

SECURITY CONNECTED.

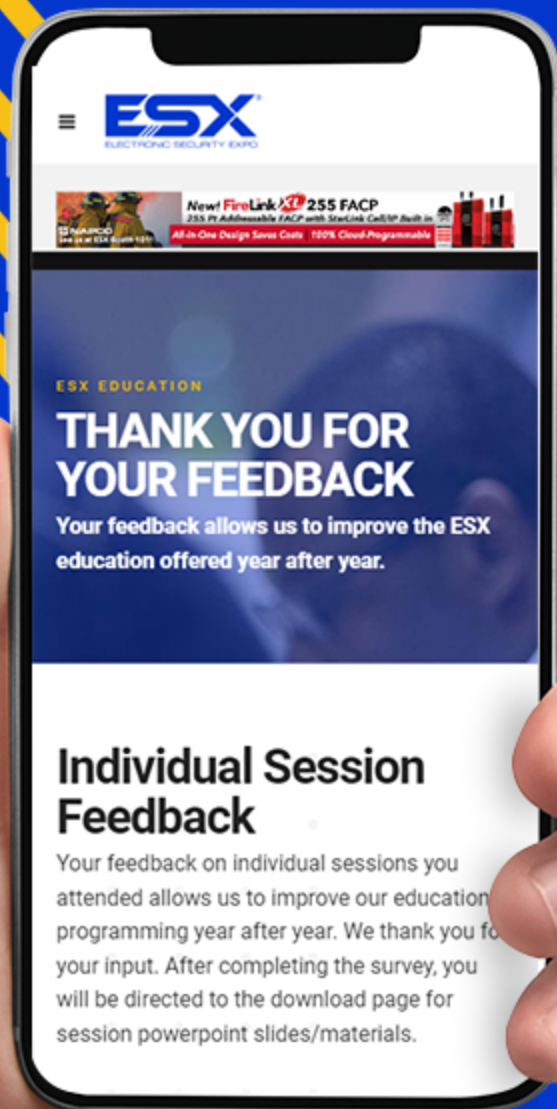


ELECTRONIC SECURITY EXPO

**MONITORING TRACK**

**KEEPING SCORE – A BETTER ALARM  
VERIFICATION METHOD**

# ESX **FEEBACK**



1

**ANSWER 5  
QUESTIONS  
ABOUT THIS  
SESSION**

2

**GAIN  
ACCESS  
TO THE PPT  
SLIDES**

3

**BE ENTERED  
TO WIN A  
\$100 GIFT  
CARD**

**3 GIFT CARDS (\$100 EACH) AVAILABLE FOR SURVEY RESPONDENT RAFFLES**

**WINNERS WILL BE NOTIFIED THROUGH THE ESX APP**

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SECURITY EXPO IS  
OWNED BY:**

**ESA** ELECTRONIC  
SECURITY  
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# RSPNDR

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# **COURSE OBJECTIVES:**

## **Keeping Score – A Better Alarm Validation Method**

- What is AVS-01
- What is the impact for central stations and Public Safety
- How to implement for centrals, automation and law enforcement
- How to score an intrusion alarm manually and with automation
- What it means for alarm response policies as a standard
- How it will assist first responders in resource allocation, safety, and potential apprehensions

# MEET THE SPEAKERS



**MARK  
MCCALL**

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**DIRECTOR OF GLOBAL  
OPERATIONS  
IMMIX PROTECT**



**JAVIER  
OLARTE**

---

**ALARM SYSTEM  
AUDITOR  
UNDERWRITERS  
LABORATORIES**



**JOEY  
RAO-RUSSELL**

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**PRESIDENT AND CEO  
SONITROL SECURITY**



# MEET THE SPEAKERS



**DEREK  
OCHS**

---

**SVP SOFTWARE  
DEVELOPMENT  
BOLD GROUP**



**BOB  
FINNEY III**

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**DIR. OF COMMUNICATIONS  
COLLIER COUNTY  
SHERIFF'S OFFICE**



# What is AVS-01?

- **Alarm Validation Scoring** – an intrusion alarm scoring or classification standard
- Collaborative Effort
- Three primary components:
  - 1) Accurately and consistently score or classify intrusion alarms
  - 2) Consistent communication method for relaying these events to ECC/PSAP
  - 3) Compliance to help ensure the standard is being followed properly

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# The Alarm Levels

- Intrusion Alarm Level 0 (no Notification call to ECC/PSAP)
- Intrusion Alarm Level 1 (No or Limited data)
- Intrusion Alarm Level 2 (Confirmed or Highly Probably Human Presence with unknown intent)
- Intrusion Alarm Level 3 (Confirmed Threat to Property)
- Intrusion Alarm Level 4 (Confirmed Threat to Life)

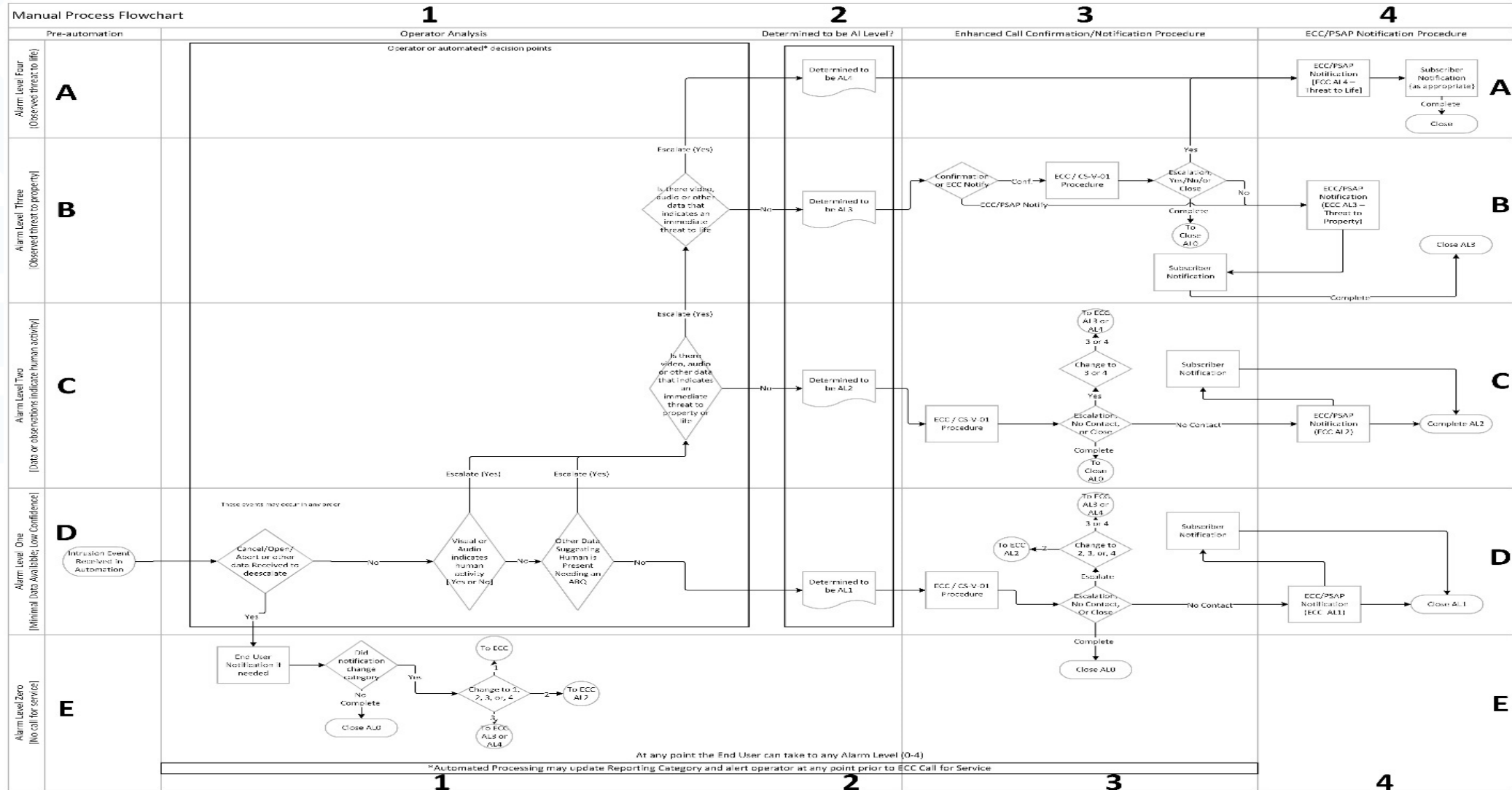
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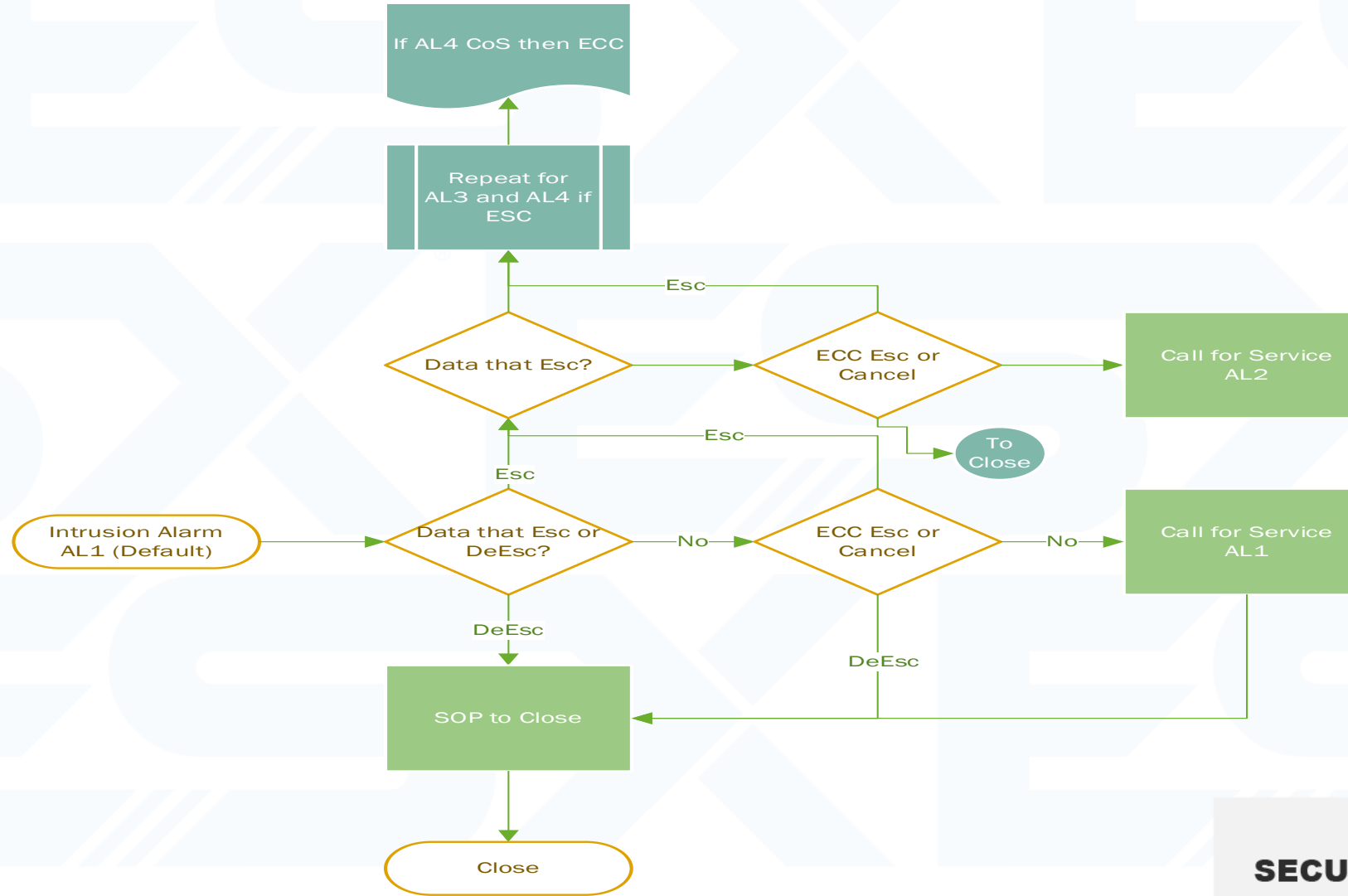
# **Panel Q&A and Audience Participation Welcome**

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# Annex Materials – Esc/DeEsc Swimlane



# Annex Materials – Swimlane Simplified



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# Annex Materials – Possible Data Sources

## Panel Data

- Any burglar alarm
- Multiple trips same zone
- Multiple trips different zone
- Recent closing/opening
- Perimeter alarm
- Interior alarm
- Perimeter, followed by Int
- Glass break
- Smoke alarm
- Schedule exceptions
- Abort/cancel
- Time of event

## Video Data

- People seen
- People have weapons
- People have burglary tools
- Vehicles seen, recognized or not
- License Plate Readers, unknown plate
- People remaining, loitering
- Vandalized property
- Severe weather seen
- Smoke/Fire

## Audio Data

- Weather heard, thunder, etc.
- Breaking or destruction
- Voices heard
- Elevated conversation heard
- No audio
- Audio of activity (walking, doors, etc.)

## Personal Data

- Occupants phones not on site
- Occupants phone on site at alarm
- Other phones (keyholder list) on site at alarm
- GPS shows occupants not home
- GPS show occupants at home
- Event initiated
- Event confirmed
- Other end user/customer input

## Other Data Source

- Twitter, Nextdoor, etc. (social media) feeds with key word
- RSS feeds, utility companies, etc.
- PD alerts, broadcasts live
- Crime reports
- Crime index for location
- Customer specific/environmental
- Predictive analytics, fire equipment fails
- Floor plans

## Biometric Data

- Facial recognition, friend seen
- Facial recognition, foe seen
- Facial recognition, no match
- Voice match, friend
- Voice match foe
- Voice match unknown

## Environmental Data

- Weather harsh
- Weather good
- Interior temperature normal
- Interior temperature high/low
- CO level high
- CO level normal
- Power outage

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**RATE THIS SESSION**  
**ESXWEB.COM/FEEDBACK**



# **CLOSING** **LUNCHEON**

**11:30AM**

**MAIN STAGE**

**F.L.Y. FIRST**  
**LEAD YOURSELF**

