# BriefCam
## The Video Synopsis Company



ALAVA
INGENIEROS

BriefCam
The
Video
Synopsis
Company

# BriefCam · The Video Synopsis Company

## Company Profile

- Right now, cameras worldwide are recording video.
- To date, most video could never be reviewed.
- With BriefCam, users can browse hours of video in minutes.
- The result: More efficient, timely and effective video review.

## BriefCam lets you get to the point. Fast.

BriefCam® fulfills the global need to review video, investigate and identify incidents rapidly, and take action as needed. BriefCam's award-winning Video Synopsis® technology enables rapid video review. On average, one hour of video can be "synopsized" down to one minute of review time. All BriefCam products integrate human experience, intelligence and intuition as a vital part of the search and review process. The mind and eye are always engaged.

## Awards

BriefCam's technology and products have been recognized as innovations by the security industry and technology media, with awards from SIA, ASIS, BSIA-IFSEC, the Wall Street Journal, Israel HLS and many others.

## Partners

BriefCam supplies video surveillance vendors with a product add-on that sets them apart from the competition. Partnerships range from integration and technology agreements to a fully embedded BriefCam Syndex client. BriefCam works with national and local integrators.
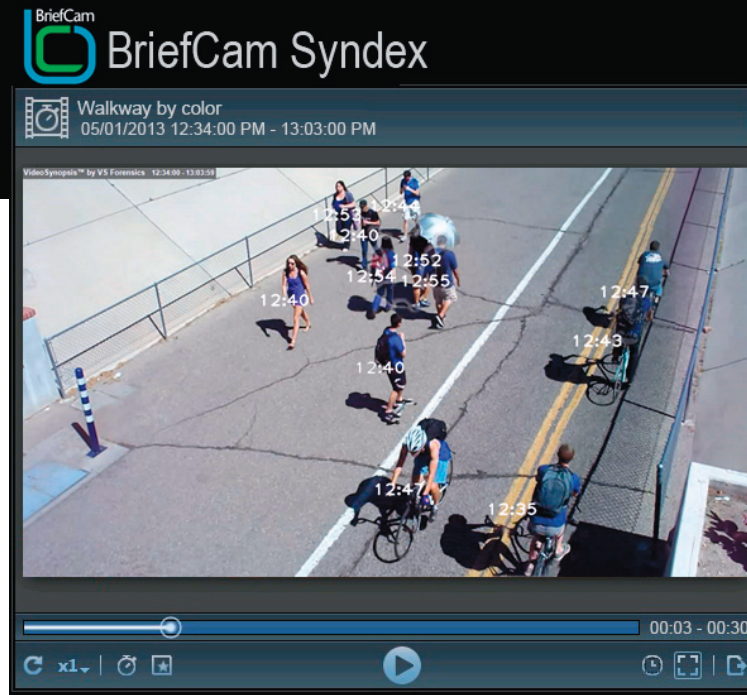
## Market

BriefCam enables rapid video review for decision support, security, safety and fast action. BriefCam also serves as a productivity enhancement tool for organizations, enabling users to extract value from video that previously had gone unwatched. Current installations range from single-use sites to large-scale projects.

## Customers

BriefCam Syndex is geared towards a range of user groups and market verticals. Customers include police, military, border control and other Homeland Security agencies, as well as security operations at municipalities, transport, building and campus security offices, loss prevention and more.

## Company

Founded in December 2007, BriefCam is a privately-held company headquartered in Modi'in, Israel with subsidiaries in Connecticut, USA and Shanghai, China.

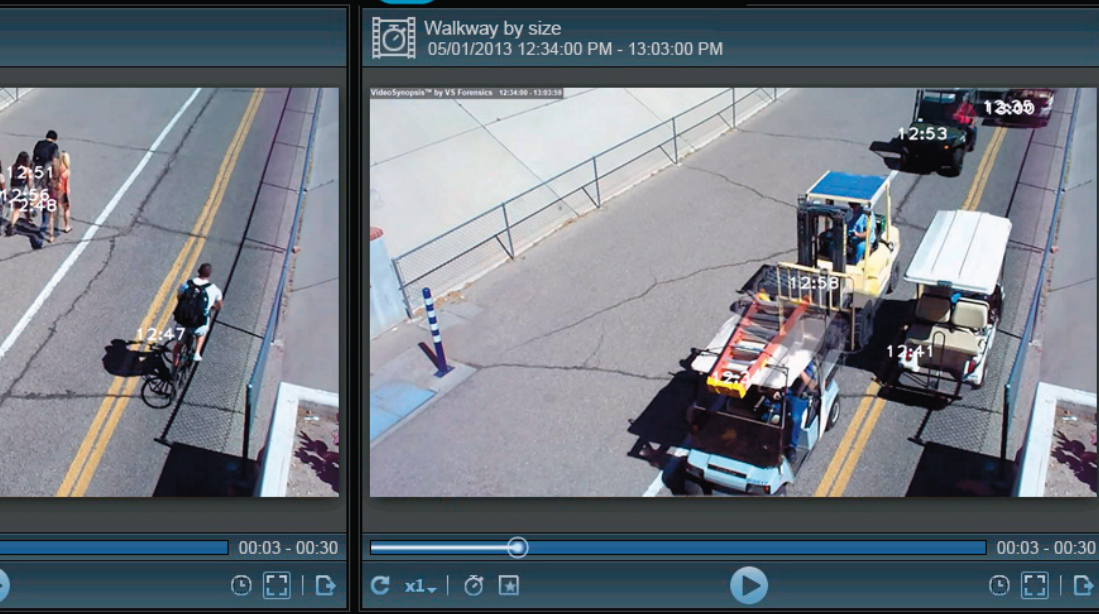Refine by color                                    Refine by direction

## About Video Synopsis

Video Synopsis is BriefCam's major innovation, a patented, award-winning image-processing technology. Video Synopsis provides a very short representation of a long time period while preserving all essential activities of the original video. This is done by presenting multiple objects and activities simultaneously – even if they have occurred at different times – and is performed in three stages.

- Ingest: As it is fetched, the video is analyzed, separated into background (static, non-moving objects) and foreground (dynamic, moving objects). The moving objects are extracted and inserted into a database.

- Synopsis: The user specifies a time period of interest (e.g. last 24 hours), and all relevant objects and backgrounds for the specified period are extracted from the database. The Video Synopsis is generated from these objects and backgrounds. Because objects are shown simultaneously, even though they occurred at different times, the resulting Video Synopsis is very short.

- Index: The user selects an object of interest. This object points to and indexes back to the original video. The basic Video Synopsis can be further augmented by allowing users to search video according to attributes: size, color, speed, direction and location within the frame. The unique "Similar to This" function enables users to search their video according to hard-to-define, "I'll know it when I see it" attributes. As in any search engine, results can be ranked in order by probability – from highest to lowest,depending on how well they match the search criteria – ensuring that the most relevant events of interest are presented first.



Video Synopsis is the simultaneous presentation of objects, events and activities that occurred at different times.

Refine by size

## Products

The new BriefCam Syndex product range offers a powerful set of video review tools for locating events of interest so that users can reach targets more quickly than ever before. With BriefCam Syndex, users gain access to immediate, actionable information from their video for decision support, security and safety applications.

BriefCam Syndex is offered as a standalone product intended mainly for law enforcement and individual security investigators (FS) and for investigative teams (FS+), or as an integrated / embedded product within the VMS environment for medium-sized enterprises (EP) and large/growing ones (EP+). BriefCam Syndex enables law enforcement, security officers and others responsible for the post-event and/or routine review and investigation of large quantities of video files to review hours in just minutes.

Users can pinpoint events of interest, reach targets quickly and take the required action using BriefCam Syndex, an advanced product based on BriefCam's award-winning Video Synopsis technology for rapid, accurate video review. In addition to offering a powerful set of tools for fast video review, BriefCam Syndex augments the basic Video Synopsis by allowing users to search video according to parameters that they define: size, color, speed, area and direction. All parameters are under the user's control. The unique "Similar to This" function enables users to search their video according to hard-to-define, "I'll know it when I see it" attributes.

Like all good search engines, BriefCam Syndex ranks the results in the Video Synopsis in order by probability – from highest to lowest, depending on how well they match the search criteria – ensuring that the most relevant events of interest are presented first.

BriefCam Syndex integrates human experience, intelligence and intuition as a vital part of the search and review process.

The mind and eye are always engaged.

With BriefCam Syndex, users gain access to immediate, actionable information from their video for decision support, security and safety applications.

# BriefCam Syndex FS / FS+
## Video Synopsis for Law Enforcement

## Benefits

- Discover previously unreported/undiscovered events
- Get better evidence, faster
- Used successfully by law enforcement and investigative agencies worldwide
- Reduce manpower time and costs
- Integrates the user's experience, intelligence and intuition
- Export and share investigation information
- Object attribute control further reduces review time
- Standalone. No integration needed
- For large teams of investigators working on multiple cases (FS+ only)
- Offline video investigations can be synchronized to the central database (FS+ only)

## Key Features

- Accepts video from a wide range of sources and formats
- Control object attributes (e.g., size, direction, color, speed)
- Hours of video can be reviewed in minutes
- 1-click event selection indexes back to the original video
- 1-click export of Video Synopsis and/or original video
- Bookmark and annotate objects for team collaboration
- Area of Interest/Area of Exclusion
- Easy to install and operate
- Case management/permissions for team investigations (FS+ only)
- Accommodates centrally connected and/or offline clients (FS+ only)
- Highly scalable: DB capacity, users and servers (FS+ only)

## Recommended Requirements: FS

- CPU: Quad Core (e.g. Intel i7-3770, 3.50GHz)
- Memory: 8G RAM
- Available disk space: 1TB
- OS: Windows 7, 64-bit (.NET4.0)
- Dedicated graphics card
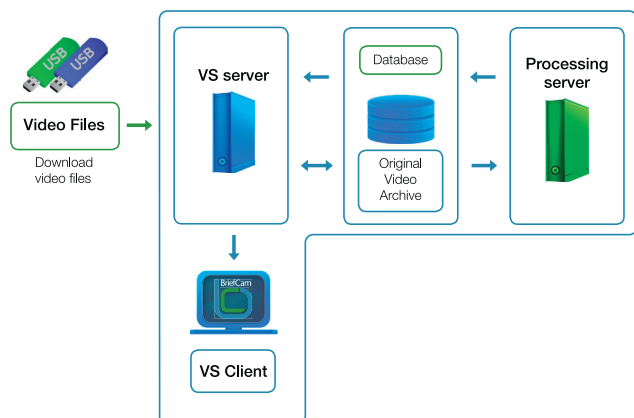
## Recommended Requirements: FS+

### Server Requirements

- CPU: 6 Core (e.g. i7-3930k 3.2GHz or Intel Xeon E5-1650 3.2GHz or equivalent)
- Memory: 16GB RAM
- Available disk space:
  Primary disk (SSD): 100GB (for the OS)
  Secondary disk: 2TB (for the application & DB)
- Operating System: English Windows server 2008 R2, 64-bit, SP1 (.NET4.0)
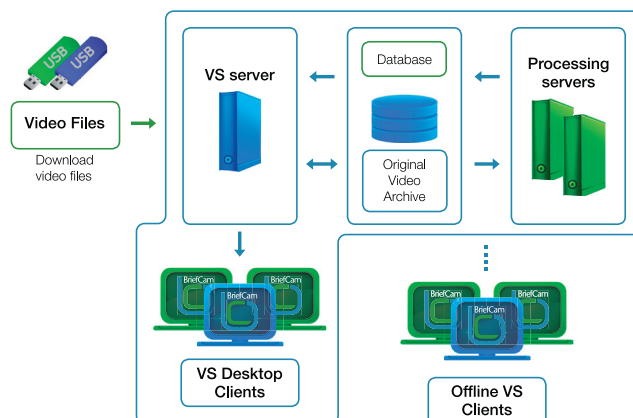- Network Card: 1Gb LAN

### Client Requirements

- CPU: Quad Core (e.g. Intel i7-3770 3.50 GHz)
- Memory: 8GB RAM
- Operating System: Windows 7, 64-bit (.NET4.0)
- Network Card: 1Gb LAN
- Dedicated graphics card

## BriefCam Syndex FS System Architecture



## BriefCam Syndex FS+ System Architecture

# BriefCam Syndex EP / EP+
## Video Synopsis for VMS Environments

## Benefits

- Discover previously unreported/undiscovered events
- Maximizes existing camera/VMS investment
- Get better evidence, faster
- Used successfully by enterprises worldwide
- Reduce manpower time and costs
- Integrates the user's experience, intelligence and intuition
- Export and share investigation information
- Object attribute control further reduces review time
- Support for large and growing video surveillance environments (EP+ only)
- Offline video investigations can be synchronized to the central database (EP+ only)

## Key Features

- Video Synopsis functionality embedded within the VMS
- Supports leading VMS brands
- Control object attributes (e.g., size, direction, color, speed)
- Hours of video can be reviewed in minutes
- 1-click event selection indexes back to the original video
- 1-click export of Video Synopsis and/or original video
- Bookmark and annotate objects for team collaboration
- Area of Interest/Area of Exclusion
- Easy to install and operate
- Case management/permissions for team investigations (EP+ only)
- Accommodates centrally connected and/or offline clients (EP+ only)
- Highly scalable: DB capacity, cameras, users and servers (EP+ only)

## Recommended Requirements: EP & EP+

### Server Requirements

- CPU: 6 Core (e.g. i7-3930k 3.2GHz or Intel Xeon E5-1650 3.2GHz or equivalent)
- Memory: 16GB RAM
- Available disk space:
  Primary disk (SSD): 100GB (for the OS)
  Secondary disk: 2TB (for the application & DB)
- Operating System: English Windows server 2008 R2, 64-bit, SP1 (.NET4.0)
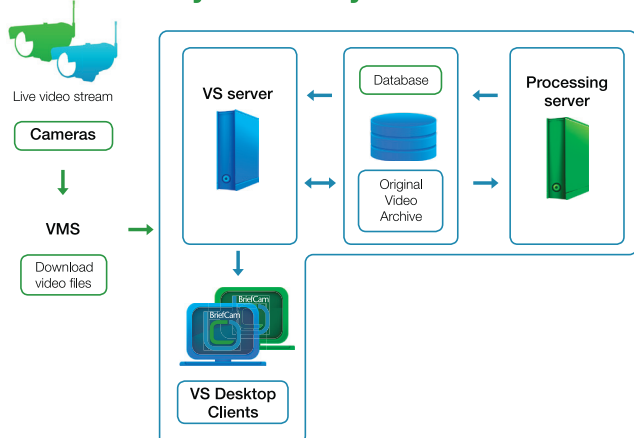- Network Card: 1Gb LAN

### Client Requirements

- CPU: Quad Core (e.g. Intel i7-3770 3.50 GHz)
- Memory: 8GB RAM
- Operating System: Windows 7, 64-bit (.NET4.0)
- Network Card: 1Gb LAN
- Dedicated graphics card

### BriefCam Syndex: Product Selection Guide

| Usage | Video source | No. of Cameras | No. of Clients | Client Type | Scalability | H/W |
|---|---|---|---|---|---|---|
| BriefCam Syndex FS | Video files | N/A | 1 | Online | X | Single server |
| BriefCam Syndex FS+ | Video Files | N/A | 5+ | Online & offline | ✓ | Multiple servers |
| BriefCam Syndex EP | VMS cameras/files | 50 - 200 | 2 | Online | X | Single server |
| BriefCam Syndex EP+ | VMS cameras/files | 100 - unlimited | 2+ | Online & offline | ✓ | Multiple servers |

## BriefCam Syndex EP System Architecture



## BriefCam Syndex EP+ System Architecture