EtherCAT®
Technology Group

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EtherCAT Technology Group
Members

9th European EtherCAT Plug Fest, March 18-19, 2010   February 5th, 2010

Dear ETG Members,

We invite and encourage all manufacturers of EtherCAT Devices, Code and Tools to participate in the
9th European EtherCAT Plug Fest taking place March 18-19 in Herzogenaurach, Germany, at facilities provided by ETG
member company VIPA.

The goal of this developers 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. The current EtherCAT
Conformance Test Tool is available and EtherCAT Analyzer Tools are used to check device behaviour and
interoperability.

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 plug fests 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
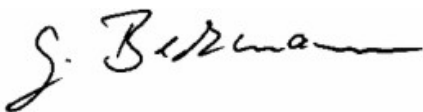tests will be enhanced, too.

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

Participation is free of charge, thus lunch and accommodation is not included.

Please register as soon as possible, since the number of attendees is limited due to space constraints.
Registration deadline: Monday, March 8, 2010.

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

Best regards,

Guido Beckmann
Chairman Technical Committee
EtherCAT Technology Group

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Agenda (preliminary)

Thursday, March 18, 2010

10:00 - 10:30	Welcome, Organisational concerns Forming demo groups Establishment of slave equipment in demo groups
10:30 - 12:15	**Session 1** Testing within demo groups Individual testing with slaves, if necessary
12:15 - 01:15	Lunch Break
01:15 - 03:00	**Session 2** Testing within demo groups Individual testing with slaves, if necessary
03:00 - 03:15	Coffee Break
03:15 - 06:00	**Session 3** Testing within demo groups Individual testing with slaves, if necessary
06:00 - 06:30	Summary of first day

Friday, March 19, 2010

08:30 - 12:15	**Session 4** Continuation interoperability testing Application programming and set-up Tool Access Integration
12:15 - 01:15	Lunch Break
01:15 - 03:15	**Session 5** Continuation interoperability testing Application programming and setup Tool Access Integration
03:15 - 04:00	Plug Fest Wrap Up Directions for further testing Next Steps on device testing

ETG Plug Fest Impression

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Checklist

Please do not forget to bring:

- ✓ Notebook with installed Network Monitor (e.g. Ethereal, Microsoft Network Monitor)
- ✓ Power supply and adapter (if necessary for your device)
- ✓ Ethernet cables + wiring infrastructure
- ✓ Product documentation
- ✓ Programming adapter, etc.

All equipment should be marked with your (company) name!

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Location address:
VIPA
Gesellschaft für Visualisierung und Prozessautomatisierung mbH
Ohmstr. 4
91074 Herzogenaurach, Germany
Phone: +49 9132 744-0
http://www.vipa.de

How to find VIPA:
From direction Munich and Nuremberg South (A3):
When you are on the motorway A3 from direction Munich and Nuremberg South please drive in the direction of Würzburg. You have to exit at Frauenaurach.After the exit you have to turn in the direction of Herzogenaurach. Now you are on the "Nordumgehung" on which you have to drive straight on approx. 3 km in the direction of Herzogenaurach. You will cross five traffic lights until you reach "Industriegebiet Nord". Before you will reach the sixth cross-way you will see a little airport on the right hand side and on the left hand side there is the "Industriegebiet Nord". On this cross-way you have to turn left in the Bamberger Strasse / Industriegebiet Nord.Now you will see on the left side a petrol station. After this petrol station you have to turn left in the Einsteinstrasse / Gewerbegebiet Nord. Now you are in the Einsteinstrasse and you will see a glass building on the right - that´s VIPA.

From direction Frankfurt and Würzburg (A3):
When you are on the motorway A3 from direction Frankfurt and Würzburg, please drive in the direction of Nürnberg or Munich. You have to exit at Frauenaurach.
After the exit you have to turn right in the direction of Herzogenaurach. Now you are on the "Nordumgehung" on which you have to drive straight on approx. 3 km to direction Herzogenaurach. You will cross five traffic lights until you reach "Industriegebiet Nord". Before you will reach the sixth cross-way you will see a little airport on the right hand side and on the left hand side there is the "Industriegebiet Nord". On this cross-way you have to turn left in the Bamberger Strasse / Industriegebiet Nord.
Now you will see on the left side a petrol station. After this petrol station you have to turn left in the Einsteinstrasse / Gewerbegebiet Nord. Now you are in the Einsteinstrasse and you will see a glass building on the right - that´s VIPA.

Parking area:
Six parking places for visitors are available at Ohmstrasse. Please take the first gateway into the basement garage. The parking places are marked on the right-hand side.

Destinations:
Nuremberg Airport: approx. 15 km
Nuremberg railway station: approx. 25 km
Erlangen railway station: approx. 15 km

Hotel Recommendations*:

Akazienhaus	Beethovenstraße 16-18	91074 Herzogenaurach	+49 (0) 91 32 / 7 84 50
Atrium Garni	Burgstaller Weg 19	91074 Herzogenaurach	+49 (0) 91 32 / 7 20 90 50
Auracher Hof	Welkenbacher Kirchweg 2	91074 Herzogenaurach	+49 (0) 91 32 / 74 75 - 0
Bayerischer Hof	Erlanger Str. 5	91074 Herzogenaurach	+49 (0) 91 32 / 45 64
HerzogsPark	Beethovenstrasse 6	91074 Herzogenaurach	+49 (0) 91 32 / 7 78 - 0
Hotel Stadtblick	Goethestraße 5	91074 Herzogenaurach	+49 (0) 91 32 / 78 35 - 0
Pension Franken	Blobenstr. 2	91074 Herzogenaurach	+49 (0) 91 32 / 73 03 - 00
Ramada Hotel	Olympiaring 90	91074 Herzogenaurach	+49 (0) 91 32 74 72 - 0

Please make your hotel reservation directly at your preferred location. ETG or VIPA will not make any reservation!

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Registration Form[1]: Please fill in by computer, print as PDF (generate one file for each product) and return by email to: EtherCAT Technology Group, info@ethercat.org. Each registration will be confirmed.
In case of problems with email (e.g. spam filter issues), please fill in, print and fax to +49 911 54056-29
Please register as soon as possible, since the number of attendees is limited due to space constraints.
Registration deadline: Monday, March 8, 2010.

Company Details

Company[2]	
Street, Number	P.O. Box[2]	
Country Code	ZIP	City[2]	
Company Phone	
Company URL[2]	

Participant Details   Participant #1   Participant #2 (Optional)

	Participant #1	Participant #2 (Optional)
Name[2]		
Position		
Direct Phone[2]		
Fax		
E-Mail[2]		

Product Details

Product Name[2]	
Product Description[2]	
EtherCAT Vendor ID	0x_ _ _ _ _ _ _ _
Product Type[2]	☐ Master ☐ Slave ☐ Tool ☐ Other
Supported Protocols[2]	☐ CoE ☐ SoE ☐ EoE ☐ FoE
Power Supply	☐ 230 Volts ☐ 400 Volts (3 phase current) ☐ _ _
Conformance Test Tool used	☐ Yes ☐ No
File Name of EtherCAT Slave Information (ESI)	.xml Please send file to info@ethercat.org by March 15th, 2010

Remarks

Please provide your comments	

[1] By submitting this form you agree to keep EtherCAT Plug Fest results of other participants confidential
[2] Required information