



Advanced Video Analytics

VICADS VIDEO MANAGEMENT SYSTEM

OVERVIEW

Advanced Video Analytics is a Linux Server Centric deployment model that driven and developed by customer needs. PSG's analytics use systematic computational analysis of data to research potential trends, analyze the effects of certain decisions or events, and evaluate the performance of a given tool or scenario based on the user's preferences.

Video Analytics servers as a key asset to the VICADS™ 100 series Video Management System along with other integration partners bringing a host of capabilities to the edge devices. Commercial off the Shelf (COTS) availability and GSA listed pricing offers flexibility in securing contracts through various avenues.

V100 integrates events over ONVIF (Open Network Video Interface Forum) easily utilizing the standardized edge analytics from a camera. Integration testing has been performed with the following camera manufacturers: AXIS, Bosch, FLIR among others utilizing their unique capabilities and features.



ANALYTICS	CAPABILITIES
Motion Detection	Track event detection through numerous scenarios
Scene Authentication	Ensures authenticity and accuracy of a given video scene
Object classification	Accurately identify and predict the target
Advanced Intrusion Detection	Loitering alarms and identifying a person/object entering a pre-defined field
People Counting	Aids in analyzing customer behavior
Intelligent Tracking	Automatically track moving objects based on predefined alarm rules
Perimeter Protection	Triggers alarm when subject crosses a certain area – fence, line, etc.
Object in Video	Triggers alarm when field of view is obstructed
Loitering Detection	Triggers alarm when loitering is present in predetermined area