, rod types, rotary types, and gripper types, can be easily operated with the I/O on the host PLC.
- Position data can be easily created by entering values with software or teaching pendants, as well as by using the direct teaching method.
- Position can be specified with values, and the current position, speed, and current reference values can be monitored.

Inquires:

Sales Planning Section, IAI Corporation
E-mail : info@iai-robot.co.jp

KEYENCE CORPORATION

Positioning Motion Unit

Model:KV-ML16V

Features:

- Enables systems that make the best use of the super high speed PLC "KV-5000/3000", as well as autonomous control. Reduces program size by using motion flow and exclusive use commands and, as a result, reduces CPU scanning time.



KV-ML16V

- Significant cost reductions can be realized because this device provides the motion controls at the same price as the existing positioning unit. It can also control up to 16 axis, reducing costs for multiple axis control.

- Parameters are used to realize all controls, including positioning and synchronization. Introduction is easy because no special language is required. All necessary software, including those needed for initial settings, are included in KV MOTION+ which is packaged with the the ladder support software KV STUDIO.

Inquiries:

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Tel:06-6379-1271 Fax:06-6379-1270

New MMA Members

A-KYUNG MOTION INC., AJINEXTEK, AVAL DATA CORP., BEST F.A, CONET Co., Ltd., CS Electronics Co., LTD., DOWN TECHNOLOGY CORP., Gallant Precision Machining Co., Ltd., GYU BO SYSTEM, HAGIWARA ELECTRIC Co., Ltd., HONDA TSUSHIN KOGYO CO., LTD., LS Industrial Systems Co.,Ltd., MICRO TREND AUTOMATION CO., LTD., Nihon Denkei Co., Ltd., NITTOKU ENGINEERING CO., LTD., SAMSUNG TECHWIN CO., LTD., SECUROBOT, SHANGHAI SUN-WA TECHNOS CO., Shinwha Elecom Co., Ltd., TRANS-ENERGY ENTERPRISE CO., LTD., Utron Technologies Corp., and YOUHO ELECTRIC IND. CO., LTD.

(* Only those companies that gave us permission for disclosure are listed here.)

Future Event

Dec.3-5, 2008: SEMICON Japan 2008(Makuhari)

Feb. 2, 2009: MECHATROLINK Fair (Kumamoto)

Feb. 4, 2009: MECHATROLINK Fair (Hiroshima)

Feb. 6, 2009: MECHATROLINK Fair (Kyoto)

Feb. : MECHATROLINK Seminar (Fukuoka): date to be determined

Inquiries:

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

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