



# INVESTIGATOR

## CLOUD EDITION DATASHEET

**BriefCam**

BriefCam® Investigator, Cloud Edition delivers a unique fusion of computer vision and Deep Learning technologies, together with the patented VIDEO SYNOPSIS® solution, to enable video investigators to rapidly pinpoint people and objects of interest, review hours of video in just minutes, and effectively collaborate on cases for swift resolution.

Investigator, Cloud Edition is hosted on the Google Cloud Platform and securely managed by BriefCam, offering a video analytics solution for file-based video ingestion that seamlessly transforms video into actionable intelligence. Accelerate investigations and increase video investigator productivity by flexibly deploying innovative and extensible video analytics:

**QUICK IMPLEMENTATION:** No on-premises hardware or software required. Simply subscribe and log into the service to start conducting video investigations.

**COST EFFICIENCY & SCALABILITY:** Flexible, subscription-based pricing model enables seamless service expansion with processing hour, storage and concurrent user quota packages. Reduce the total cost of ownership (TCO) and eliminate capital expenditures (CAPEX).

**MISSION CRITICAL AVAILABILITY:** SLA guarantees an uptime of 99.5%, ensuring reliable connectivity 24/7.

**ALWAYS UP-TO-DATE:** Continuously enjoy the latest version of BriefCam's software, with immediate, automatic updates executed by BriefCam.

# ACCELERATE INVESTIGATIONS



## REVIEW

**CASE MANAGEMENT:** Organize all video assets of an investigation in a single container, bookmark objects of interest, and summarize case findings (including all relevant exhibits) in an exportable report, while dynamically collaborating on cases with other users.

**VIDEO SYNOPSIS®:** BriefCam's VIDEO SYNOPSIS solution simultaneously presents objects that have appeared at different times within the video. The result is a dramatically shorter video segment that fully preserves the viewer's ability to analyze the scene, enabling the review of hours of video in minutes and sometimes seconds.

**MULTI-CAMERA SEARCH:** Powerful and advanced multi-camera search capabilities for all BriefCam search filters and Visual Layers.

**FACE RECOGNITION:** Accurate face recognition for rapidly pinpointing persons included in watchlists, based on images extracted from existing video or data uploads.

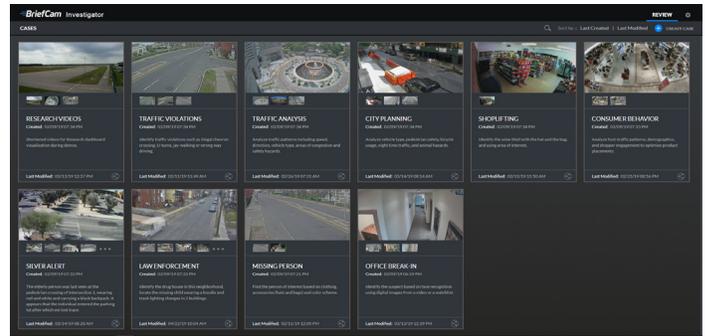
**APPEARANCE SIMILARITY:** Instantly locate people, vehicles, and other items of interest by searching for objects with similar attributes.

**VISUAL LAYERS:** Create visual analytics for activity, dwell time, common paths and background changes.

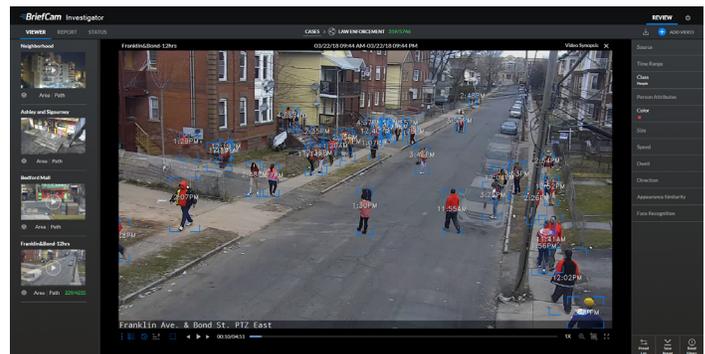
**FILTER TOLERANCE:** Adjust tolerance levels to refine search results.

**DENSITY & SPEED CONTROL:** Increase or decrease the number and speed of events shown at once.

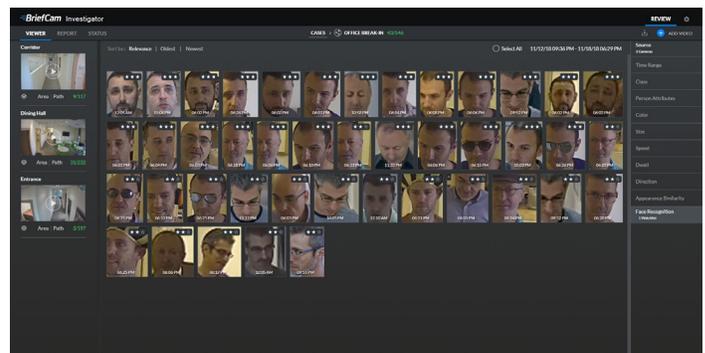
**SORT CONTROL:** View events by relevance or by order of occurrence and easily zoom in on items of interest.



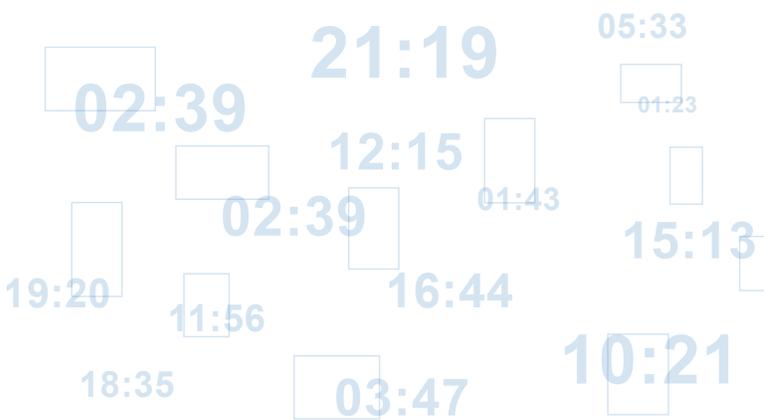
REVIEW: Case Management with Collaboration



REVIEW: VIDEO SYNOPSIS® with Search



REVIEW: Face Recognition with Watchlist



PRODUCT EDITIONS	
<b>INVESTIGATOR</b>	
File-based	REVIEW only
Single-user   Multi-user	

## SEARCH FILTERS

<b>SOURCE</b>	Filter objects based on specific cameras or files
<b>TIME RANGE</b>	Filter the search criteria for specific time ranges
<b>CLASS</b>	<p><b>Class Categories:</b> People, Two-Wheeled Vehicles, Other Vehicles, and Animals</p> <p><b>People:</b> Man, Woman, Child</p> <p><b>Two-Wheeled Vehicles:</b> Bicycle and Motorcycle</p> <p><b>Other Vehicles:</b> Car, Pickup, Van, Truck, Bus, Train, Airplane, and Boat</p> <p><b>Animals</b></p>
<b>ATTRIBUTES</b>	<p><b>Lower Wear:</b> Long, Short, and by Color</p> <p><b>Upper Wear:</b> Long Sleeves, Short Sleeves, and by Color</p> <p><b>Hats:</b> No Hat, Hat</p> <p><b>Bags:</b> No Bag, Backpacks, Handheld Bags</p>
<b>COLOR</b>	Identify objects according to any combination of Brown, Red, Orange, Yellow, Green, Lime, Cyan, Purple, Pink, White, Grey, and Black
<b>FACE RECOGNITION</b>	<p><b>View All Faces:</b> View all faces that were detected in a case</p> <p><b>Search by Face:</b> View all faces that were detected in a case and search by face using external images, or images from video</p>
<b>APPEARANCE SIMILARITY</b>	Identify people and vehicles with similar attributes
<b>DIRECTION</b>	Select objects according to their direction as visually seen in the video
<b>SIZE</b>	Select objects based on their actual (real-life) size from a histogram of sizes relevant to a specific case
<b>PATH</b>	Identify objects traveling along one or more user-defined paths
<b>AREA</b>	Identify objects included or excluded within one or more user-defined 3- or 4-sided polygon areas
<b>SPEED</b>	Select objects based on their actual speed from a histogram of speeds relevant to a specific case
<b>DWELL</b>	Select objects dwelling for longer than a certain period in a scene



## TECHNICAL SPECIFICATIONS

<b>SUPPORTED RESOLUTION</b>	Minimum CIF, Maximum 4K
<b>SUPPORTED FRAME RATE (FPS)</b>	8-30 frames per second
<b>SUPPORTED VIDEO FILE FORMATS</b>	.AVI, .MKV, .MPEG4, .MOV, .WMV, .DVR, .ASF, .RT4, .DIVX, .264, .H264, .H265, .GE5, .TS, .3GP, MP4, .FLV
<b>SUPPORTED CODECS</b>	H.264, H.265/HEVC, MPEG-4, H.263
<b>FILE-BASED INGESTION</b>	Multi-file videos or single file videos
<b>FACE RECOGNITION</b>	Minimum Face Size: 24x24 pixels
<b>SUPPORTED LANGUAGES</b>	Brazilian Portuguese, Chinese Simplified, Chinese Traditional, Danish, Dutch, English, Finnish, French, German, Japanese, Korean, Latin Spanish, Turkish, Vietnamese
<b>SUPPORTED BROWSERS</b>	Google Chrome Desktop and Firefox
<b>COMPLIANCES*</b>	SOC 2 Type 2 and GDPR

\*Certifications in Process

## CLOUD INFRASTRUCTURE

<b>GOOGLE CLOUD</b>	Multi-tenant cloud service, hosted on Google Cloud Platform and managed by BriefCam
<b>CYBERSECURITY</b>	Cybersecurity best practices as a fully-integrated part of the software development cycle, including user authorization and authentication, as well as Secure Sockets Layer (SSL)/Transport Layer Security (TLS) for data in transit and Google Cloud Encryption for data at rest.
<b>SERVICE LEVEL AGREEMENT (SLA)</b>	99.5% system availability
<b>SOFTWARE UPDATES</b>	Automatic updates, deployed by BriefCam

## ABOUT BRIEFCAM

BriefCam is the industry's leading provider of Deep Learning and VIDEO SYNOPSIS® solutions for rapid video review and search, face and license plate recognition, real-time alerting and quantitative video insights. By transforming raw video into actionable intelligence, BriefCam dramatically shortens the time-to-target for security threats, while increasing safety and optimizing operations. BriefCam's award-winning products are deployed by law enforcement and public safety organizations, government and transportation agencies, major enterprises, healthcare and educational institutions, and local communities worldwide. For more information about transforming video surveillance into actionable intelligence, visit [www.briefcam.com](http://www.briefcam.com).