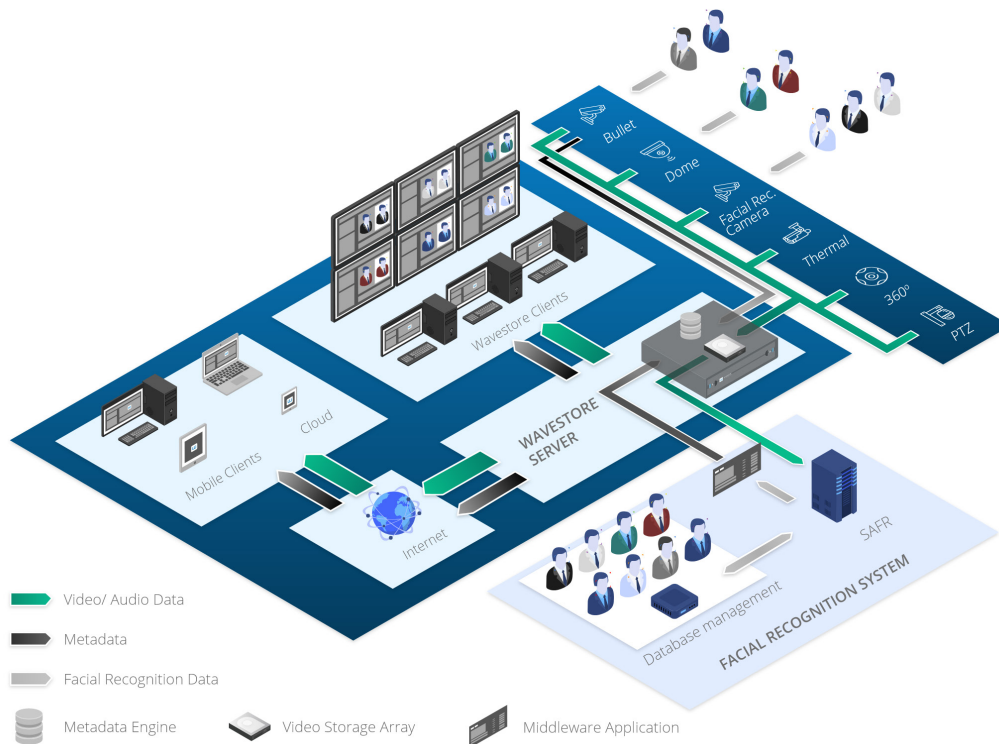


# SAFR Facial Recognition

Wavestore's integration with SAFR's highly accurate machine learning facial recognition platform enables security solutions to detect and match millions of faces in real time.



With the ability to pull all stored data related to a person, including name, number plate and phone number, Wavestore's metadata engine can be used to forensically search after an event. Furthermore, events can be triggered using the 'Cause and Effect' event rules engine, such as an alarm when a person of interest is detected.

## Server side

In Wavestore VMS servers and SAFR Systems are connected to each other via the network. To facilitate this, the SAFR Module needs to be specified at the time of order to enable the integration on the Wavestore VMS server. Once connected, operators can utilise Wavestore's Events Engine to create alerts and rules which can then trigger actions or connect with other integrated technologies. For example, when a person of interest is detected, access control or audio systems can be switched on and security personnel alerted. The SAFR software performs 24/7 monitoring using a Centralized Knowledge Bank, which provides a central storage of known faces and monitoring activity that is always up to date.

Wavestore's VMS can be installed on a host of third-party servers, or on units from Wavestore's own range. Wavestore's PT-Series appliance is perfectly suited for medium-sized applications, delivering video, data and recording management across the end-customers site.

## Client side

Wavestore's WaveView client software application 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 data from the SAFR system to be monitored and controlled from the same screen.

This allows the operator to view live video, search for events or manage triggers linked from facial recognition events either in real time as they happen or via post-event interrogation, including bringing up video from text search such as a subject's name. Operators are then able to easily stitch together video from time-synchronised events using Wavestore's 3-click evidential export function.

## Key features

- Register known security threats and opted-in staff and VIPs to improve customer experience, quickly identify emerging security incidents, prevent loss, and gather actionable insights.
- One screen, total control – just one operator screen to seamlessly manage events from CCTV, facial recognition and other integrated technology
- Matches faces appearing on live video feeds in real-time with 98.87% accuracy so registered individuals are always spotted despite challenging real-world conditions.
- Use your preferred brand of camera for facial recognition capture – Wavestore is compatible with a wide range of vendors and technologies
- Whether identity verification is needed in-person or on a laptop or smartphone for remote authentication, SAFR accurately confirms user identity and prevents fraudulent spoofing attempts.
- Customise actions to trigger events, such as when a person of interest is detected which brings up access control actions or alerts security personnel
- Easily search for facial recognition events from any keyword, such as person's first name, surname or any other database credentials and instantly bring up video and backup using Wavestore's 3-click evidential export function from associated cameras
- View video of events in real time, such as subject of interest or VIP

## WAVESTORE INTEGRATES

# SAFR Facial Recognition

### What to order

To enable SAFR Facial Recognition integration with Wavestore's VMS, please order the following for each Wavestore Video Server/ NVR:

INT-WS-SAFR-01 - Integration module for full one-way communication between Wavestore and SAFR. Order one per Wavestore Video Server/ NVR.

The SAFR integration module is compatible with Premium, Enterprise and Ultimate level channel licenses.

If you require any additional assistance, please contact Wavestore via: [info@wavestore.com](mailto:info@wavestore.com)



### About Wavestore

Wavestore, the British developer of innovative open platform Video Management Software (VMS), supports you every step of the way to help you effortlessly unlock the full potential of your client's security solutions and maximise their return on investment, while providing you with a reliable and independent open platform VMS partner who can make even the most complex integrations simple.

Completely independent and open-platform, Wavestore's VMS delivers powerful video recording, storage and event management coupled with seamless integration to third party devices and sub-systems - including cameras, access control, advanced video analytics, intruder detection, EPoS and video walls, to name but a few, from the world's leading vendors.

Wavestore's 'One screen, total control' philosophy makes it possible to manage everything from the smallest standalone site to the largest and most complex multi-site and multi-technology security solutions efficiently and easily from a single client computer or mobile device, bringing together video, audio and metadata to fully meet the requirements of your specific application.

**Website:** [wavestore.com](http://wavestore.com)

**Contact:** [info@wavestore.com](mailto:info@wavestore.com)



### About SAFR

SAFR from RealNetworks is a visual intelligence platform specializing in face and person-based computer vision optimized for real-world performance.

Building on a 25-year legacy of digital media expertise and innovation, RealNetworks has created a new generation of products that employ best-in-class artificial intelligence and machine learning to enhance and secure our daily lives. A US-based public company, RealNetworks has maintained a global presence.

**Website:** [safr.com](http://safr.com)

**Contact:** [safr.com/for-more-information](http://safr.com/for-more-information)



Email: [info@wavestore.com](mailto:info@wavestore.com)  
Visit: [wavestore.com](http://wavestore.com)

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GLOBAL HQ (EMEA)  
Wavestore Global Ltd.  
Tel: +44 (0) 1895 527 127

USA/CANADA  
Wavestore Americas Inc.  
Toll-free: 855-526-8887

MIDDLE EAST  
Wavestore Middle East  
Tel: +971 (4)881 2903

