



UNDERSTANDING AND DESIGNING SAFETY APPLICATIONS

PART OF THE DIGITAL TRANSFORMATION SERIES

SUMMARY

This live seminar is a comprehensive overview of integrated CIP safety over EtherNet/IP. The goal is to provide attendees with a basic understanding of the devices, software, and services that are available through ES&E for safety system integration. The seminar will begin with a look at the international safety standards for *Functional Safety of Machinery* that are used when designing and building safety systems. This will be followed by a brief update on each of the latest safety products and tools that Rockwell Automation offers for safety system implementation. Finally, there will be a demonstration of a working safety system using live equipment. This demonstration will tie everything together and show how each component plays a role in an effective and functional safety system.

DATE

Wednesday, October 26

LOCATION

Courtyard Marriott

Chatham-Kildaire Room
5730 Dillard Dr, Cary, NC 27518

PRESENTERS

Eric Hanley - Automation, HMI & Network - ES&E
Henry Gilliland - Mechatronics - ES&E
Kevin York - IC, Sensor & Safety - ES&E
Greg Taylor - Industrial Control Lead - Rockwell Automation

This seminar is part of a series of initiatives ES&E is introducing to help our customers achieve their digital transformation goals. Throughout this initiative we'll demonstrate the practical steps behind this journey.

SCHEDULE

Time	Seminar Section
8:00 AM	Safety Standards
8:45 AM	Guardlink and 440R Safety Diagnostics
9:00 AM	Break and Q/A
9:15 AM	CIP Safety and Integrated safety Explanation
9:35 AM	Safety Controllers Overview
9:45 AM	GuardLogix Software (Studio 5000)
10:00 AM	Break and Q/A
10:15 AM	CIP Safety MAB and Light Curtains
10:30 AM	Drive Safety and CIP encoder
10:45 AM	Full Integrated Safety Machine Demo
11:25 AM	Safety I/O platforms
12:00 PM	Lunch
1:00 - 3:00 PM	Simultaneous break out sessions: Safety Program Development Workshop Risk Assessments Workshop

BREAKOUT SESSIONS

Safety Program Development Workshop

Learn to build an safety application from scratch that implements Safe Limited Speed (SLS) and all associated commands required to make that work.

Risk Assessments Workshop

Work through a practical example of all steps necessary and identify a required performance or category level.

REGISTER NOW

800.632.0268 • sales@ese-co.com • www.ese-co.com • after hours support: 800.367.3862