GAI IntelliPOD & Private 5G: Revolutionizing Video Analytics and Tactical Edge Security

Government Acquisitions

GAI IntelliPOD is a pre-integrated, AI-driven platform that enables intelligent video analytics, secure edge computing, and private 5G connectivity for defense, smart city, and critical infrastructure applications. Designed with mission resiliency in mind, GAI IntelliPOD rapidly processes vast amounts of data from edge environments and delivers actionable insights in real time. It fuses computer vision, swarm learning, and cyber threat mitigation to accelerate decision-making where it matters most—from the data center to the far edge.

Intrusion Detection_Person

Automated Threat Detection:
AI/ML-powered recognition of weapons, intrusions, and anomalies ensures real-time alerts and reduced false positives for faster, safer decision-making.

Video Restoration & Image Analytics:
Integrated with a video restoration plugin to restore degraded video feeds in low-light or compromised conditions.

Private 5G Connectivity:
Enables secure, ultra-low-latency communication between IoT sensors, cameras, edge devices, and command centers. Supports real-time video streaming, predictive maintenance, and digital twin simulations.

Defense-Centric Applications:
Supports convoy protection, base security, logistics management, counterintelligence, and AI-assisted training simulations for defense and tactical environments.

Data Interoperability Across Platforms:
Seamlessly integrates with multiple data sources, hardware platforms, and cloud/on-prem systems—enabling real-time data fusion and situational insights
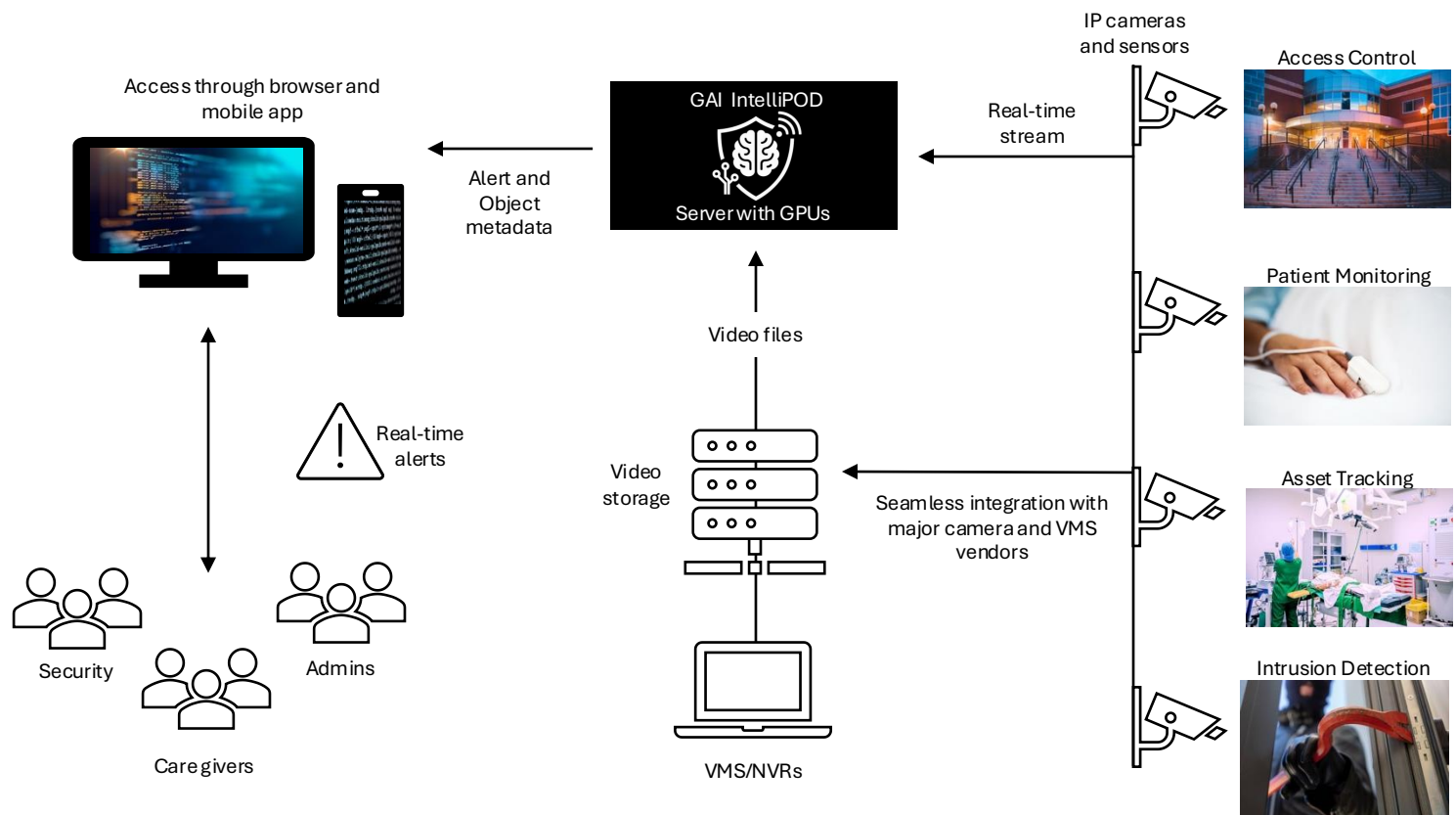
Mission-Aligned Edge Architecture:
Combines top technologies with container-based orchestration, AI model training/deployment, and advanced analytics.

Empowering tactical and mission-critical operations with real-time AI-powered surveillance, secure communications, and edge intelligence.

Built on a private 5G core stack, IntelliPOD delivers resilient and encrypted connectivity, enabling real-time collaboration, situational awareness, and secure command and control across edge environments. The platform processes video and data analytics directly at the edge, eliminating reliance on centralized data centers and ensuring mission-critical decisions are made without delay. By delivering continuous visibility into operational conditions and emerging threats, IntelliPOD enhances mission readiness, helping defense teams remain agile, informed, and protected.

Access through browser and mobile app

GAI IntelliPOD Server with GPUs

Alert and Object metadata

IP cameras and sensors

Real-time stream

Access Control

Patient Monitoring

Asset Tracking

Intrusion Detection

Real-time alerts

Security

Admins

Caregivers

Video storage

Video files

Seamless integration with major camera and VMS vendors

VMS/NVRs

GAI at a Glance

Government Acquisitions, Inc. (GAI) is a leader in providing practical, end-to-end IT solutions to the federal government focusing on Artificial Intelligence, Automation, Analytics, Cybersecurity, and the Infrastructure to support every step of the way.

Backed by over 30 years' experience, GAI's team members work side-by-side with your agency and our IT partners to modernize, optimize, and deliver unparalleled mission support. #GAIisAI

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CMMI LEVEL 3

ISO 9001:2015 CERTIFIED COMPANY
PRI Certification
PERFORMANCE REVIEW INSTITUTE

The Open Group
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O-TTPS 1.1.1 (ISO/IEC 20243:2018)

NIST National Institute of Standards and Technology
U.S. Department of Commerce
SP 800-171