

# AEE March Event (Luncheon)

Register today:

## Open Protocols versus Open Systems -- What is the Difference

March 28, 2019 11:30AM to 1:00PM

Members \$25.00 - Non Members \$35.00—Students \$15.00

Location: Gaetano's Banquet Center & Catering

1617 Banksville Rd, Pittsburgh, PA 15216( 412) 576-2761

### Presenter:

#### Ken Smyers

DMS Controls Group, LLC  
VP, Sales Engineer

**Experience:** Co-owner of DMS Controls Group with over 30 years of Industry experience. Co-founder of ControlTrends Awards

**Certifications:** Talon Operations, Niagara AX/N4, Vykon and WEBs Enterprise Security and Occupational Safety Certified

**Education:** Master of Science in Administration, Central Michigan University

**Memberships:** Realcomm/IBcon Advisory Council, Controls Group North America System Committee, WPFDA Association

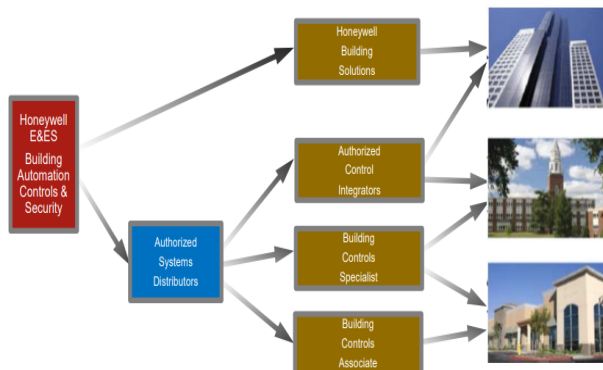
## Open Protocols versus Open Systems -- What is the Difference

Open Protocol," as described by ASHRAE, provides a means by which computerized equipment may exchange information, regardless of the particular building service it performs, with other computerized equipment. As a result, an "Open Protocol" may be used by mobile and cloud-hosted devices, head-end computers, general-purpose direct digital controllers, and application-specific or unitary controllers with equal effect. Unfortunately, specifying "Open Protocols" does not assure an "Open System

### Agenda

- § Introduction
- § Building Management System Architectures
- § Why are Open Protocols & Systems Important?
- § Definition of Open Protocols & Open Systems
- § DDC Controllers and Programming SW
- § Integration of Multiple Products

## Open Choice Contracting Partners



**Standardize on a common platform, devices & tools and still obtain competitive quotes**

## Typical BMS Architecture – Field Controllers

