

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

The 2007 MECHATROLINK General Meeting

The MECHATROLINK Members Association second general meeting was held at Kudan Kaikan in Tokyo on May 28, 2007. It was followed by lectures and a reception.

In the meeting, the MMA Secretariat reported on the activities of the association and the annual financial statements for fiscal year 2006. The plan for fiscal year 2007 was also described and accepted by the attendants.

During the lectures, a speech was given by Mr. Takashi Kito of Sony Manufacturing Systems Corporation, a MECHATROLINK member company. Mr. Yoshitaka Ito of YARUDEA Laboratory also spoke on a special topic.

Mr. Kito said that Sony was able to improve their devices thanks to MECHATROLINK and expressed his gratitude for the strong support provided by MMA members. A request for MECHATROLINK-III was made during the speech, which we will work toward fulfilling.

Mr. Ito, the manager of YARUDEA Laboratory, gave a speech titled "Change yourself, your staff, and your workplace." In the speech, he made the point that a positive word is received by people better than negative one, and will be more persuasive. One example he gave is that it is better to use the phrase "graduating from smoking" rather than "smoking abstinence". He himself quit smoking thanks to this phrase.

The product exhibition and explanations by member companies were so successful that the reception started behind schedule. Additional exhibition tables were needed because MMA members wanted to exhibit more products than expected.

More member companies than expected for, exceeding the previous year, joined the reception. We appreciate that all participants offered a speech in spite of the limited time given to each speaker.

The MECHATROLINK Members Association will keep working to improve the plenary meeting, not just as an occasion to report practical matters, but also as a forum for communication among members.



The general meeting and lecture

Overseas Exhibition Participation Report

The MECHATROLINK Association manned an exhibit at the following two trade shows in April 2007.

1) 10th China International Machine Tool Show (CIMT2007)

The show was held at the China International Exhibition Center in Beijing from April 9 to April 15, 2007. More than 230,000 people visited, and the MECHATROLINK booth was crowded with visitors. The MMA seminar also had many participants. The exhibition gave us the impression that CNC is increasingly being used for machine tools in China.

2) Hannover Fair 2007

The fair was held in Hannover, Germany from April 16 to April 20, 2007. It attracted 230,000 visitors, and 6,400 companies from 68 countries were on exhibit. The MECHATROLINK seminar was marked by lively discussions. We are looking forward to the increasing development of MECHATROLINK in Europe.

Please visit the MECHATROLINK Members Association homepage and see "Events" for details of these exhibitions.



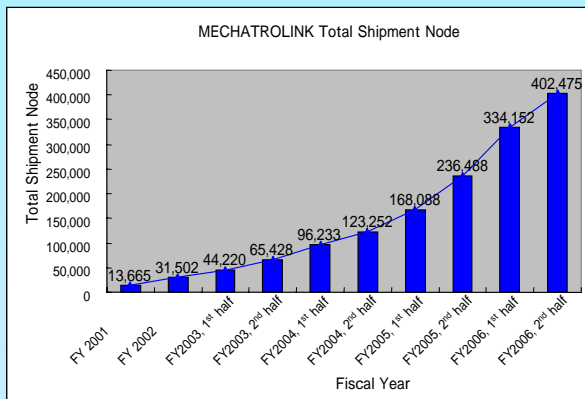
CIMT2007



Hannover Fair 2007

MECHATROLINK Total Shipment Node

In fiscal 2006, ASIC total shipment node exceeded 400,000 !



New Certification Test

The new testing system for certification will be introduced in October 2007. New product categories for masters will be added in the new test. Slaves supported by each master are determined and a category of each master is set up in accordance with the slaves each master supports. Each master will have to take a specified tests for the category into which it falls.

The purpose of introducing the new test system is to promote disclosure of information on interconnectability between masters produced by one company and slaves made by other companies, to assist users in advance of their device purchases.

Please visit the MECHATROLINK Members Association (MMA) homepage and see "NEWS 2007" for details.

MECHATROLINK New Products

MECHATROLINK compliant products by MMA member companies.

Harmonic Drive Systems Inc. : AC Servo Drive

24 VDC power supply, compact design

Easy to set up with a personal computer

Model : HA - 680ML



Features:

- MECHATROLINK-II compliant HA-680 series drive for small-size actuator
- Rated Current 4A/6A
- Super lightweight 260g
- Easy setup of parameters with exclusive communications software"PSF-520"

Inquiries:

Harmonic Drive Systems Inc.
Believe Ohmori Floor 7, Minami-ohi 6-25-3,
Shinagawa-ku, Tokyo, Japan 140-0013
Tel: +81-(0)3-5471-7800
e-mail : marketing@hds.co.jp
URL: <http://www.hds.co.jp>

Yaskawa Electric Corporation : AC Servo Drive - V Series

Field-proven performance. Debut of a new model of a servo series that does what you need. Build the machine you've dreamed of, today!

Model:SGDV - (drive)/SGM - (motor)



Features:

- Superlative performance:
Settling time 0 to 4ms
Speed frequency response 1.6kHz
- Simple start-up
Easy setup, and easy tuning for each use.
- Outstanding expandability
Standard support for analog voltage/pulse train reference series or MECHATROLINK- communications reference series

Inquiries:

Yaskawa Electric Corporation
Contact phone numbers differ depending on the area. Please visit the MECHATROLINK Association homepage (<http://www.mechatrolink.org/>) and see page 18 of the MECHATROLINK Products of MMA Members Brochure for contact phone numbers.

Tip for Motion Positioning!

There are two positioning methods, namely point-to-point positioning and interpolation positioning. Here is how they differ:

For example, two axes might be instructed individually by a host controller to move for a specific distance at a specific speed, and each axis moves without any reference to the other's movement to the end point. This is called point-to-point positioning.

In interpolation positioning, two axes are instructed by a host controller to move a specific distance at a specific speed per a specific time unit. If their movements are shown on the X-Y table, their locus would make a line or curve as instructed before reaching the end point. MECHATROLINK supports and switches easily between both functions.

MECHATROLINK Seminar

The 2007 MECHATROLINK seminar is scheduled as follows. We hope to see many participants.

[Program]

MECHATROLINK-	Introductory seminar	10:15 to 11:45
MECHATROLINK-	Seminar for developers	13:15 to 16:45

[Date/Venue]

Area	Date	Venue
Tokyo	July 20, 2007(Fri)	Tokyo International Forum G Block 5F G504
Nagoya	Aug. 24, 2007(Fri)	Meieki SNK conference room

Please visit the MECHATROLINK Members Association homepage for details.

New MECHATROLINK Members

- ESROBOTEK A.S.
- SUEMATSU KYUKI co.,Ltd.
- IAI Corporation
- Plan 9, Inc.
- DENSAN CO.,LTD.
- CHUO ELECTRONICS CO., LTD

Scheduled Events

July	MECHATROLINK seminar (Tokyo area) :	7/20
Aug	MECHATROLINK seminar (Nagoya area):	8/24
Oct	Motion Control Show 2007 (Korea) :	10/10 to 10/12
Nov	SCF 2007(TOKYO BIG SIGHT) :	11/13 to 11/16
Dec	SEMICON Japan 2007 (Makuhari Messe) :	12/5 to 12/7

Inquiries

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

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