

# What Did We Hear, etc.?

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# What Did We Hear?

- Situational awareness platform
  - Case studies
  - Possible sensors
  - Feedback required
- Opportunities to work with S&T, CISA, CBP, TSA, ...
  - Long Range BAAs
  - SENTRY BOAs/Task Orders
- Human factors and positive predictive value
- Augment law enforcement
- Teachers should not have to be security experts
- Opportunities for testing
- Use of modeling/simulations, AI
- Technology foraging particularly DoD
- Timelines: before, during, and after the bang
- Deterrence
- Technology alone will not solve this problem
- Prototypes have been developed and insights created
- Training, training, training
- Testing, testing, testing
- Communication protocols, interoperability, and nomenclature needed
- Policy lags technology
- How do schools know what does and does not work, need for testers
- Detecting mental health symptoms via speech

# What Did We NOT Hear?

- Stakeholders'
  - Perspectives: Law enforcement, first responders
  - Compliance
- Interoperability
- Humans interaction w. technology
- Customer Requirements
- Engineering specifications
- Behavior detector (BDO)
- Fusion of data/info
- Other country perspectives
- Reference conops
- What should sensors detect?
- Define normal vs abnormal
- Definitions of the threats
- Scraping social media
- Differentiation before, during, after bang, type of threat, venue, etc.
- How to make money in this field
- Effectiveness and helpfulness of platforms
- User requirements
- Benchmarking
- Quantitative economic analysis

# ADSA28 (Proposed at ADSA 26 & 27)

- Stakeholders'
  - Perspectives: Law enforcement, first responders
  - Compliance
- Interoperability
- Humans
- Requirement and design specifications
- Situational awareness platform
  - Case studies
  - Possible sensors
- We need to discuss before, during, and after the bang
- Sensors (physical and intelligence)
- Algorithms/AI and open-platform
- Outputs
- Common communication protocols
- Requirements and concepts of operation
- Systems approach/Case studies
- Commercialization
- Innovations needed
- Liability, finances
- Safety Act—Indemnification for soft targets?
- Layered Security
- Risk management
- Test & evaluation

# ADSA28 (from ADSA 26 & 27) – Part II

- ~~Unintended consequences~~
- ~~Civil liberties & privacy~~
- Variations and adaptability by venue
- User interfaces (e.g., cell phone)
- Humans (inc. parents) in the loop
- Deterrence & displacement
- Requirement specifications
- Application programming interfaces
- Financial: operating cost, market size, funding, development cost
- Installation, maintenance, legal considerations
- Focus on one venue (e.g., schools)
- Concept proofs without prototypes

# References

- <https://www.cisa.gov/safecom/project-25>
- <https://www.nassp.org/community/principal-recovery-network/>
- <https://iloveeguys.org/>
- <https://www.b2ai-voice.org/>
- [https://en.wikipedia.org/wiki/Kylo v. United States](https://en.wikipedia.org/wiki/Kylo_v._United_States)