

# Edge analytics

Add value to your video surveillance by processing video data right on an Axis camera.

## What are edge analytics?

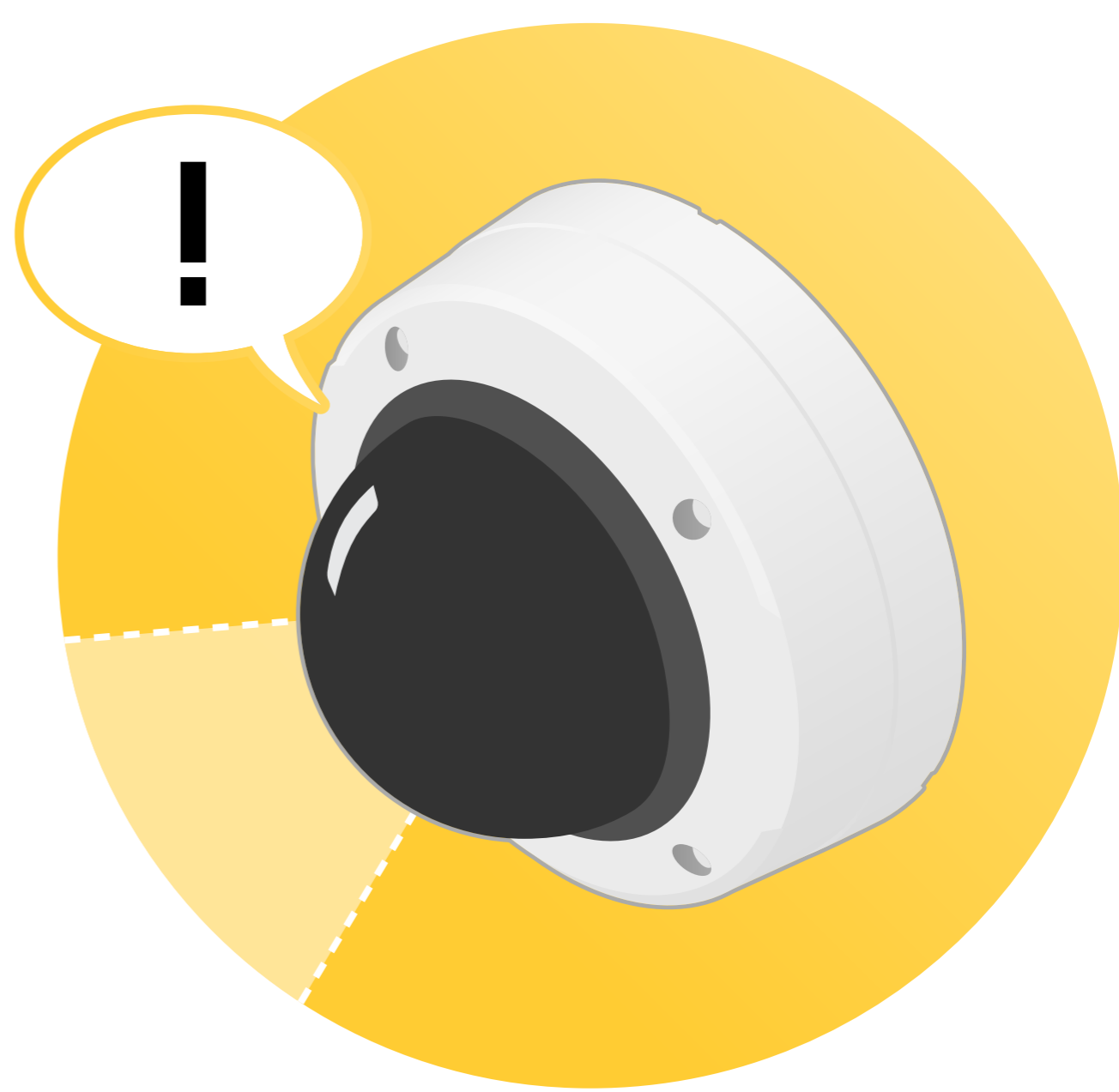
Edge analytics are video analytics that process and analyze video data right on the camera – close to where it's captured – rather than on a server or in the cloud.



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?

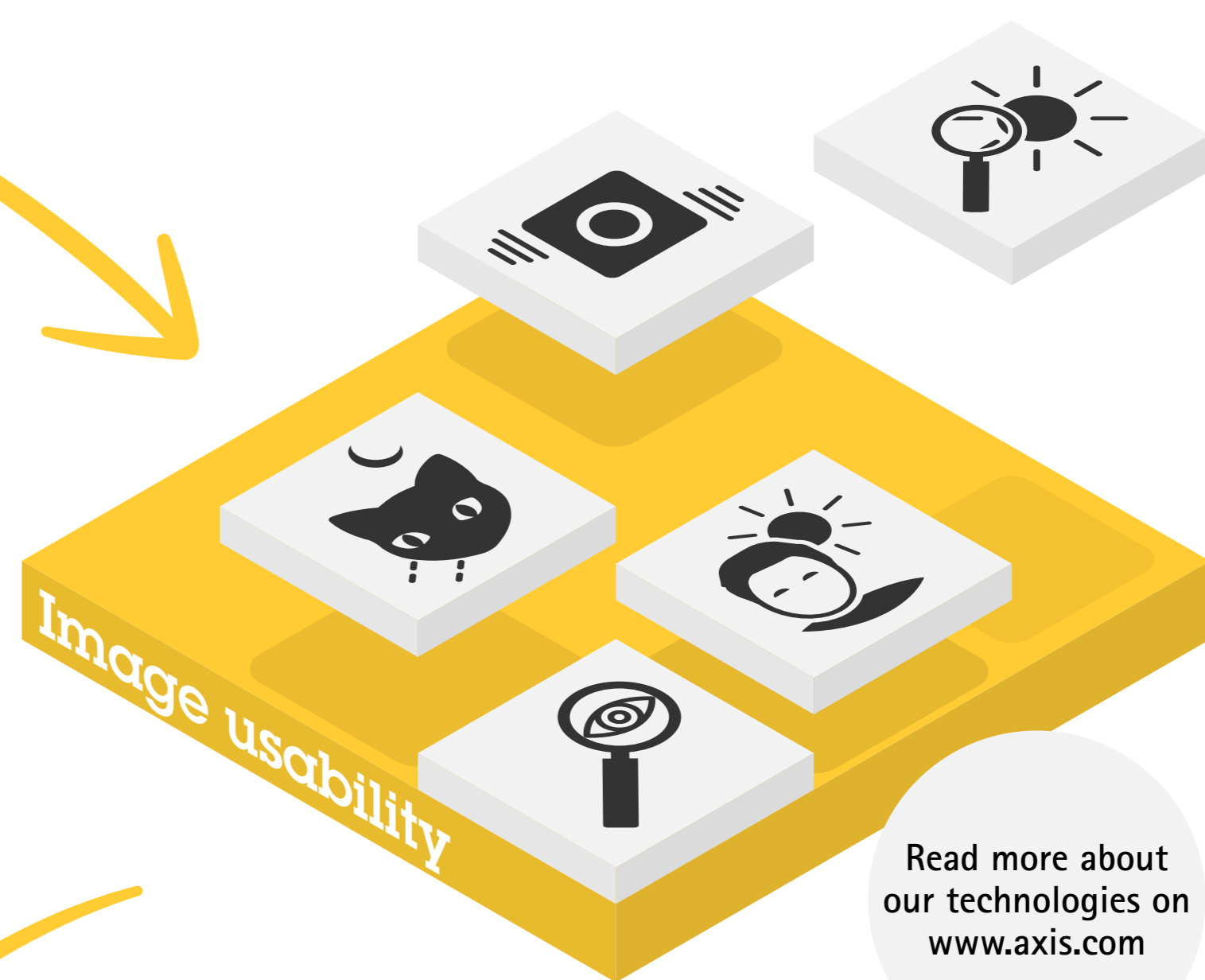
Edge analytics add value precisely because the data never leaves the camera. You benefit from:

- Fewer false alarms\*
- Faster response time
- Fewer servers
- Easier set-up
- Less bandwidth needed
- Better scalability
- Better privacy
- More efficient use of resources

\*thanks to uncompressed video

## Why edge analytics from Axis?

Our carefully selected system on chips (SoCs) create new opportunities for impressive, easy-to-use analytics based on deep learning on the edge: they make usable images and excellent data processing possible.



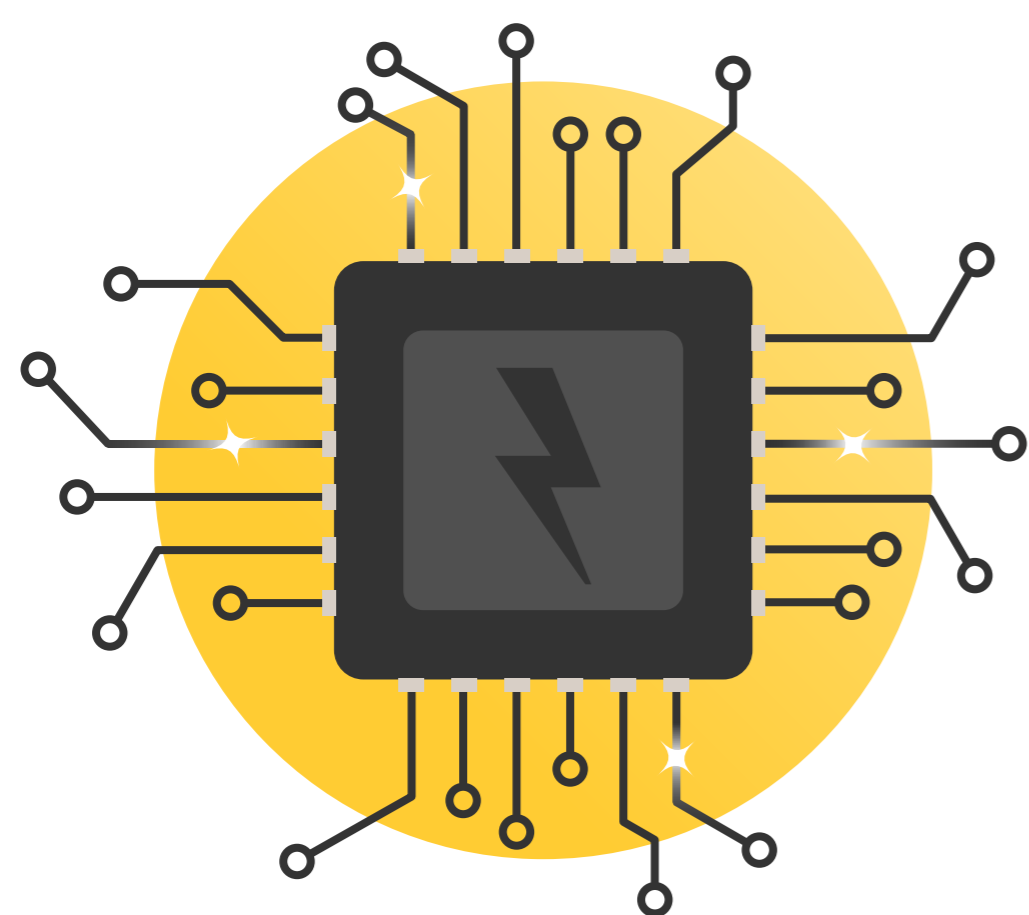
Read more about our technologies on [www.axis.com](http://www.axis.com)

## Axis image usability

High-quality, usable images are key to outstanding analytics. Our unmatched image-processing technologies include:

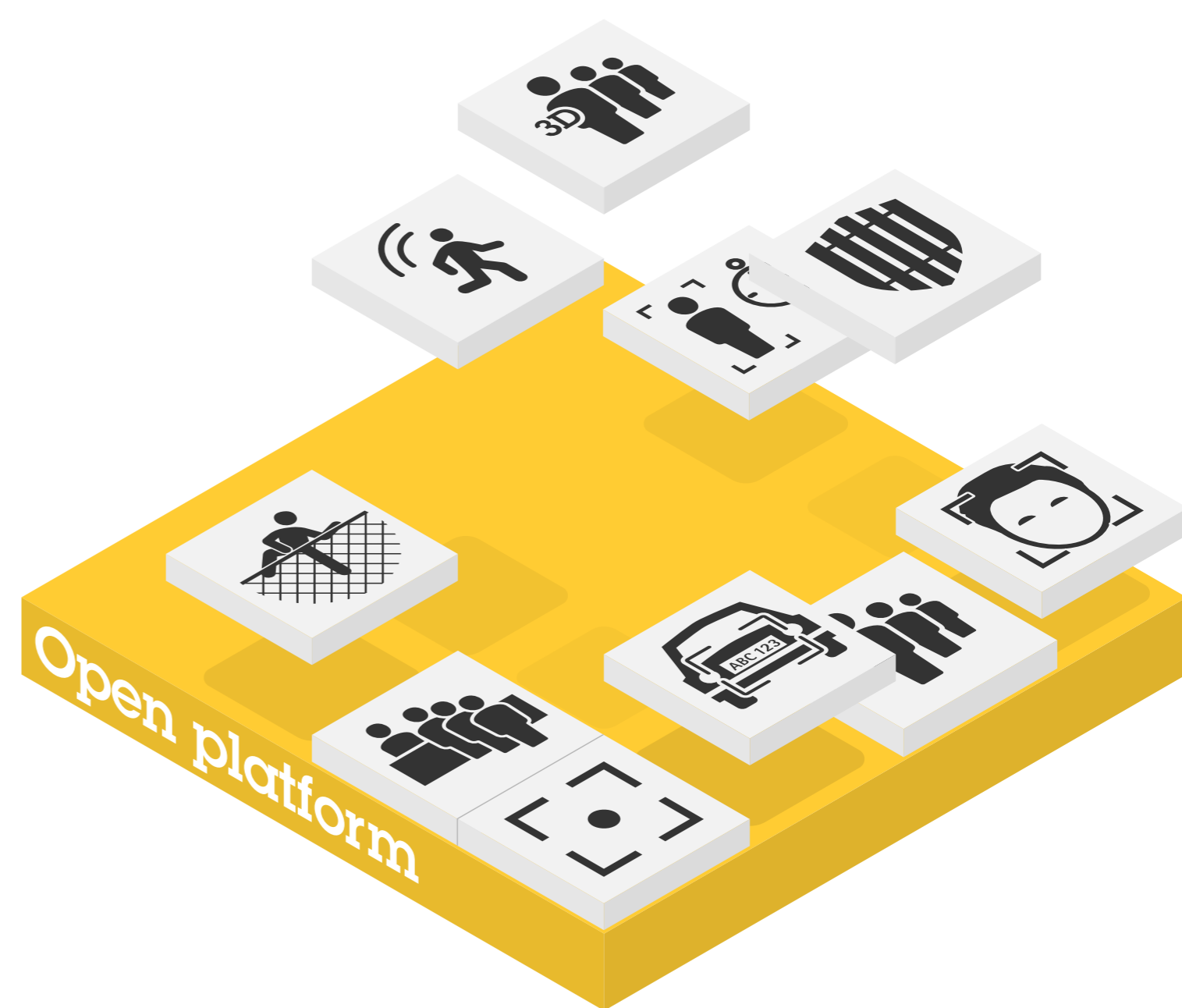
- Axis Lightfinder 2.0 and Axis Forensic Wide Dynamic Range (WDR) for difficult light conditions
- Axis OptimizedIR for surveillance in low light
- Axis Scene Intelligence for accurate metadata
- Axis Electronic image stabilization (EIS)

Edge analytics use uncompressed video, which is inherently higher quality than streamed video.



## Axis processing power

Our SoCs, which include deep learning processing units (DLPUs), give Axis cameras the power to process data on the edge, to take advantage of deep learning, and to deliver consistent analytics performance.



## Axis edge analytics for all your needs

The open Axis platform is behind our wide portfolio of analytics compatible with all major video management systems. AXIS Camera Application Platform (ACAP) also lets our partners develop tailored analytics applications to solve almost any challenge.

Available Axis analytics include:

- |                       |                          |                    |                             |                                |                             |
|-----------------------|--------------------------|--------------------|-----------------------------|--------------------------------|-----------------------------|
| AXIS Object Analytics | AXIS Live Privacy Shield | AXIS Face Detector | AXIS Video Motion Detection | AXIS Loitering Guard           | AXIS Perimeter Defender     |
| AXIS Motion Guard     | AXIS Fence Guard         | AXIS Queue Monitor | AXIS People Counter         | AXIS P8815-2 3D People Counter | AXIS License Plate Verifier |

Delivering the easiest access to actionable insights is part of creating a smarter, safer world.

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

