

EtherCAT Technology Group
Members

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**2013 North American EtherCAT Plug Fest
September 18-19**

Dear ETG Members,

We invite and encourage all manufacturers of EtherCAT Devices, Codes and Tools to participate in the 2013 North American EtherCAT Plug Fest taking place September 18-19 in Camarillo (CA), at facilities provided by ETG member company **ADVANCED** Motion Controls[®].



The goal of this developer's event is to perform interoperability tests. Master and slave device suppliers gather to test and improve interoperability, to share implementation tips and tricks and clarify questions regarding the technology—experts of the technology will support with their know-how.

The Plug Fests have established themselves as pragmatic and effective means to achieve interoperable EtherCAT products. The general boot-up, process data and mailbox communication will be tested as well as device behaviour with enhanced functionality, like support of Modular Device Profile and CiA402 servo drive profile.

Only manufacturers with at least functional prototypes are invited, observers are not allowed. One or two attendees per device are expected. Attendees are not entitled to publish or communicate test results of other participating companies.

Participants of the last North American Plug Fest are encouraged to attend again, since new and extended EtherCAT features will be covered. Furthermore, we expect new devices (both master and slaves) to be present, so that the interoperability tests will be enhanced, too.

Please find organizational information and the hotel recommendations on the next pages. The registration form can be found on the last page; one form per device has to be returned.

Participation is free of charge, thus accommodation is not included. Lunch, beverages and snacks are provided by **ADVANCED** Motion Controls.

Please register as soon as possible, since the number of attendees is limited due to space constraints.
Registration deadline: Friday, September 6, 2013.

If you have any questions please do not hesitate to contact us.

Best regards,
Guido Beckmann

Chairman Technical Committee
EtherCAT Technology Group

Joseph E. Stubbs

Office North America
EtherCAT Technology Group



2013 North American EtherCAT Plug Fest, Sep 18-19

Agenda (preliminary)

Wednesday, September 18, 2013

- 9:30 am - 10:00 am Welcome, Organizational concerns
Setup of equipment
- 10:00 am - 1:00 pm **Session 1**
Round robin testing with devices
Individual testing with slaves
- 1:00 pm - 2:00 pm Lunch Break
- 2:00 pm - 3:45 pm **Session 2**
Round robin testing with devices
Individual testing with slaves
- 3:45 pm - 4:00 pm Coffee Break
- 4:00 pm - 5:00 pm **Session 3**
Ask the experts
EtherCAT Integration, Configuration, Master Topics
- 5:00 pm - 5:30 pm Summary of first day



ETG Plug Fest Impression



ETG Plug Fest Impression

Thursday, September 19, 2013

- 9:00 am - 1:00 pm **Session 4**
Round robin testing with devices
Individual testing with slaves
- 1:00 pm - 2:00 pm Lunch Break
- 2:00 pm - 3:30 pm **Session 5**
Interoperability testing
- 3:30 pm - 4:00 pm Plug Fest Wrap Up
Directions for further testing



ETG Plug Fest Impression

»» Important Notice

For Slave Manufacturer:

- ✓ Subscription of the EtherCAT Conformance Test Tool is a pre-requisite for Plug Fest attendance.
- ✓ We would like to ask you to provide two devices of the same type to use one of them for a parallel interoperability test with master and tool vendors.

For Master & Tool Vendors:

- ✓ ETG has made the experience, that more slave manufacturers than master vendors participate in the Plug Fest. We would like to motivate you to provide two systems of the same type to offer the chance of parallel testing with slave devices.
- ✓ To get use of this additional device testing we kindly ask you to attend with two participants.

»» Checklist

ETG will provide a detailed checklist after confirmation of the registration in advance to the Plug Fest.



2013 North American EtherCAT Plug Fest, Sep 18-19

Location Address

ADVANCED Motion Controls®
3805 Calle Tecate
Camarillo, CA 93012
PH: 805.389.1935
FX: 805.389.1165



Website

<http://www.a-m-c.com>

Directions & Map

<http://www.a-m-c.com/about/locations.html>

Security Procedure

Visitors attending the EtherCAT Plug Fest must enter through the main lobby at ADVANCED Motion Controls, sign in at the front desk and provide proof of identification and citizenship:

- ✓ US Citizens are encouraged to bring their passports as proof of citizenship.
- ✓ Foreign Nationals must bring their passports.

Access to our facility will be limited to designated areas unless accompanied by a company escort.

Airport Recommendations

LAX (Los Angeles International Airport) – You'll find the most direct flights and options.

BUR (Burbank Bob Hope Airport) – About the same distance as LAX but less traffic.

SBA (Santa Barbara Airport) – An alternative to LAX and BUR, much nicer drive if you can find a flight.

Hotel Recommendations

Please make your arrangements early when making your reservations. ETG or ADVANCED Motion Controls® will not make any reservation.

Hotel	Details	
Courtyard Camarillo	4994 Verdugo Way, Camarillo, California 93012 USA Reservation: 1-805-388-1020 Est. Distance: 2.3 miles http://www.marriott.com/hotels/travel/oxrch-courtyard-camarillo/	
Residence Inn Camarillo	2912 Petit St, Camarillo, California 93012 USA Reservation: 1-805-388-7997 Est. Distance: 1.4 miles http://www.marriott.com/hotels/travel/oxrcr-residence-inn-camarillo/	
Hampton Inn & Suites Camarillo	50 W. Daily Drive, Camarillo, California 93010 USA Reservation: 1-805-389-9898 Est. Distance: 3.4 miles http://hamptoninn3.hilton.com/en/hotels/california/hampton-inn-and-suites-camarillo-oxnhshx/index.html	



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Registration Form¹

Please fill in by computer, print as PDF (generate one file for each product) and return by email to info@ethercat.org. Each registration will be confirmed by ETG.

In case of problems with email (e.g. spam filter issues), please fill in, print and fax to 0049 911 54056-29.

Please register as soon as possible, since the number of attendees is limited due to space constraints.

Registration deadline: Friday, September 6, 2013.

Company Details

Legal Company Name ²	
Address ²	
State, ZIP, City ²	
Company URL ²	

Participant Details

Participant #1

Participant #2 (Optional)

Name ²		
Legal Company Name ³		
Direct Phone ²		
E-Mail ²		

Product Details

Product Name ²	
Product Description ²	
EtherCAT Vendor ID ²	0x_ _ _ _ _
Product Type ²	☐ Master ☐ Slave ☐ Tool ☐ Other:
Supported Protocols	☐ Coe ☐ SoE ☐ EoE ☐ FoE ☐ VoE
Power Supply ²	☐ 24 Volts ☐ Other: ☐ 120 Volts ☐ 400 Volts (3 phase current)
Conformance Test Tool Subscription	☐ Available ☐ Not available <i>This is a pre-requisite for Slave Device Vendors. Contact us in case of questions.</i>

Remarks

Please provide your comments	
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¹ By submitting this form you agree to keep EtherCAT Plug Fest results of other participants confidential

² Required information; Valid EtherCAT Vendor ID is a pre-requisite for Plug Fest attendance

³ If different from company above