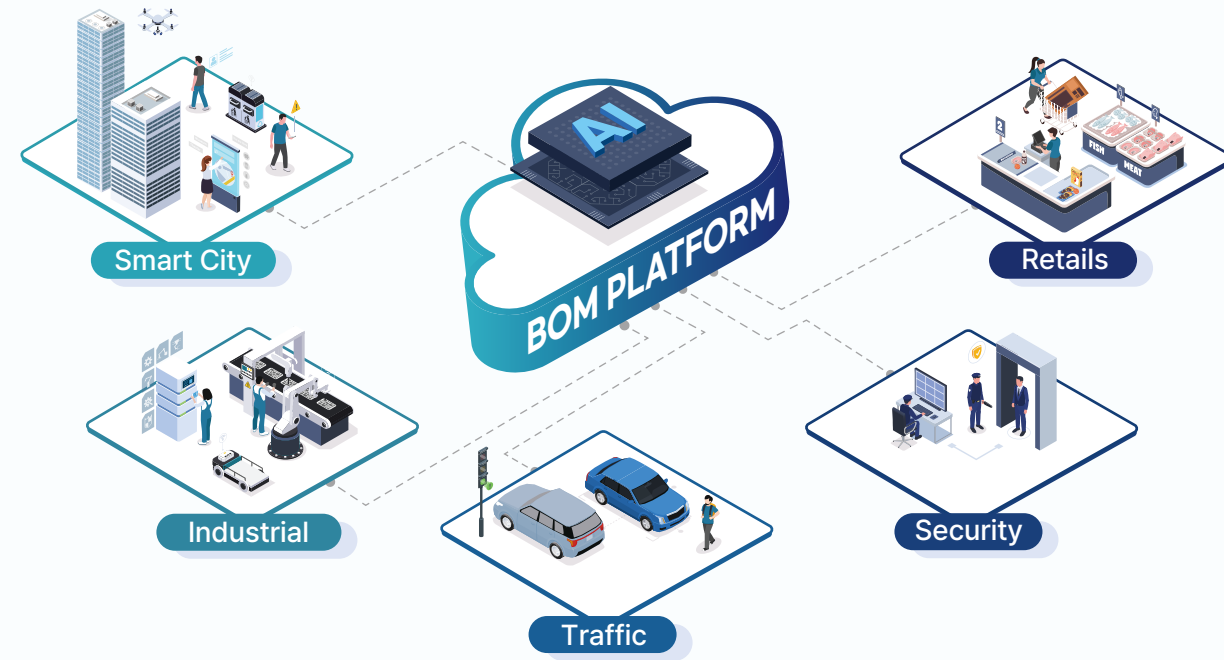We are pioneering an age of smart technology with an artificial intelligence vision.

With our customized package features,
we can satisfy needs of customers.

Smart City

Retails

Industrial

BOM PLATFORM

Security

Traffic

01 Smart City

- Intrusion/roaming detection
- Detecting illegal garbage disposal
- Violence/fight detection
- Pedestrian density analysis
- Fire/smoke detection
- Abnormal behavior detection
- Fall detection

02 Occupational safety

- Hazardous area intrusion detection
- Detecting people who don't wear safety equipment
- Detecting people who don't wear safety helmets
- People within the danger radius of heavy equipment

03 Traffic analysis

- Traffic analysis
- Speed violation detection
- Reverse driving
- Not wearing seat belt
- Traffic signal violation enforcement
- Illegal parking detection
- People who don't wear motorcycle helmets
- Parking lot control

04 Retail

- Facial recognition (1:N)
- Visitor counting
- Movement pattern analysis
- ID recognition
- Queue counting
- Customer analysis data collection

* In addition to the above features, we can provide customized features customers need.

BOM
PLATFORM

BOM PLATFORM
for Smart City

Intelligent integrated control solution

● ● ●   PRODUCT INTRODUCTION | 4IND CO., LTD.

http://4ind.co.kr

SMART FACTORY

SMART CITY

BOM
PLATFORM

AI Video Analysis Everything On A Single Platform.

Now you can use AI-based video analysis solutions for various fields including life safety, transportation, retail, and occupational safety all in one integrated platform.

Integrated Platform. A Start for Smart Video Control

AI video analysis
High-performance AI analyzes and reports various events in real time.

Flexible scalability
One solution supports from one CCTV to hundreds of CCTVs.

Web-based dashboard
The cloud-based web platform supports a variety of devices.

AI-Based. More Accurate and Faster

01 High detection accuracy
KISA Intelligent CCTV certified and International KOLAS tested

02 Reasonable solution cost
You can pay for only the features that you need. We've made the solution affordable.

03 Superior Compatibility.
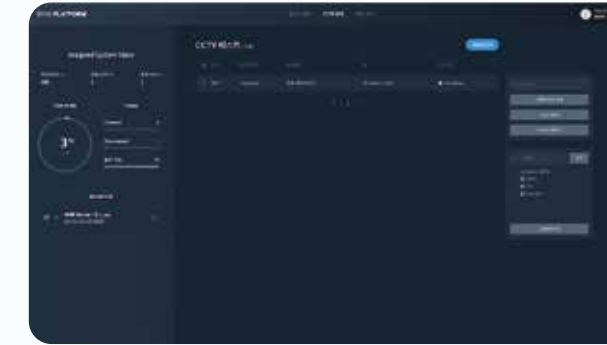Perfectly compatible with NVR, CCTV, and VMS currently in use

---

Easy and fast. You can now use the video analysis you want.

01 Integrated CCTV control
You can easily register and manage dozens of CCTVs on the integrated dashboard.

- RTSP/ONVIF video formats supported
- PTZ camera control
- Hardware resource management and status logs

02 Analysis function zone setting
You can apply the desired analysis function to each CCTV simply by setting the zone.

- Sensitivity and option settings for each zone
- Day/night detection function settings

03 Real-time video analysis
The AI model detects dozens of CCTVs in real time and analyzes events.

- Real-time analysis video display
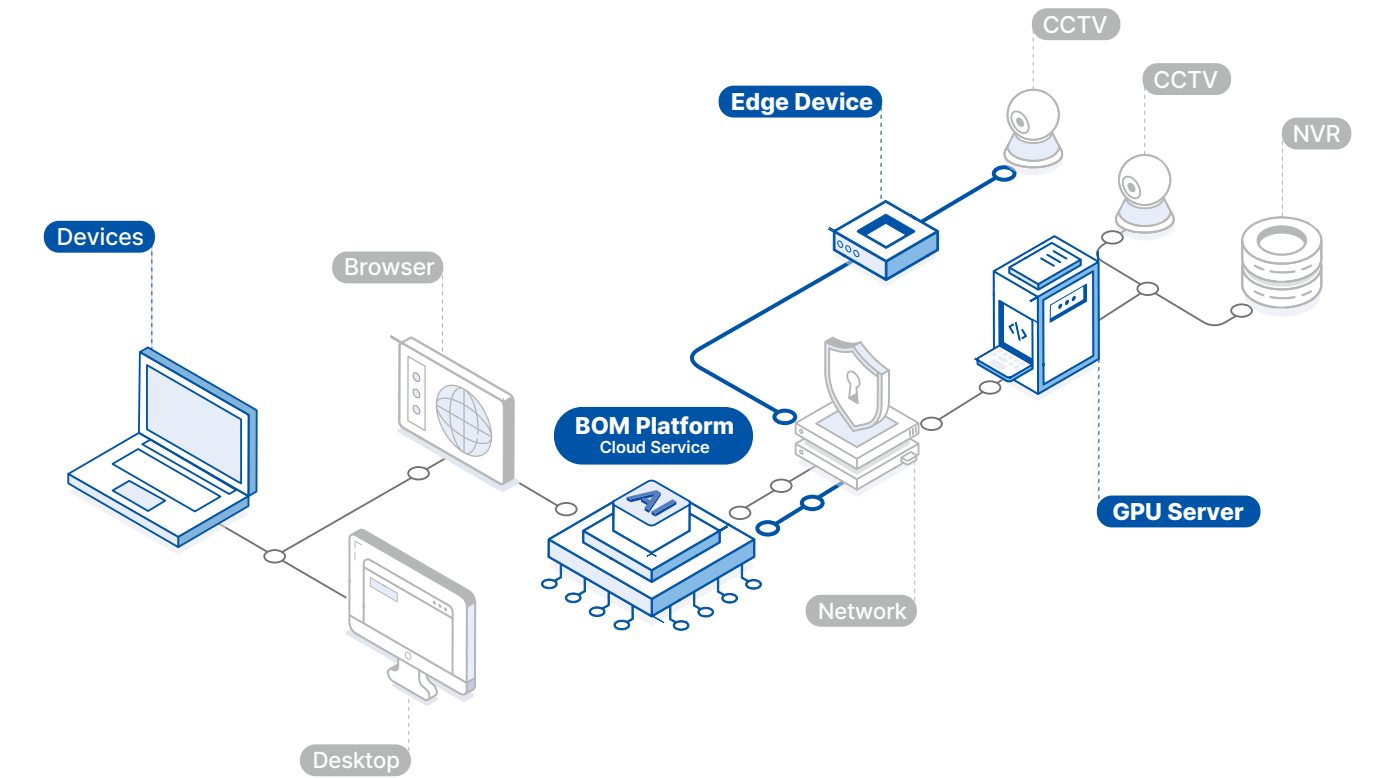- Simultaneous monitoring up to 32 channels

04 Event alerts
When a dangerous situation or event analysis occurs, this solution notifies the user in real time with warning sounds, pop-ups, SMS, and warning lights.

- Save videos before and after an event occurs
- Provides event reports and statistics

Our solutions support **excellent scalability and convenient installation.**

CCTV
CCTV
NVR
Edge Device
Devices
Browser
GPU Server
BOM Platform
Cloud Service
Network
Desktop

Superior Compatibility. We Propose Differentiated Devices According to Scale

Small stores/homes
Single user on 1 to 4

BOM Edge Device.
· CPU : Rockchip RK3588
· NPU : 6Tops
· RAM : 16GB

Small scale control
Set up a monitoring system of 5 to 25 channels or less

Workstation.
· CPU : Intel® Core i7 or higher
· GPU : NVIDIA Geforce RTX3090*2way(variable)
· RAM : 32GB or higher

Large scale control
Build an integrated control center with more than 25

GPU Server.
· CPU : Intel® Xeon® Silver or higher
· GPU : NVIDIA Quadro A5000*2way(variable)
· RAM : 64GB or higher