

## Agenda

### Free PROFINET One-day Training Class

#### Introduction

- Learning Objectives
- Introductions
- Organization behind PROFINET
- System Architecture: PROFINET and other buses

#### PROFINET Fundamentals

- Industrial Ethernet Overview
- PROFINET Fundamentals

#### PROFINET: How do I...

- ... connect IO?
  - ... connect a legacy fieldbus?
  - ... get data from sensors/actuators?
  - ... integrate machine to machine?
  - ... do motion control?
  - ... install my infrastructure?
    - Switch selection, topology, redundancy, network diagnostics, security
  - ... use wireless connections?
  - ... save energy?
- (Each section includes technical details, demonstrations, and competitive comparisons)*

#### Wrap-up and Resources

- Summary
- Additional Resources

#### Time Schedule

8:00am Registration and Light Breakfast  
8:30am Class begins  
10:00am\* Morning Break, coffee and other beverages  
12:00noon Hosted Lunch  
1:00pm Class Resumes  
3:15pm\* Afternoon Break, snacks and beverages  
4:30pm Class ends, exhibits continue

\*Time Approximate

Exhibits are available during registration, at breaks, during lunch, and after the class concludes