

# NIAGARA SUMMIT 2026

SEAMLESS CONNECTIVITY,  
POWERFUL INTELLIGENCE

**NS<sup>26</sup>**  
CUSTOMERS

**TRIDIUM**

3:30 PM – 4:20 PM | THURSDAY

# LESSONS LEARNED FROM INTELLIGENT BUILDING PROJECTS - DIV 25 INTENT VS OUTCOMES



TRIDIUM

# SPEAKERS



Roxette Melancon  
Tridium



Nicole Niles  
XL Automation



Bobbie Tincher  
University of Kentucky

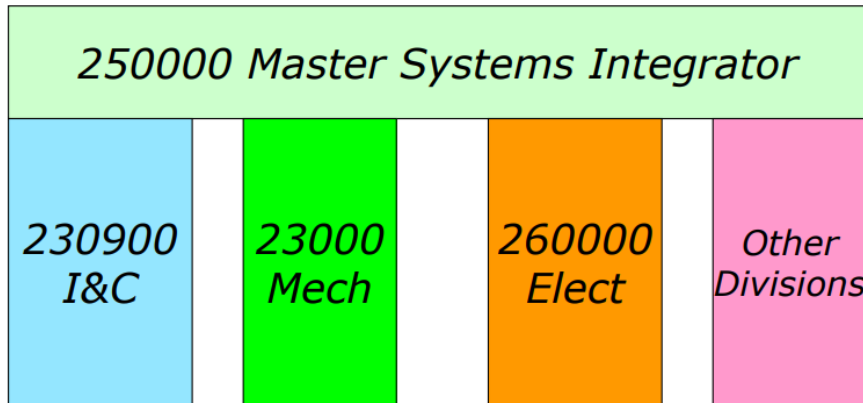


Erin DeFrieze  
Building People

# What is the INTENT of Division 25?

## Division of Responsibility

- Systems Integration by MSI 25 00 00



25 00 00	Integrated Automation System General
25 05 00	Common Work Integrated Automation System
25 08 00	Commissioning of Integrated Automation System
25 11 00	Integrated Automation System Inputs/Outputs
25 11 05	Advanced Power Meters
25 12 00	Third Party Interfaces
25 14 00	Integrated Automation System Field Panels
25 15 00	Integrated Automation System Software
25 60 00	Integrated Automation System Operation and Maintenance
25 70 00	Integrated Automation System Training
25 90 00	Sequences of Operation
25 05 50	Common Work Integrated Automation System
25 08 50	Commissioning of Integrated Automation System
25 11 55	Advanced Power Meters
25 11 59	Network Electronics
25 12 50	Third Party Interfaces
25 14 50	Integrated Automation System Field Panels
25 15 50	Integrated Automation System Software
25 60 50	Integrated Automation System Operation and Maintenance
25 70 50	Integrated Automation System Training
25 90 50	Sequences of Operation



# Guideline vs. Specification ownership

- Do you specify an energy mandate? (ASHRAE Guideline 36)
- Is SPOG attainable?
- Can we truly achieve energy savings?
- Capital Expense vs. cost of ownership- “We shaved 50K off this project but wasted 200K over the next 5 years”

# Integration Implications

- The impact of factory mount controllers vs controls installed by MSI (Div 25)
- Does the AHU really need packaged controls? (what can we really do with that?)
- 3<sup>rd</sup> party integrations- pros & cons



# Education & Competency

- Information sharing between all parties involved (5W's)
- Office space retrofit to Operating room example
- DESIGN MATTERS!
- Training & following through
- "While Div25 is great, it's not everything...getting ahead of Div 25 is a MUST!"



# Enforce & Verify

- End User- interview bidders: “Who can deliver? anyone can meet a spec...”
- Low bid = more \$\$\$ to fix. “What is the real world cost of low bid?”
- Lifespan drops with low bid controls, there is no longer an ROI
- Div 25 Responsibility Matrix
- Construction Process



# Maintenance Matters

- Deliverables Needed!
- Did the end user get what they wanted?
- “Just because a protocol is open, doesn’t mean the platform is”
- PRE-commissioning



**How do I get started?**

**What about IT? IP controls? Cloud?  
Analytics? & lets not forget AI?**

**What is the risk to get started with  
Div 25?**



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## Q&A



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**THANK YOU!**