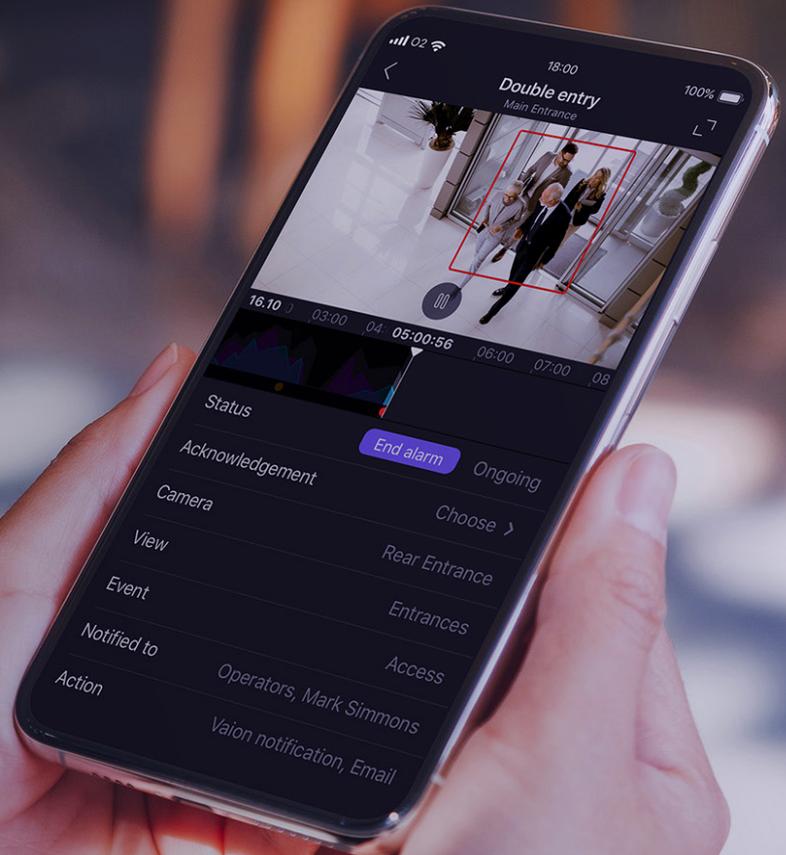# AVA

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Summary Brochure | 2022

Ava Cloud Video Security

Ava Cloud Video Security

Rethink security and bring Ava's cloud-native open data platform with full analytics and operational insights to your existing cameras and systems.

Detect threats and anomalies in real time with AI-powered security

Deploy Ava Cloud Cameras with integrated analytics and onboard storage

Get started quickly and manage with ease

Stay protected from cyberattacks and updated through the cloud

Search faster and more accurately

Get analytics from all your cameras, all the time, in a unified, single view

Optimize operations with insights

Enjoy secure web and app access from anywhere in the world

Extend to the tools and systems that you use every day

Reduce bandwidth usage and get high-quality footage

An open video security data platform at your fingertips

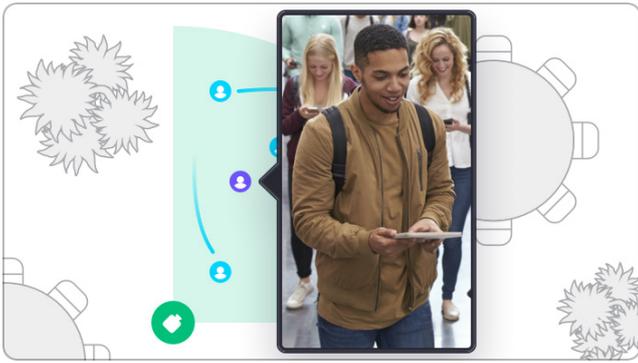Ava Compact Dome®
Ava Dome®
Ava 360®
Ava Bullet™
Ava Quad™
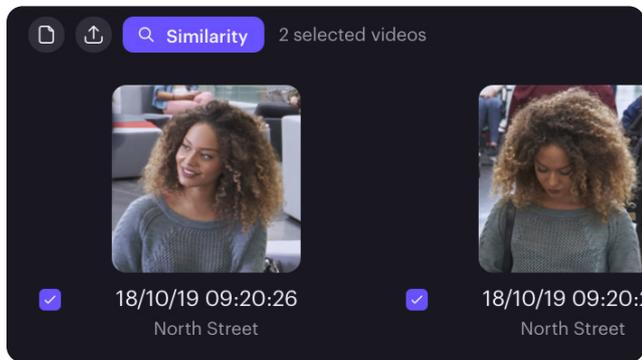
Ava Aware Cloud® Video Management System

Ava Cloud Connector™

Why Ava?

Map view with Smart Presence™

Add maps of all your locations and facilities in Aware to gain enhanced situational awareness and insights. Each map can be configured and includes camera views, alarm views, as well as the ability to track and count people, vehicles, and other objects as they move on your premises.

Video view with Spotlight

Powered by deep learning, Aware uses Spotlight to change video streams dynamically to bring only the relevant feeds to the operators' attention. Real-time alerts and notifications pop up on the video wall to describe the incident, the time, and the place it occurred.

Fast investigations with Smart Search™

Search by event and similarity, and perform appearance and image detection powered by machine learning to comb through countless hours of video throughout your entire deployment. Reduce forensic investigation time from days to minutes, and gain more efficiency and accuracy with the same number of operators.
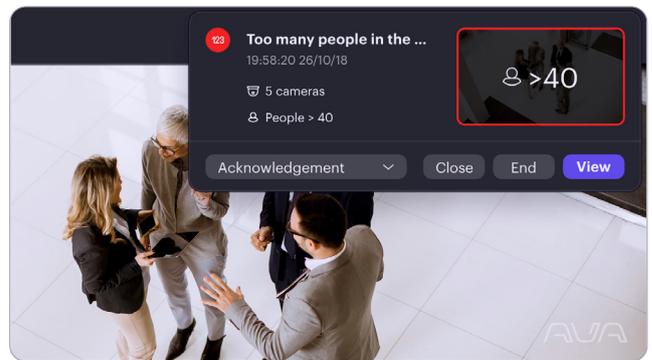

Occupancy counting

With occupancy counting, security operators and administrators can monitor large facilities to keep a rolling total of the current occupancy of people and vehicles of defined locations. Additionally, in-view area counting can be used to monitor specific areas where people are congregating.

Reduce bandwidth and get high-quality video

Ava Smart PathTM minimizes bandwidth consumption and keeps video local using unique and innovative technology such as WebRTC intelligent routing and AI-based bandwidth and storage optimization, alleviating a key customer concern.
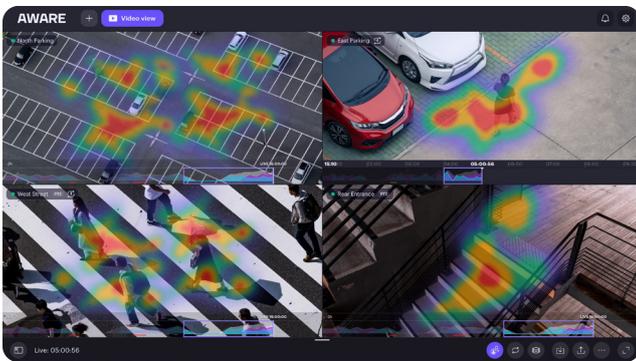

Single View™

See and manage all your Ava and third-party devices across all deployments in a single pane of glass, regardless of whether they are directly connected to the cloud, or physically tethered to the Cloud Connector.
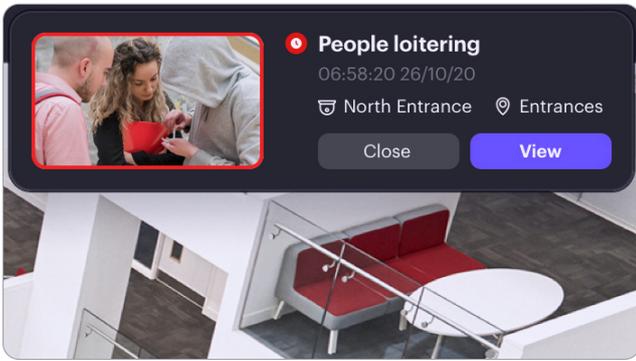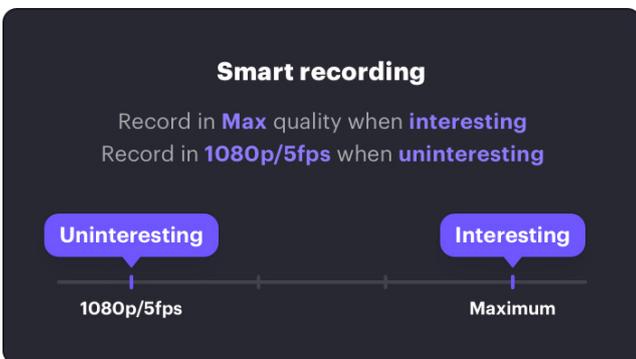
Anomaly detection in real-time

Use rules-based templates to define scenarios where you want to be notified when specific events occur, such as loitering, line crossing, fire exit access, and more. Aware leverages advanced object identification to monitor and detect unusual events and behaviors and sends alerts and notifications in real-time.

Mobile app (Android, iOS)

With the Ava Aware Android and iOS apps, we offer users a set of features that mirrors the Aware web client, from seeing and managing alarms to viewing live video or playback. Users will experience a natural, smooth transition from web to mobile and vice-versa.
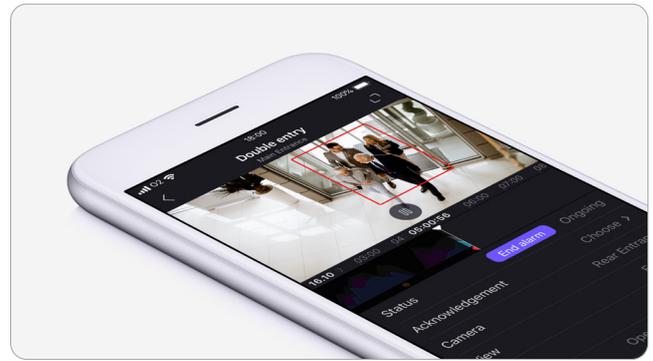

Heatmaps

Heatmaps are ideal for gaining more insights into retail, healthcare, schools and other educational facilities, public venues, hospitality locales, public transport, or federal government premises. The tool provides enhanced awareness of customer behavior, dwell times and congestions, transportation flows, suspicious activities, and more.

Secure sharing of recordings

Aware enables you to select clips of interest and then generate a link that you can send to relevant people, such as your Human Resources department or law enforcement authorities, for secure viewing. When they follow this link, they can view your selected video clip without needing access credentials for Aware. You can choose the access availability or allow the viewer to download.
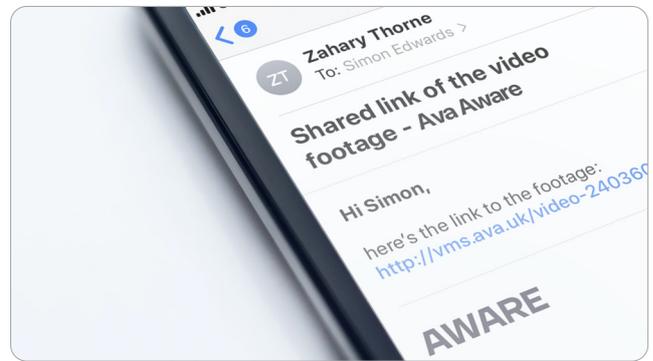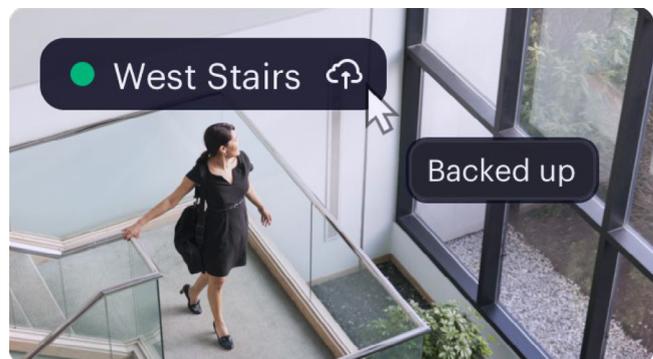

Smart Recording™

Smart Recording™ switches the resolution stream for all your camera recordings. It automatically records with maximum resolution when people and vehicles are present or interesting events occur and changes to as low as 360p or no recording at all when the activity disappears to save storage space.

Ava Cloud Storage™

Expand the storage of all your video footage into the cloud. Attain enhanced flexibility with easy access to your cloud archive, irrespective of connectivity and bandwidth demands. Leverage the machine learning-based Smart Recording™ feature to determine which activities or events are unusual and therefore important to be saved.
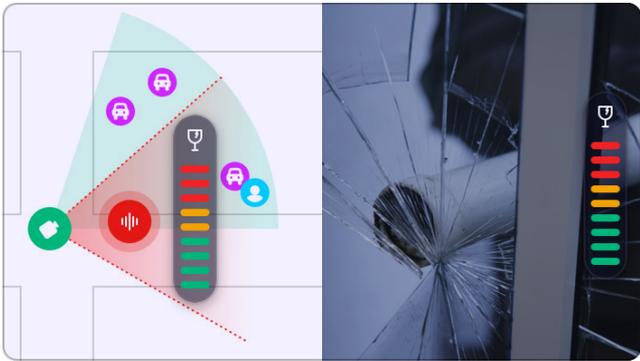
On-camera analytics

Ava's cloud-managed Dome, Compact Dome, 360, Bullet, and Quad security cameras integrate advanced intelligence via image recognition, machine learning, and directional acoustic sensors. Each camera also identifies specific sound patterns, like screaming, gunshots, breaking glass, ultrasound, car alarms, or loud noises, to determine the type of sound and direction*.

* Compact Dome and Quad have sound analytics, but cannot determine direction.

Always on security

With automatic software updates from the cloud, end-to-end encrypted data and metadata, and secure remote access from anywhere in the world, it's never been easier to prevent cybersecurity threats. We manage all your Ava products through the cloud, enabling a controlled, proactive process to keep your system always up-to-date.
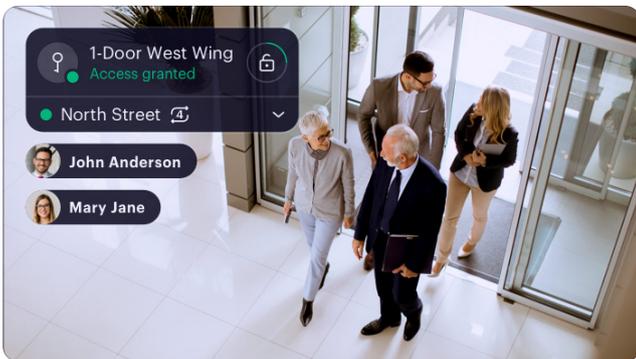
Open

Deploy Aware Cloud directly or use one of our highly performant Cloud Connectors to achieve a friction-free transition to the cloud, gain local storage capacity, and power your third-party cameras with AI analytics and storage. Integrate Aware with your existing security cameras, access control systems, dashboards, monitoring systems, sensors, cloud storage solutions, and APIs to get more value and visibility in a single view.

Ava Aware License Plate Recognition

Extend Ava Aware's powerful LPR solution to your existing security cameras. Say goodbye to dedicated license plate recognition cameras, expensive licensing, and lack of control. Get rules-based alerts for license plates of interest, speed up post-event investigations, and optimize operations based on vehicle analytics and business intelligence.

100% NDAA-889 compliant
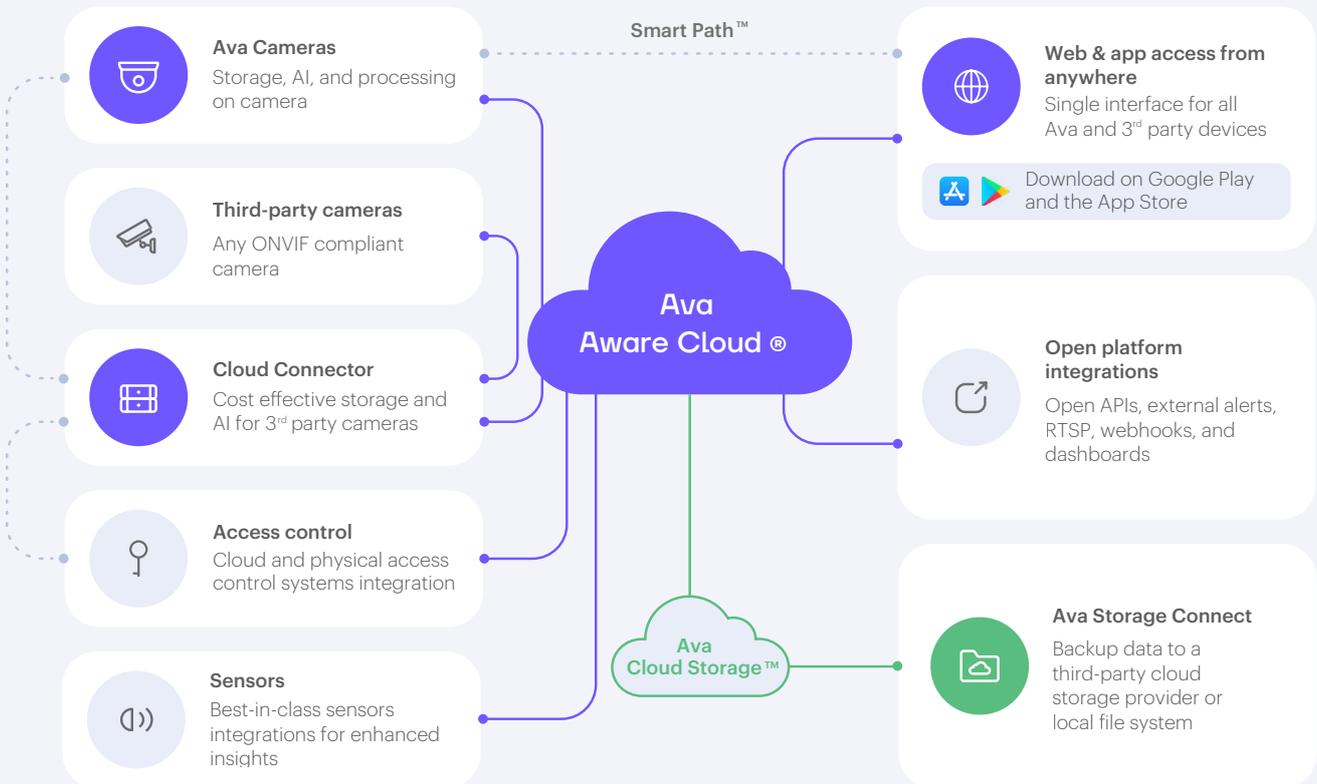
Ava's video security hardware adheres to the US Federal Government IT procurements guidelines and is 100% NDAA Section 889 compliant.

ISO 27001 certified

Ava's design, development, sales, implementation, and software support for cyber and video security, including cloud-hosted services with associated support services, including operational delivery, are ISO 27001 certified.

The solution – Simple, open, and scalable video security

Smart Path™

Ava Cameras
Storage, AI, and processing on camera

Third-party cameras
Any ONVIF compliant camera

Cloud Connector
Cost effective storage and AI for 3ʳᵈ party cameras

Access control
Cloud and physical access control systems integration

Sensors
Best-in-class sensors integrations for enhanced insights

Ava
Aware Cloud ®

Ava
Cloud Storage™

Web & app access from anywhere
Single interface for all Ava and 3ʳᵈ party devices

Download on Google Play and the App Store

Open platform integrations
Open APIs, external alerts, RTSP, webhooks, and dashboards

Ava Storage Connect
Backup data to a third-party cloud storage provider or local file system

AVA

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Ava Security is a Motorola Solutions company that delivers better, smarter security in the cloud.

Organizations use the Ava Aware Cloud® open video security data platform to protect people and operations, allowing them to optimize for their evolving business needs, giving them more time to spend on the possibilities ahead.

To learn more about Ava's intelligent solutions and how you can enjoy proactive security, visit our website or schedule a demo with a member of our sales team at **sales@avasecurity.com**.

www.avasecurity.com