

# Wavestore integrates...

## Digital Barriers SafeZone & SafeZoneEdge IVA



### Overview

Digital Barriers SafeZone's award-winning video analytics provides reliable and more affordable automated intrusion detection. Digital Barriers' unique processing engine is able to scrutinise events in 3D for an enhanced interpretation of suspicious activity and its easy to deploy, saving security providers time and money by analysing video from monitored zones, and filtering out nuisance alarms. It ignores environmental effects like poor weather, camera shake, moving foliage and shadows that account for costly time-consuming false alarms.

It's one of the few edge-based video analytics solutions to have been certified by the UK Government as an i-LIDS approved primary detection system, both for operational alert use and as an event-based recording system in sterile zone monitoring applications.

Wavestore's integration with Digital Barriers 'SafeZone' and 'SafeZoneEdge' Intelligent Video Analytic (IVA) solutions enables events triggered by Digital Barriers to be received by Wavestore's Video Management Software (VMS) in order to deliver a truly unified security solution that combines powerful video, data and audio management with leading IVA capability. Wavestore can distinguish between specific events sent by Digital Barriers and trigger individual responses to those events.

### Server side - SafeZone

Wavestore VMS servers and Digital Barriers SafeZone servers are connected to each other via the network. Data is pushed from the SafeZone server into the Wavestore server when an event is triggered. This data is sent to,



stored in, and accessed from the Wavestore 'Metadata Engine', which needs to be specified at the time of order. The data pushed to the Wavestore Metadata Engine by the SafeZone server can be associated with any number of cameras and specific actions triggered depending on the event, such as move a PTZ camera to a specific pre-set position. It is also possible for the Wavestore server to re-stream video into the SafeZone server to save on additional streams having to be pulled from the camera. Wavestore's VMS can be installed on Wavestore's own range of servers and appliances, or on a host of compatible third party servers and appliances, delivering video, data and recording management across the end-customer's site. Digital Barriers SafeZone server provides full administration, control and management across the end customer's site for IVA functionality.

### Server side - SafeZoneEdge

Digital Barriers SafeZoneEdge is an on-camera application that does not require the use of a central Digital Barriers server. Instead, data is pushed from the camera directly into the Wavestore 'Metadata Engine' from the camera itself. The data pushed to the Wavestore Metadata Engine by SafeZoneEdge can be associated with any number of cameras and specific actions triggered depending on the event, such as move a PTZ camera to a specific pre-set position.

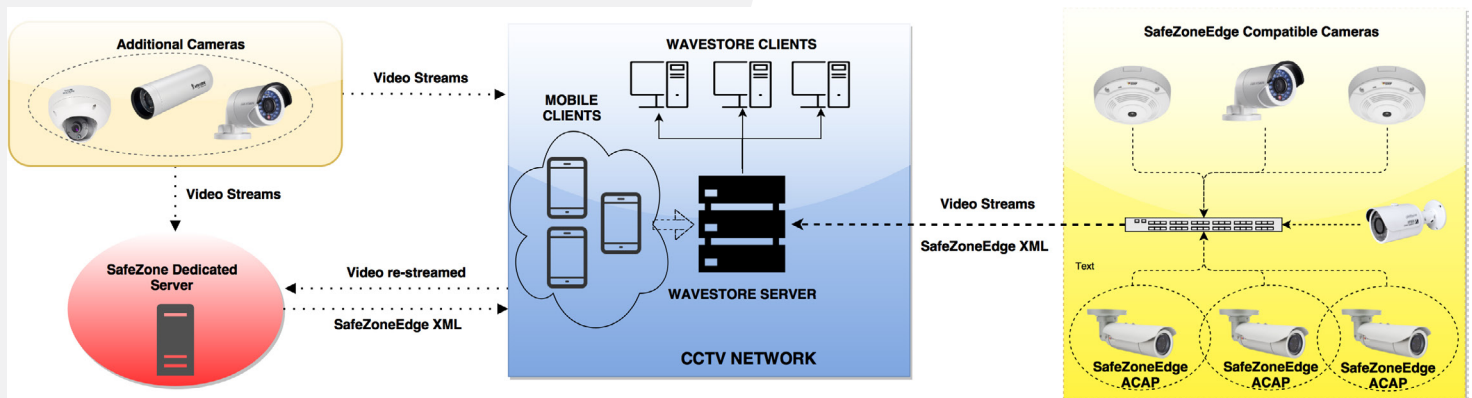
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### Client side

Wavestore's 'WaveView' client software can be installed on multiple client machines to access the Wavestore server(s). WaveView provides complete live monitoring and playback control of cameras and other devices as well as enabling events from Digital Barriers SafeZone and SafeZoneEdge to be monitored and controlled from the same screen. This allows the operator to view live video, search for events or manage triggers linked to intrusion events either in real time as they happen or via post-event interrogation. Thanks to the Wavestore's 3-click evidential export function, operators are then able to easily stitch together video from time-synchronised events from one or multiple cameras simultaneously into a variety of file formats, and create a storyboard of events with a sequence of cameras, including virtual PTZ control of 360° fisheye cameras.



## Main Features of the integration

- Wavestore and Digital Barriers together provide a best-in-breed solution for video, audio, data and Intelligent Video Analytics
- Wavestore can parse different event types: INTRUSION, PRESENCE, PASSAGE and CONDITIONAL
- Easily search IVA events from any keyword, such as zone, alarm type or any other database credentials and instantly bring up video and archive using Wavestore's 3-click evidential export function from associated cameras
- Benefit from real-time, on alarm and easily searchable post-event viewing
- Set user-definable actions upon triggering of different event types, such as move PTZ camera or alert security staff
- Associate multiple cameras to one or more event
- One screen, total control – Just one operator screen to seamlessly manage events from CCTV, access control, intruder detection and other integrated technology
- Ability to trigger automatic responses based on specific events, such as directing PTZ cameras on alarm. Other actions include controlling recordings, switching display contents for all or specified users, and e-mailing images and other information, all using configurable Wavestore 'rules'.

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### About Wavestore

Wavestore's truly independent open platform Video Management Software (VMS) enables users to achieve maximum return on investment from their security solution by unlocking its full potential.

Sitting at the very heart of a security system, Wavestore combines powerful 'any source' video, audio and recording management with deep integration across multiple technologies from a wide range of third-party technology providers. These include leading camera, video analytics, access control, recording and sensor providers, making it possible for users to effortlessly operate, monitor, control and manage a best-in-breed total security solution – and all from a single screen.

WEBSITE:

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### Digital Barriers

### About Digital Barriers

Digital Barriers are world leaders in visually intelligent solutions for the global surveillance, security and safety markets, specialising in zero-latency streaming and analysis of secure video and related intelligence over wireless networks, including cellular, satellite, IP mesh and cloud.

WEBSITE:

**digitalbarriers.com**

**For further information, please visit the  
'Technology Partner' section of Wavestore.com**



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