



# The Best-Performing Face Recognition for Live Video

## Transform video feeds into streams of actionable data

With an ever-growing number of surveillance cameras in use, it's impossible for security professionals to have eyes on every video feed every minute. Face recognition is a force multiplier. Wavestore matches faces appearing on live video against watchlists more effectively, and with less bias, than humans — freeing up security personnel to manage emerging incidents in real time and giving them the information they need to respond to persons of interest more quickly.

### Always on, always accurate

Wavestore uses deep learning to help security teams recognize when an emerging incident would benefit from closer review by a surveillance operator or immediate response from a nearby security officer.

With no gaps in service and a secure central knowledge bank of past incidents and known persons of interest, Wavestore makes security teams more efficient and effective. Wavestore is 99.87% accurate and able to recognize a face on live video in less than 100 milliseconds.

### Enhanced intelligence for VMS

Wavestore can be deployed as a standalone solution or as a smart layer over your current VMS.

Reduce alarm fatigue, false positives/negatives, and access-point delays while enhancing situational awareness within a familiar interface.

#### Video Overlays

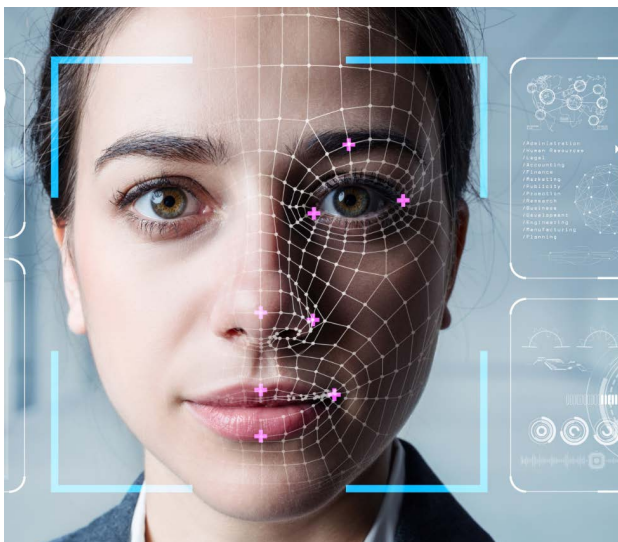
Live video overlays automatically identify anyone on custom or third-party watchlists as they appear on video feeds. Track known threats, at-risk individuals, and opted-in VIPs and employees.

#### Configurable Alerts

Custom alarms instantly notify security personnel when persons of interest enter or leave a monitored area. Easily configure a variety of automated responses to detection and recognition events.

#### Automatic Bookmarks

Bookmarks containing rich, searchable metadata allow for more-efficient post-event investigation and compliance reporting, and help defend against frivolous lawsuits.




## Why Wavestore? It works.

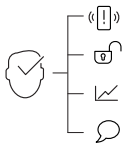
Not all facial recognition systems are created equal. Wavestore can instantly detect and accurately match millions of faces in real time – even in challenging real-world conditions where faces are in motion, at difficult angles, under poor lighting conditions or partially obscured. NIST tests have consistently found Wavestore to be the fastest among the most-accurate systems, as well as among the least-biased algorithms. This combination of speed, high accuracy and low bias means that Wavestore is more likely to return correct matches across faces of all skin tones and genders more quickly than our competitors. Sometimes you get only one look at a face. With Wavestore one look is enough.

 **99.87%**  
LFW ACCURACY

**Fast & Accurate** – Wavestore is 99.87% accurate and can detect and match a face in a live video feed in under 100 milliseconds – 3-5 times faster than competing facial recognition algorithms.

 **<100ms**  
RECOGNITION  
SPEED

**Actionable** – Wavestore provides live security analytics with rich metadata. View traffic volumes, demographic composition, dwell times and more. Configure custom reports, alerts and auto-actions based on detection and recognition events – from sending a message to security guards to initiating a building lockdown.



**Secure & Private** – Wavestore uses bank-level encryption on all face signatures and images in transit or at rest. If run on premises or embedded on device, Wavestore passes no data over the internet. Built with privacy by design principles, Wavestore makes it easy to configure data retention settings and manage opt-in/opt-out lists.

  
**AES-256**  
ENCRYPTION

Windows  
macOS  
**Linux**  
android  
iOS

**Deployment Neutral** – Wavestore can be deployed on a single computer to monitor a handful of video feeds, or scaled to thousands of cameras. The software can be hosted on premises or in the cloud, or deployed on even the most constrained camera-equipped devices with Wavestore SDKs.



**Distributed & Flexible** – Wavestore uses a distributed architecture to consume bandwidth more efficiently than many facial recognition providers. With the Wavestore system's edge intelligence for detection, recognition on the server, compatibility with off-the-shelf hardware and ability to leverage inexpensive GPUs, adding face recognition to your security tools is easier and more cost effective than you might think.

*Contact us to learn more about our competitively low total cost of ownership.*

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Retail • Smart Cities • Law Enforcement

For more information visit: [Wavestore.com](https://www.wavestore.com)

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