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Products. Technology. Services. Delivered Globally.

Industrial Ethernet

Hirschmann and Anixter would like to invite you to attend the Fall 2008

Industrial Ethernet Networking Seminar.

Bolger Center, Potomac, MD • September 22–25, 2008

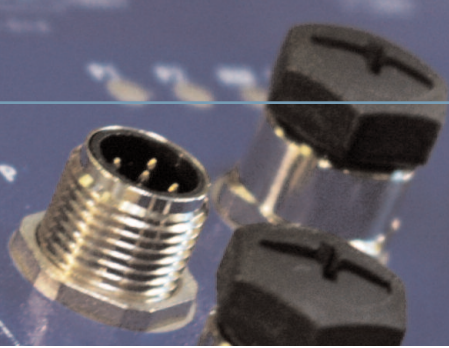### Industrial and Mission-Critical Ethernet Seminar

Register using the form on the last page. The seminar package includes:

- A series of 10 Ethernet training classes with the focus of your choice
- Hands-on classes with individual laptops and multiple instructors
- Documentation of all technical presentations
- Welcome reception Monday night and all meals during stay
- Access to group-rate discounted rooms
- Legendary chili cook-off with multiple prizes being awarded
- Evening adventure into historic Georgetown, Washington DC
- Daily door prizes including three Garmin Nüvi GPSs

Click here for more information about this seminar. To learn more about Anixter, contact a local representative at **1.800.ANIXTER.** You can also request more information about our industrial automation offering at **www.anixter.com/industrialautomation**.

- Attendees are given a certificate of completion. Course total is worth 1.5 CEUs.

- Spouse package is available for those wishing to bring their significant other. Please call for details.

- Optional golfing is available at 2 p.m. on the 22nd for those arriving early. Please call or e-mail to reserve your spot.

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Industrial Ethernet

Presentation and Hands-on Course Schedule

Whether you are new to Ethernet or have already gained some experience, the tracks below will provide you with the material needed to make you more knowledgeable and competitive.

The course material is split into two tracks, which provide guidance for those that want an overall understanding of Ethernet or a deeper understanding of the more involved aspects of networking. Each day is a mix of whiteboard, graphical presentations as well as related hands-on use and demonstrations, allowing attendees to obtain both theoretical and practical instructions.

Basic Track

Covering the basics, the Basic Track provides material so that attendees can make more educated decisions pertaining to their networks and more effectively interact with a networking integrator, consultant or even end-user. Topics covered include Ethernet basics, traffic types, network and switch management, cabling/media, hardware devices, topology basics and wireless technologies.
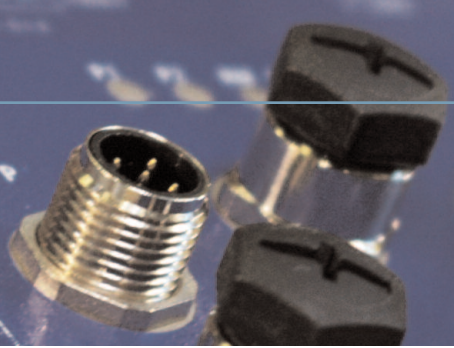
Advanced Track

The Advanced Track leaves attendees with the confidence to do basic network design, be able to secure, manage and maintain a network, and have an overall better understanding of Ethernet and the nuances of an industrial or mission-critical environment. Topics include network and switch management, security and VPN, wireless technologies, redundant network topologies and traffic control.

ARRIVAL — MONDAY, SEPTEMBER 22

	Start	End			
	4:00 p.m.		Check-in/Registration		
	6:00 p.m.	9:00 p.m.	Welcome Reception — Open Bar and Hors d'Oeuvres		

TUESDAY, SEPTEMBER 23

Slot	Start	End	Session 1	Session 2	Hands-On*
	7:00 a.m.	8:00 a.m.	Breakfast		
	8:00 a.m.	9:00 a.m.	Introduction (General Session)		
1	9:15 a.m.	10:45 a.m.	Ethernet — Layer 2		Switch Commissioning (30 seats)
2	11:00 a.m.	12:30 p.m.	Media/Cabling	Network Design	Layer 3/Routing (7 seats)**
	12:30 p.m.	1:30 p.m.	Lunch		
3	1:30 p.m.	3:00 p.m.	Network Management	EtherNet/IP and Profinet Profiles	Eagle/Firewall (10 seats)**
4	3:15 p.m.	4:45 p.m.	IGMP/Multicasts	Redundancy	Media/Cabling (30 seats)
	5:30 p.m.		Chili Cook-off		

WEDNESDAY, SEPTEMBER 24

Slot	Start	End	Session 1	Session 2	Hands-On*
	7:00 a.m.	8:00 a.m.	Breakfast		
	8:00 a.m.	9:00 a.m.	Product Overview (General Session)		
5	9:15 a.m.	10:45 a.m.	VLANs	EtherNet/IP and Profinet Profiles	Switch Commissioning (30 seats)
6	11:00 a.m.	12:30 p.m.	Media/Cabling	Wireless Technology	VLAN/Redundancy (20 seats)
	12:30 p.m.	1:30 p.m.	Lunch		
	1:30 p.m.	2:15 p.m.	Industry Leader Presentations		
7	2:30 p.m.	4:00 p.m.	Network Management	Network Redundancy	Eagle/Firewall (10 seats)**
8	4:15 p.m.	5:45 p.m.	Network Design	IGMP	Wireless (15 seats)
	6:30 p.m.		Evening out in Georgetown (Washington, DC)		

THURSDAY, SEPTEMBER 25

Slot	Start	End	Session 1	Session 2	Hands-On*
	7:00 a.m.	8:00 a.m.	Breakfast		
	8:00 a.m.	9:00 a.m.	Industry Leader Presentation — Gary Workman, General Motors		
9	9:15 a.m.	10:45 a.m.	Wireless Technology	VLANs	Wireless (15 seats)
10	11:00 a.m.	12:30 p.m.	Open Discussion — Networking Trends, Pitfalls, Resources		Layer 3/Routing (7 seats)**
	12:30 p.m.	1:30 p.m.	Lunch with Closing Remarks		

*To ensure a controlled classroom environment and individualized attention, all hands-on labs are restricted in seat availability as indicated.
**Please note that the Eagle/Firewall and Layer 3/Routing hands-on labs involve advanced networking concepts and are only recommended for those that already have a working knowledge of Ethernet.

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Registration Form

Industrial Ethernet Seminar — September 22–25, 2008

Cost for this event (seminar, documentation, meals and evening events) is $979.

Registration is simple:

1. Complete the form below and fax to 717-217-2273.

2. Contact the Bolger Center at 301-983-7000 or online at www.bolgercenter.dolce.com to reserve your room. Please reference **2008Hir** to ensure $149/night seminar rate and receipt of the Hirschmann meal package.

If you have any questions or wish to register by phone, please call 717-217-2252 or e-mail ethernet@hirschmann-usa.com.

Registration Deadline: September 14, 2008

Company: _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

E-mail: _____ Golf at 2 p.m. on the 22nd? ☐ Yes ☐ No

Please check yes or no. We will contact you with details if interested.

How did you hear about this event? _____

☐ Visa   ☐ MasterCard   ☐ American Express   ☐ Check   ☐ Distributor PO (Distributor PO must accompany registration form)

Card Number: _____

Expiration Date: _____ Name on Card: _____

Billing Address: _____

Session and Class Selection

Please select the class of your choice. In the unlikely event that a class is full, you will be contacted immediately so that you may reschedule accordingly (availability is on a first-come, first-serve basis).

NOTE: Despite being presented as tracks, attendees may opt to mix-and-match the classes to their liking. It is encouraged that the related theoretical class session(s) be considered a prerequisite for the labs to ensure full comprehension of material.

For those wishing to mail their registration, please send it to:

Jacinta Swope
Hirschmann Automation and Control
1540 Orchard Drive
Chambersburg, PA 17201

Time Slot*	Session 1	Session 2	Hands-On
1	☐	☐	☐
2	☐	☐	☐
3	☐	☐	☐
4	☐	☐	☐
5	☐	☐	☐
6	☐	☐	☐
7	☐	☐	☐
8	☐	☐	☐
9	☐	☐	☐
10	☐	☐	☐

*Please see course schedule for time slots

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