

# Axis edge analytics

Streamline your operations by processing data right on an Axis camera.

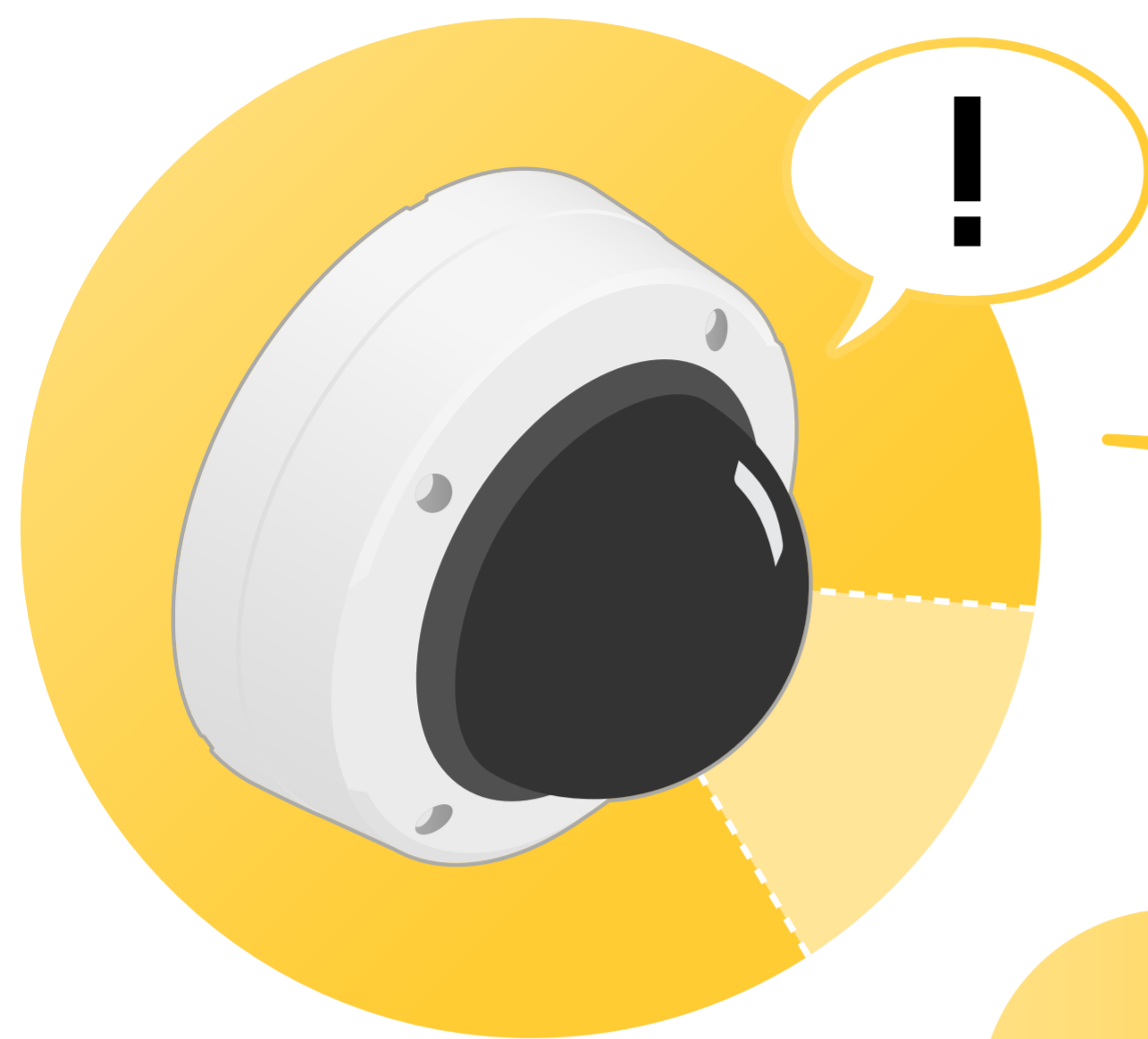
## What are edge analytics?

Edge analytics are analytics that process and analyze data right on the camera – close to where it's captured – rather than on a server or in the cloud.

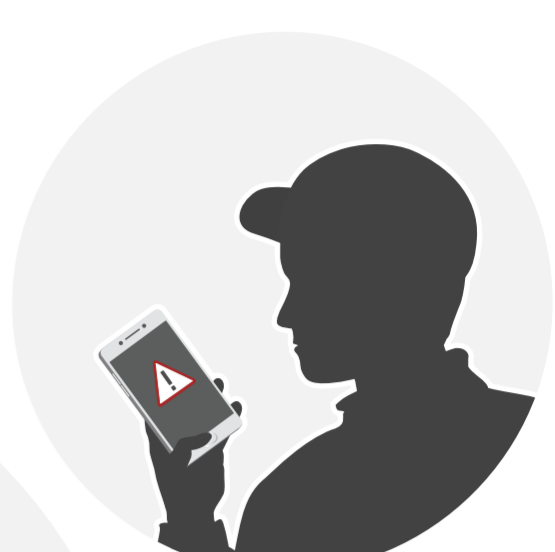


All new Axis cameras are AI-powered

Axis has a wide portfolio of cameras carefully engineered to deliver optimal image quality for great analytics performance.



Learn more about edge analytics in our Newsroom



## Why edge analytics?

Edge analytics add value in various ways, including creating a more efficient and easily scalable system. Benefits include:



Faster response time



Fewer servers



Easier set-up



Reduced network traffic



Better scalability



Better privacy



Fewer false alarms\*

\*thanks to uncompressed video

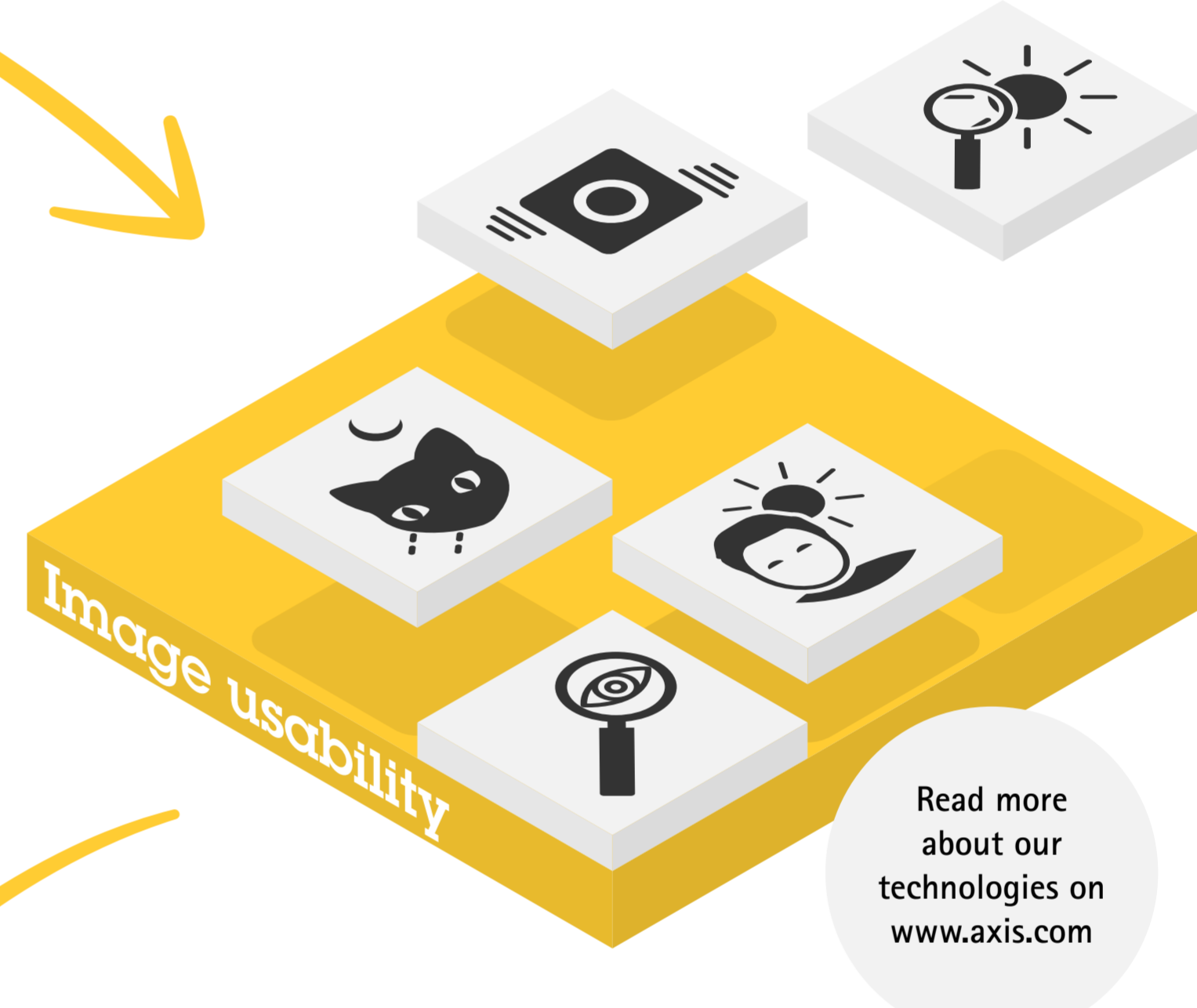
**ARTPEC**  
The heart and brain of every Axis camera is its system on chip (SoC)



Axis Communications won The Security Industry Association's (SIA) award 2022 for Advanced Imaging Technologies for the latest SoC, ARTPEC-8.

## Why edge analytics from Axis?

Our carefully selected AI-powered processors unlock new opportunities for advanced, intuitive analytics at the edge. Coupled with high-quality cameras and technologies, our system on chips (SoCs) enable excellent image quality and robust data analysis.



Read more about our technologies on [www.axis.com](http://www.axis.com)

## Axis image usability

High quality usable images and AI-powered analysis are key for extracting essential scene details. Our unmatched image-processing technologies include:

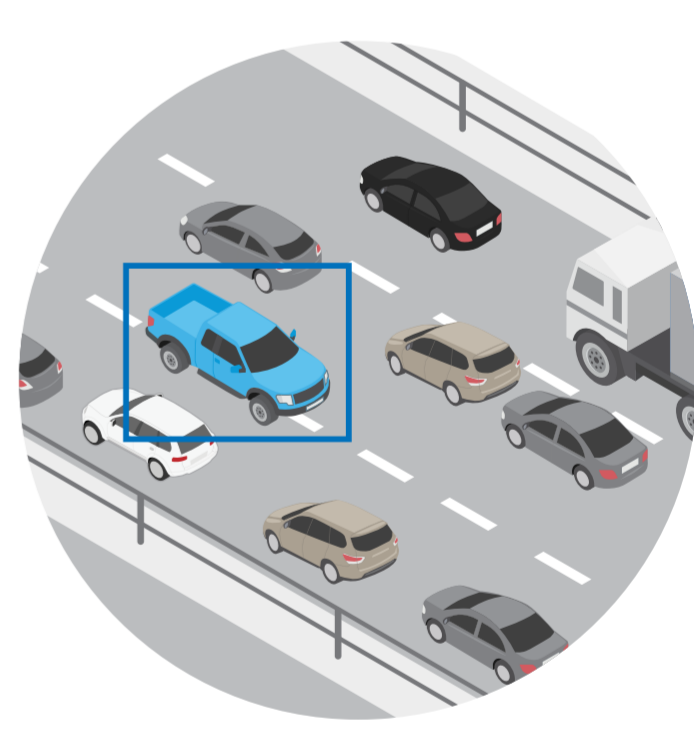
- > Axis Lightfinder 2.0 and Axis Forensic Wide Dynamic Range (WDR) for difficult light conditions
- > Axis OptimizedIR for surveillance in low light
- > Axis Electronic image stabilization (EIS)
- > Axis Scene Intelligence for accurate metadata

Axis edge-based analytics analyze uncompressed video, resulting in higher accuracy.



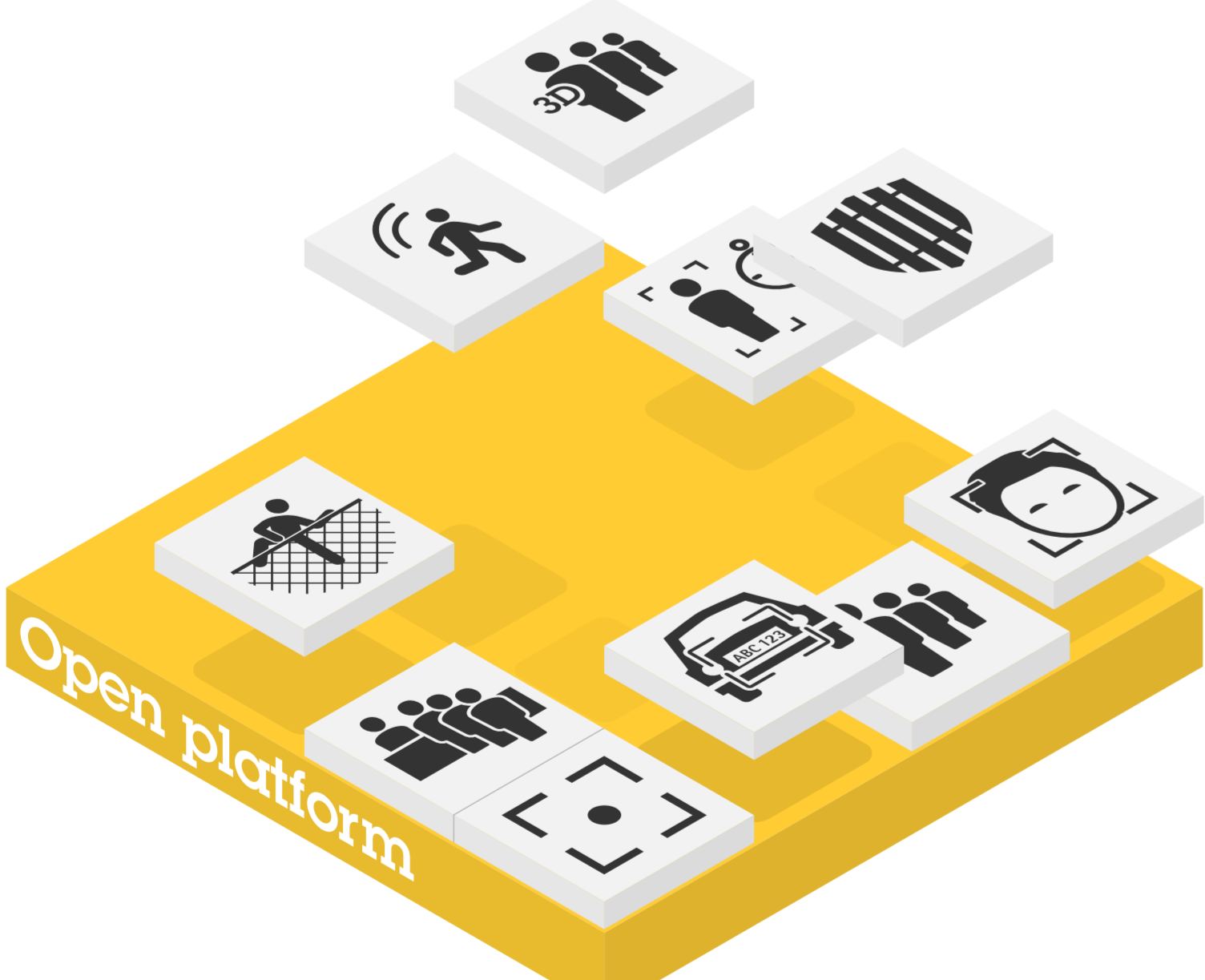
## Enhanced scene understanding

AXIS Scene Metadata boosts insights by pinpointing crucial scene details, enabling efficient analysis of past and present scenarios. This improved scene understanding allows for informed, proactive decisions, boosting operational efficiency.



## An open, secure system elevates analytics and edge innovation

The open Axis platform is behind our wide portfolio of analytics compatible with all major video management systems. AXIS Camera Application Platform (ACAP) enables our partners to develop tailored analytics applications at the edge, solving your specific challenges.



## Easy access to actionable insights

A robust video management system (VMS) is crucial, integrating cameras, storage, and analytics into a single control center for streamlined operation. Furthermore, analytics data can be gathered and showcased through comprehensive dashboards, providing a basis for well-informed decisions and valuable insights.

## Axis analytics portfolio:



AXIS Object Analytics

- Supported scenarios:
- > Object in area
  - > Line crossing
  - > Time in area
  - > Crossline counting
  - > Occupancy in area



AXIS Live Privacy Shield



AXIS Perimeter Defender



AXIS License Plate Verifier



AXIS Radar Data Visualizer



AXIS Speed Monitor



AXIS P8815-2 3D People Counter\*



AXIS People Counter\*



AXIS Face Detector



AXIS Audio Analytics



AXIS Scene Metadata

AXIS Fence Guard [LEARN MORE](#)

AXIS Loitering Guard [LEARN MORE](#)

AXIS Motion Guard [LEARN MORE](#)

AXIS Video Motion Detection [LEARN MORE](#)

AXIS Barcode Reader [LEARN MORE](#)

\* Utilize AXIS Store Reporter

Powerful edge devices can offload both cloud- and on-premises solutions.

Read more at [www.axis.com/analytics](http://www.axis.com/analytics)