

Schedule at a Glance

Day 1		Monday, October 10				
4:00 pm - 7:00 pm	Registration / Information Desk Open					
7:00 pm - 9:00 pm	Welcome Reception - Cocktails and Hors d'oeuvres					
Day 2		Tuesday, October 11				
7:00 am - 5:00 pm	Registration / Information Desk Open					
7:00 am - 7:45 am	Breakfast					
	Grand 5	Grand 6	Grand 1 & 2	Grand 7B	Grand 3 & 4	
7:45 am - 8:15 am	Opening Welcome					
	Session 1					
8:15 am - 9:45 am	Industrial Ethernet Infrastructure Design Best Practices (General Session)					
9:45 am - 10:15 am	Morning Break					
	Session 2					
10:15 am - 11:45 am	Industrial Networking Best Practices: Real-World Suggestions for Your Network	Introduction to Network Redundancy	Ethernet 101	Hands-on Lab: Intro to Industrial Wireless – Setting Up an Access Point	Hands-on Lab: Intro to Cybersecurity & Tofino	
11:45 am - 12:45 pm	Lunch					
12:45 pm - 1:45 pm	Keynote Speaker					
	Session 3					
1:45 pm - 3:15 pm	Industrial Networking Best Practices: Selecting Copper & Fiber Cable/Connectors	Cool Things Your Switch Can Do That You Don't Know About	Lecture & Lab: Configuring Switches, Diagnostics and Basic Switch Troubleshooting	Advanced Lecture & Lab: Industrial Wireless – Popular Configurations Beyond Basic Access Points	Hands-on Lab: Deep Packet Inspection (Modbus TCP, EtherNet/IP, DNP3)	
3:15 pm - 3:45 pm	Break				Break	
	Session 4					
3:45 pm - 5:15 pm	Industrial Networking Best Practices: Selecting Active Components	Remote Access Solutions			How to Harden and Secure Essential Windows Systems	
5:15 pm - 5:30 pm	Evening Assembly					
6:15 pm - 10:00 pm	Dinner & Social Event					
Day 3		Wednesday, October 12				
7:00 am - 5:00 pm	Registration / Information Desk Open					
7:00 am - 7:45 am	Breakfast					
	Grand 5	Grand 6	Grand 1 & 2	Grand 7B	Grand 3 & 4	
7:45 am - 8:15 am	Morning Welcome & Belden Keynote					
	Session 5					
8:15 am - 9:45 am	Live Demo: Industrial High-Speed Ethernet LAN Setup from Scratch (General Session)					
9:45 am - 10:15 am	Morning Break					
	Session 6					
10:15 am - 11:45 am	Top 10 Tech Tips to Avoid Tech Support	Remote Access Solutions	Network Isolation & Segmentation	Industrial Networking Best Practices: Selecting Active Components	Hands-on Lab: Basic Routing & Firewall Setup with EAGLE20-0400 Multi-Port Firewall	
11:45 am - 12:45 pm	Lunch					
12:45 pm - 1:45 pm	Keynote Speaker					
	Session 7					
1:45 pm - 3:15 pm	Security Inside - Applying Security Features Using Hardware That You Already Have	Industrial Networking Best Practices: Real-World Suggestions for Your Network	Advanced Lecture & Lab: Network Segmentation with Layer 3 Switches	Lecture & Lab: The Importance of Network Management & Visualization	Hot Topic - Industrial Internet of Things	
3:15 pm - 3:45 pm	Break				Break	
	Session 8					
3:45 pm - 5:15 pm	Integrating Network Management into DCS/PLC/HMI/SCADA Systems	Introduction to Network Redundancy			How to Efficiently Automate Security and Continuously Monitor ICS Operations	
5:15 pm - 5:45 pm	Evening Assembly & Belden Keynote					

Schedule at a Glance (Continued)

Day 4		Thursday, October 13			
7:00 am - 12:00 pm		Registration / Information Desk Open			
7:00 am - 7:45 am		Breakfast			
	Grand 5	Grand 6	Grand 1 & 2	Grand 7B	Grand 3 & 4
7:45 am - 8:15 am		Morning Welcome & Belden Keynote			
Session 9					
8:15 am - 9:45 am	Network Isolation & Segmentation	Converging Technologies for Wireless Network Security		Hands-On Lab: Industrial Cable	Hands-on Lab: Basic Routing & Firewall Setup with EAGLE20-0400 Multi-Port Firewall
9:45 am - 10:00 am	Break		Advanced Lecture & Lab: Understanding & Configuring Network Redundancy	Break	
Session 10					
10:00 am - 11:30 am	Security Inside - Applying Security Features Using Hardware That You Already Have	Live Demo: Using Lumberg I/O in a Device Level Ring (DLR) Application		Hands-on Lab: Intro to Industrial Wireless – Setting Up an Access Point	Hands-on Lab: Intro to Cybersecurity & Tofino
11:30 am - 12:30 pm		Lunch			
Session 11					
12:30 pm - 1:30 pm		Keynote Speaker			
1:30 pm - 3:00 pm	Industrial Networking Best Practices: Selecting Copper & Fiber Cable/Connectors	Cybersecurity Hot Spots within ICS Networks, Endpoints, and Industrial Control Systems		Advanced Lecture & Lab: Industrial Wireless – Popular Configurations Beyond Basic Access Points	Hands-on Lab: Deep Packet Inspection (Modbus/TCP, EtherNet/IP and DNP3)
3:00 pm - 3:15 pm	Break		Advanced Lecture & Lab: Network Segmentation with Layer 3 Switches	Break	
Session 12					
3:15 pm - 4:45 pm	Integrating Network Management into DCS/PLC/HMI/SCADA Systems	Cool Things Your Switch Can Do That You Don't Know About			How to Efficiently Automate Security and Continuously Monitor ICS Operations
4:45 pm - 5:00 pm		Event Close & Farewell			



Legend: Session Tracks					
Design	Networking	Wireless	Security	Live Demo	Cybersecurity