The background features abstract geometric shapes. On the left, there are overlapping yellow and gold-colored triangles. On the right, a grey triangle points towards the center. The text is positioned in the white space between these shapes.

# **Video Analytics and Application for iCity**

# Automation



**Productivity**

**Resource**



## Video Analytics



**“Video  
analytics  
makes the  
needle larger  
and the  
haystack  
smaller “**

# Why using video analytic?

Availability

Consistency

Scalability

Lower  
storage/band  
width

Increase  
value of video

Easier video  
forensics



# Video Analytics

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Motion  
Detection

Object Taken

Virtual Fence

Parking  
Management

People  
Counting

Zone  
Intrusion

License  
Plate  
Recognition

Face  
Detection

Loitering  
Detection

Drop  
Luggage

Heat map

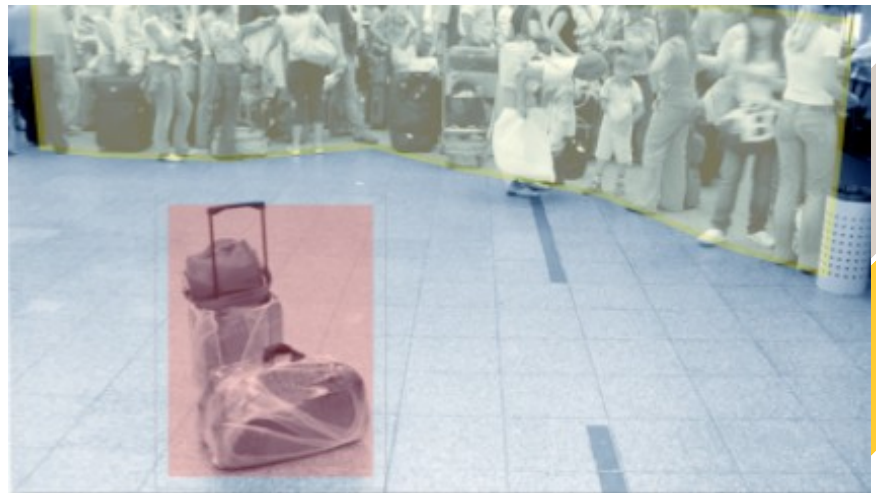
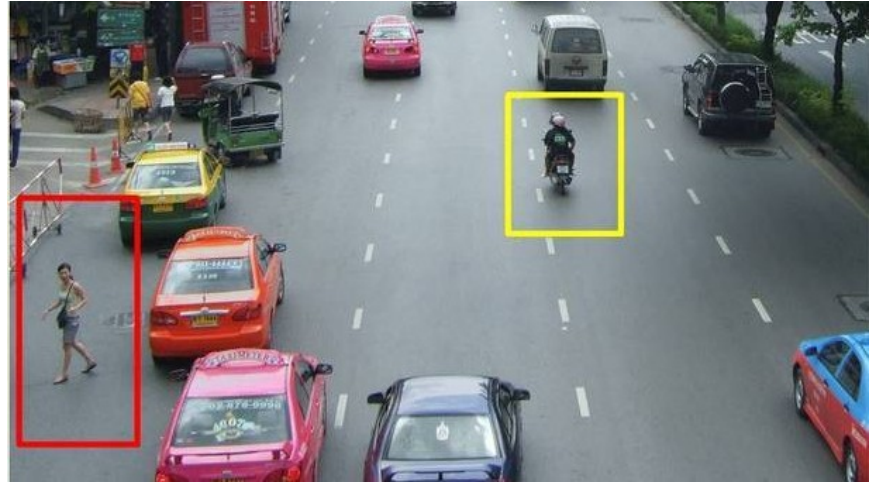
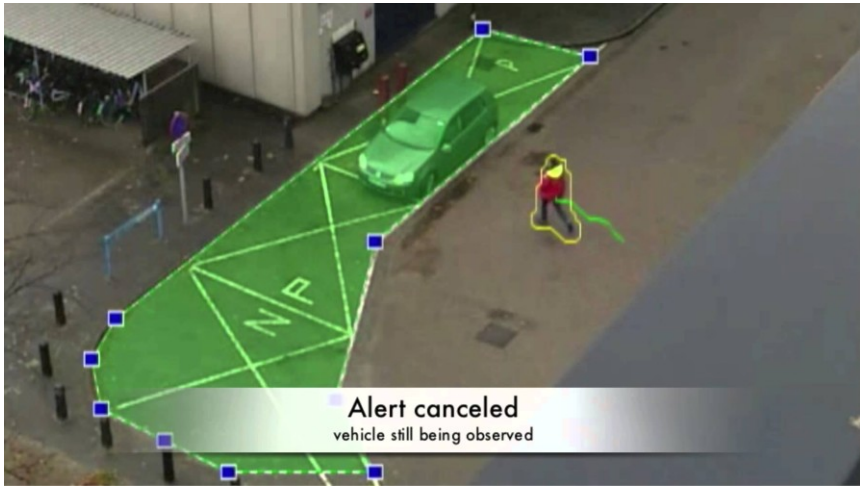
Direction  
Flow

Cross Line

Smoke  
Detection

Audio  
Detection

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# Where to put analytics?

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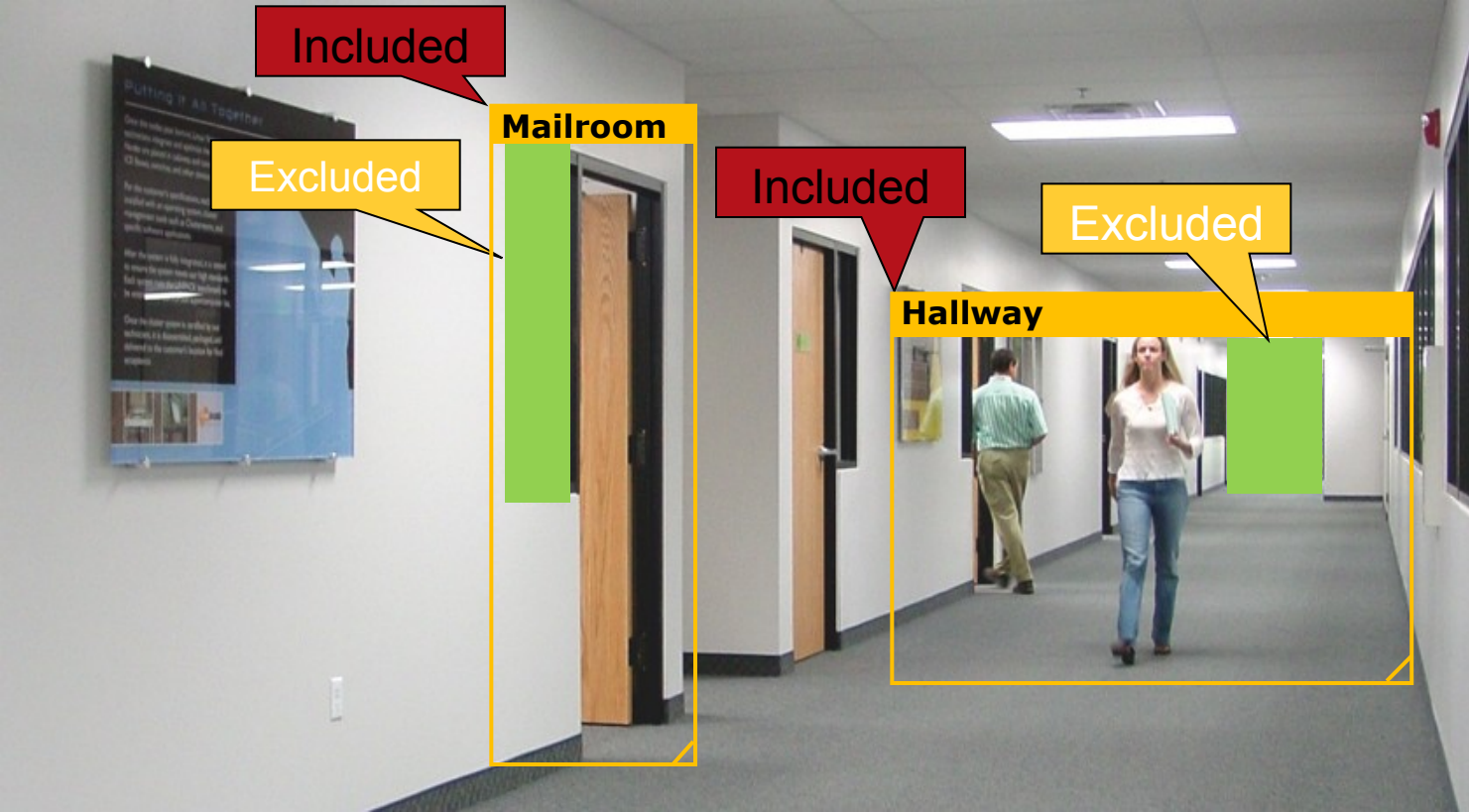
At the edge



Centralized solution

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# Analytic at edge





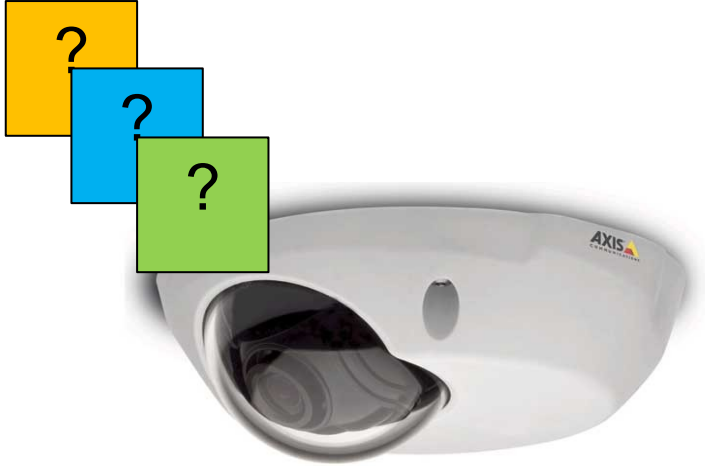
# Example of events

## Cable legend

- Low voltage signal
- Digital signal
- Signal being sent



# Apps for Security Cameras



**What you need is**

**Platform + SDK**

partner network  
Axis  
open  
megapixel  
camera  
HDTV  
competence  
worldwide  
network video  
leader  
service  
easy installation  
Lightfinder  
convergence  
intelligent  
ease of use  
network door controller  
outdoor  
integration  
video encoder  
focus  
usability  
image  
partner  
network  
camera  
video  
leader  
innovation  
outdoor  
integration  
usability  
focus  
video encoder  
ease of use  
network door controller  
intelligent  
convergence  
Lightfinder  
service  
easy installation  
HDTV  
competence  
worldwide  
megapixel  
safe  
technology  
smart  
environment  
protect  
thermal  
global  
secure  
physical access control

# Thank you!