

Thursday, August 21, 2025

9:30 AM - 9:50 AM

***From Data to Decision: Operationalizing Mission Intelligence Across Systems and Environments***

**Michael Chappell**

CTO

Appian

Abstract:

Modern defense leaders face a persistent challenge: How to transform the vast amounts of siloed, incongruent, dispersed data sets into mission-relevant decisions and timely action.

While advancements in hardware and software have made us more efficient at aggregating and analyzing increasingly complex data sets, the end goal remains the same: Drive outcomes through informed, rapid decisions.

In complex, multi-echelon, geographically dispersed processes like C2, the ability to act on real-time intelligence can mean the difference between success and failure on the battlefield.

This session will explore how combining data fabric with AI analysis and process orchestration enables continuous adaptation—so workflows evolve as new intelligence emerges or mission needs change.

Attendees will gain insight into how to:

- Unify data from diverse sources and formats without migration
- Surface mission-relevant insights with dashboards, filters, and AI-powered analysis
- Operationalize intelligence through agile workflows that adapt in real time
- Maintain mission-dominance across distributed and disconnected environments

Ideal for mission owners and defense technologists, this session demonstrates how to align data, analytics, and processes—powered by AI— to accelerate decision-making and deliver mission outcomes in dynamic operational environments.