Thursday, May 8, 2025
11:30 am – 11:50 am
VDetect

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Abstract:
10x National Security's VDetect is a next-generation Enterprise Data Layer designed specifically for advanced intelligence and defense applications. VDetect seamlessly integrates diverse data streams enabling real-time analytics, predictive insights, and enhanced situational awareness. Leveraging cutting-edge machine learning, artificial intelligence, and natural language processing (NLP), VDetect provides rapid, accurate, and actionable insights by automatically identifying, labeling, categorizing, and correlating data across vast networks and multiple security enclaves. Engineered with an emphasis on flexibility, scalability, and security, VDetect supports customized deployments ranging from baseline operational monitoring to advanced analytics with tailored AI-driven data tagging, labeling, and anomaly detection capabilities. Its sophisticated anomaly detection algorithms proactively identify threats and irregularities, significantly improving preemptive security measures and reducing response times. The platform is built to operate within stringent compliance standards, ensuring reliability, security, and auditability for sensitive national security missions. VDetect's unique modular architecture allows customers to select from multiple service-level agreements (SLAs), scaling from foundational capabilities to comprehensive, fully customized enterprise solutions. High-tier SLA options include specialized customizations, such as advanced algorithm training, bespoke data labelers and taggers, implementation of state-of-the-art AI tools, and specialized integrations tailored to mission-specific requirements. With its robust design, agile integration capabilities, and comprehensive data fusion functionality, VDetect significantly accelerates decision-making cycles, optimizes resource allocation, and enhances mission effectiveness for defense and intelligence community stakeholders, ensuring operational superiority in dynamic threat landscapes.