



VIDEO ANALYTICS PLATFORM CAPABILITIES STATEMENT

BRIEFCAM CORE COMPETENCIES



Accelerate Investigations

Improve investigation productivity and review hours of video in minutes with ever-expanding video search and filtering capabilities, pinpointing people and objects of interest with speed and precision.



Attain Situational Awareness

Bring relevant events to the forefront with real-time alerting capabilities, driving proactive response to situational changes, while effectively balancing sensitivity, accuracy, and efficiency.



Derive Operational Intelligence

Quantitatively analyze video and derive actionable insights for operational decision-making and optimization. Uncover patterns by aggregating video data in interactive, intuitive, and easy to use dashboards.

BRIEFCAM DIFFERENTIATORS

COMPREHENSIVE PLATFORM: A robust portfolio of critical video analytics capabilities fully integrated across the platform for video metadata search, alerting, and visualization, powerfully extending the value of video surveillance investments.

EXTENSIBLE & OPEN SOLUTION: BriefCam is a COTS product that supports integrations with an ever-expanding set of leading Video Management Systems (VMS), cameras, and other advanced technologies to drive best-of-breed video solutions for heightened user experiences.

UNMATCHED ACCURACY: Leverage market leading accuracy for detection and classification across object classes, attributes, behaviors, as well as appearance similarity.

SUPERIOR PERFORMANCE: Effectively supports the requirement for both on-demand and real-time analytics for full camera coverage and introduces AI-industry standard Linux-based processing for increased real-time performance, precision, and speed.

FLEXIBLE ARCHITECTURE: Designed to meet the business needs of today and tomorrow for deployment architectures, including standalone or multi-site, all-in-one or distributed large-scale, as well as on-premises or cloud deployments.

ELEVATED CUSTOMER EXPERIENCE: Dedicated consultancy, implementation, and support to ensure customers enjoy the quickest time to value, lowest total cost of ownership, and impactful analytics applications to maximize the investment in video.

CUSTOM CLASSIFICATIONS: Define, train on-site, and leverage custom classes for uniformed workers and 4-wheel vehicles. Available only with Linux-based engine.

BRIEFCAM COMPANY INFORMATION

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CROSS-PLATFORM VIDEO ANALYTIC CAPABILITIES

SOURCE Based on specific cameras or files

TIME RANGE Based on specific time ranges

CLASS Based on People (Man, Woman, Child), Two-Wheeled Vehicles (Bicycles, Motorcycles), Other Vehicles (Car, Pickup, Van, Truck, Bus, Train, Airplane, Boat), Illumination Changes, and Animals

CUSTOM CLASSIFIED Define, train on-site, and leverage custom classes for uniformed workers and 4-wheel vehicles. Available only with Linux-based engine

PERSON ATTRIBUTES Based on person attributes, including Lower and Upper Wear (by color), Hats, Face Masks, and Bags

COLOR Based on any combination of object color, including Brown, Red, Orange, Yellow, Green, Lime, Cyan, Blue, Purple, Pink, White, Grey, and Black

VIDEO SYNOPSIS Simultaneously view objects that have appeared at different times in a video or from smart alerts, for accelerated video review

FAST TRACK Quickly find objects across surrounding cameras based on geolocations defined in the integrated VMS. Available for Genetec and Milestone

CASE MANAGEMENT Organize all video assets of an investigation in a single container, bookmark objects of interest, and export case findings reports to support collaboration

APPEARANCE SIMILARITY Identify people and vehicles with similar attributes

FACE RECOGNITION Based on images extracted from existing video or photo uploads, conduct "in the wild" face matching for persons included or excluded on watchlists

LICENSE PLATE RECOGNITION For in "in the wild" surveillance scenarios, recognize license plates based on watchlists for vehicle behavior analysis and traffic optimization

LINE CROSSING Detect demarcation crossings in a predefined direction

PROXIMITY IDENTIFICATION Detect the distance between individuals over time and location for measuring compliance with physical distancing mandates, enabling contact tracing, and advancing investigations

FACE MASK DETECTION Detect and identify face mask wearing and lack thereof for measuring compliance with public health mandates and safety codes

PEOPLE COUNTING Count the number of people in a pre-defined area or who travelled in a certain direction, track queues and crowd formations, and measure occupancy to optimize space utilization and pedestrian traffic flows

AIRPLANE COUNTING Monitor the increase or decrease of airplanes in a pre-defined range of view or area. Available only with Linux-based engine

GROUP DETECTION Receive alerts when a group of a pre-defined number forms in a certain area for a certain amount of time. Available only with Linux-based engine

VISUAL LAYERS Create visual analytics and derive insights about activity, dwell time, common paths, and background changes

DIRECTION Based on the direction detected in the video

SIZE Based on object's actual calculated size

PATH Identify objects traveling along one or more user-defined paths

AREA Identify objects included or excluded within one or more user-defined 3- or 4-sided polygon areas

SPEED Based on object's actual calculated speed

DWELL Based on object dwelling for pre-set time periods within a scene

ABOUT BRIEFCAM

BriefCam® is the leading provider of video analytics software that enables people, companies, and communities to unlock the value of video surveillance content. Delivering accurate, flexible, and comprehensive solutions, BriefCam's video analytics platform provides valuable insights for accelerating investigations, increasing situational awareness, and enhancing operational intelligence.