

SHAPING INTELLIGENCE

MEET AIOT.  
TOUCH THE FUTURE.

# HIKVISION Embedded Open Platform 2.0

Redefine Your Solution with an Open Embedded Platform

Adler WU





# AI Empowers IoT in Every Industry



## Gartner:

1/3 of implemented IoT projects will use AI technology by 2023



AI + IoT enables digitalization evolution in every industry.

Diversified perception capabilities help adapt to different needs in fragmented vertical industries.

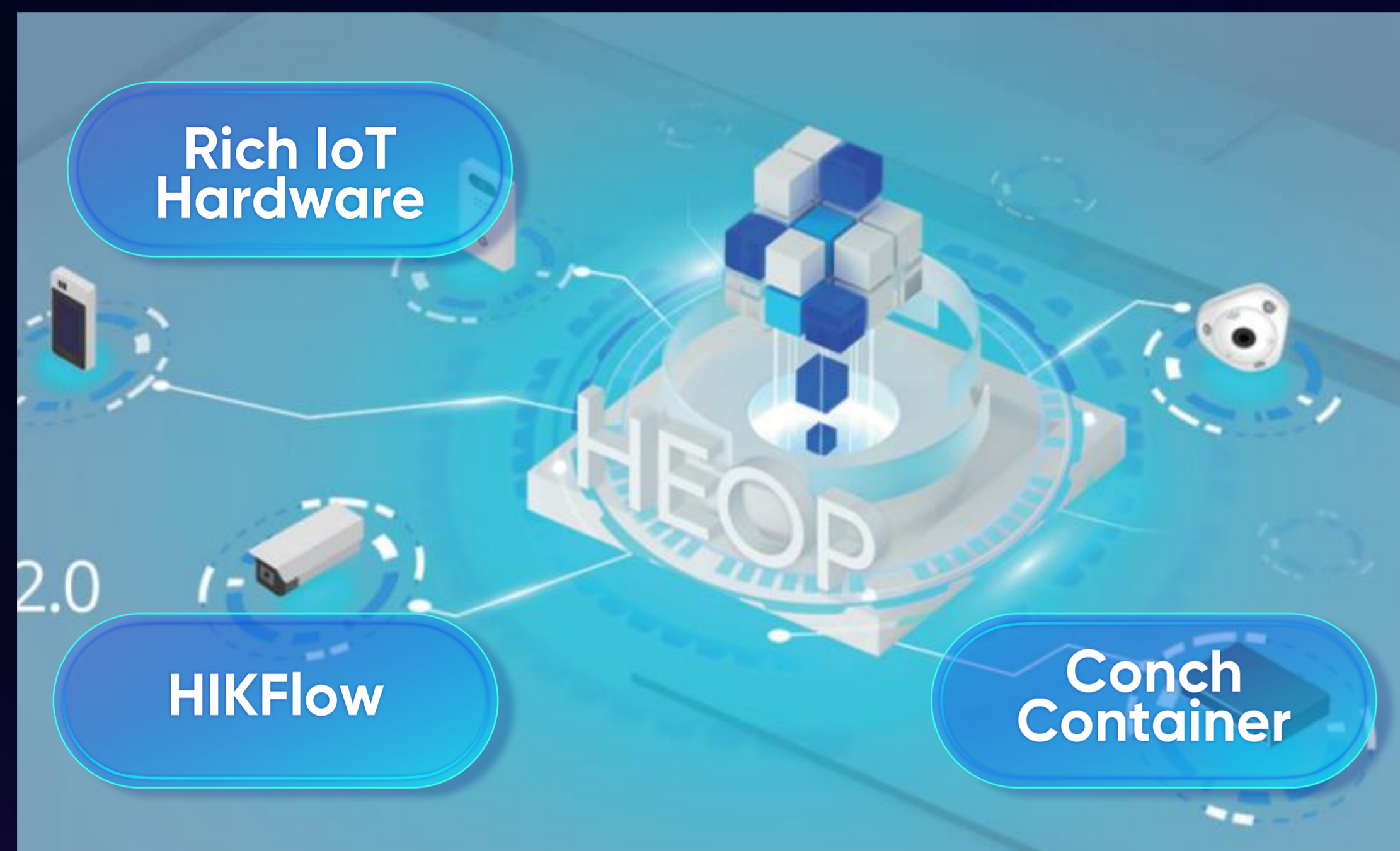
More embedded capabilities enable effective use of their own resources. Distributed computing maximizes the computing efficiency of the entire system.



**Distributed Computing:**  
Better response times, reduced bandwidth workload



# HEOP 2.0: a New Opportunity to Create Value Together



**Hikvision Embedded Open Platform (HEOP 2.0)**, featuring an open-architecture, **HIKFlow** deep-learning development kit, **Conch Container** and **various IoT hardware** support,

enables technology partners to develop and run their own applications on Hikvision's HEOP-enabled edge and on-premise hardware to suit the specific needs and unique scenarios of customers.

## Co-Development



Create with boosted efficiency & intelligence

- Cross-hardware platform
- Conch container engine
- HikFlow DL development kit

## Solution Enablement



Win with optimal solutions

- Rich product range
- Online app licensing
- HikCentral convergence

## Value Delivery



Promote through joint efforts

- Joint-value marketing
- APP marketplace
- Co-selling opportunities



# HEOP 2.0: an Advanced Hardware Platform with Conch Container Engine





# HEOP 2.0: a Comprehensive Product Portfolio

## Image Processing

Top-notch low-light technology & professional encoding

## Adaptability

Multiple algorithms meet any challenge

## Reliability

Comprehensive reliability testing process and quality control

## Supply Capability

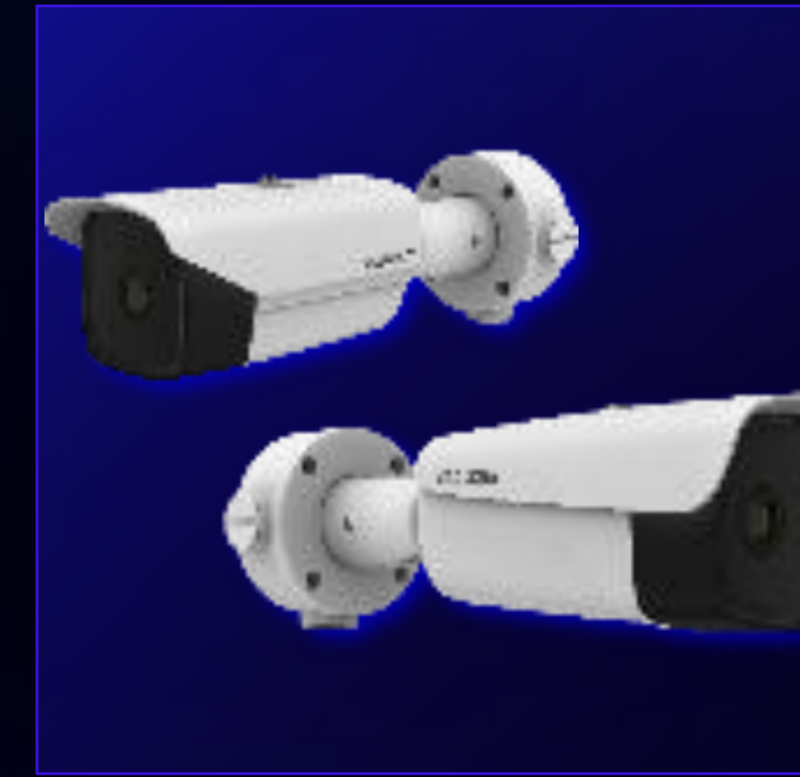
Multiple manufacturing centers and stable supply chains

## AI Capability

Deep learning algorithms/models can be run through all Hikvision HEOP 2.0-enabled devices



AcuSense  
IP Cameras



Thermal  
Cameras



MinMoe  
Access Terminals



NVRs



Panoramic  
Cameras



DeepinView  
Cameras



Abundant HEOP-enabled product lines meet all kinds of edge computing requirements!



# HEOP 2.0: an All-in-One Online Platform



**Hikvision Embedded Open Platform 2.0**  
Winning Together at the Edge

## Hikvision Embedded Open Platform 2.0

With pre-selected Hikvision products, partners are invited to join in to develop their value-added applications. Such applications include a full-package of on-line licensing and app management, a go-to-market plan with dedicated spotlight possibilities, and more.

- HEOP 2.0 allows integrators to use their own confidential protocols for product development without being required to provide that protocol to Hikvision. Furthermore,

## Technology Partner Portal (tpp.Hikvision.com)




# Continued Efforts on Partner Value Sharing


 **☆☆☆**  
PREMIUM PARTNER  
Logistics


 **☆☆☆**  
PREMIUM PARTNER  
Traffic


 **☆☆☆**  
PREMIUM PARTNER  
Healthcare


 **☆☆☆**  
PREMIUM PARTNER  
Retail



 **☆☆☆**  
PREMIUM PARTNER  
Agriculture

 **☆☆☆**  
PREMIUM PARTNER  
Building

 **☆☆☆**  
PREMIUM PARTNER  
Sports

 **☆☆☆**  
PREMIUM PARTNER  
Cloud

App Showcase

Value Highlight

Compatibility Proofing

Solution Creating

Pre-ordering



# A Technology Ecosystem: Innovating, Building, Achieving Together



## Cooperation Resources Open

Global Technology Partner Program  
Bind to ecosystem partners through in-depth sharing of technologies, channels, and other resources based on the TPP Program, achieving co-creation and win-wins.



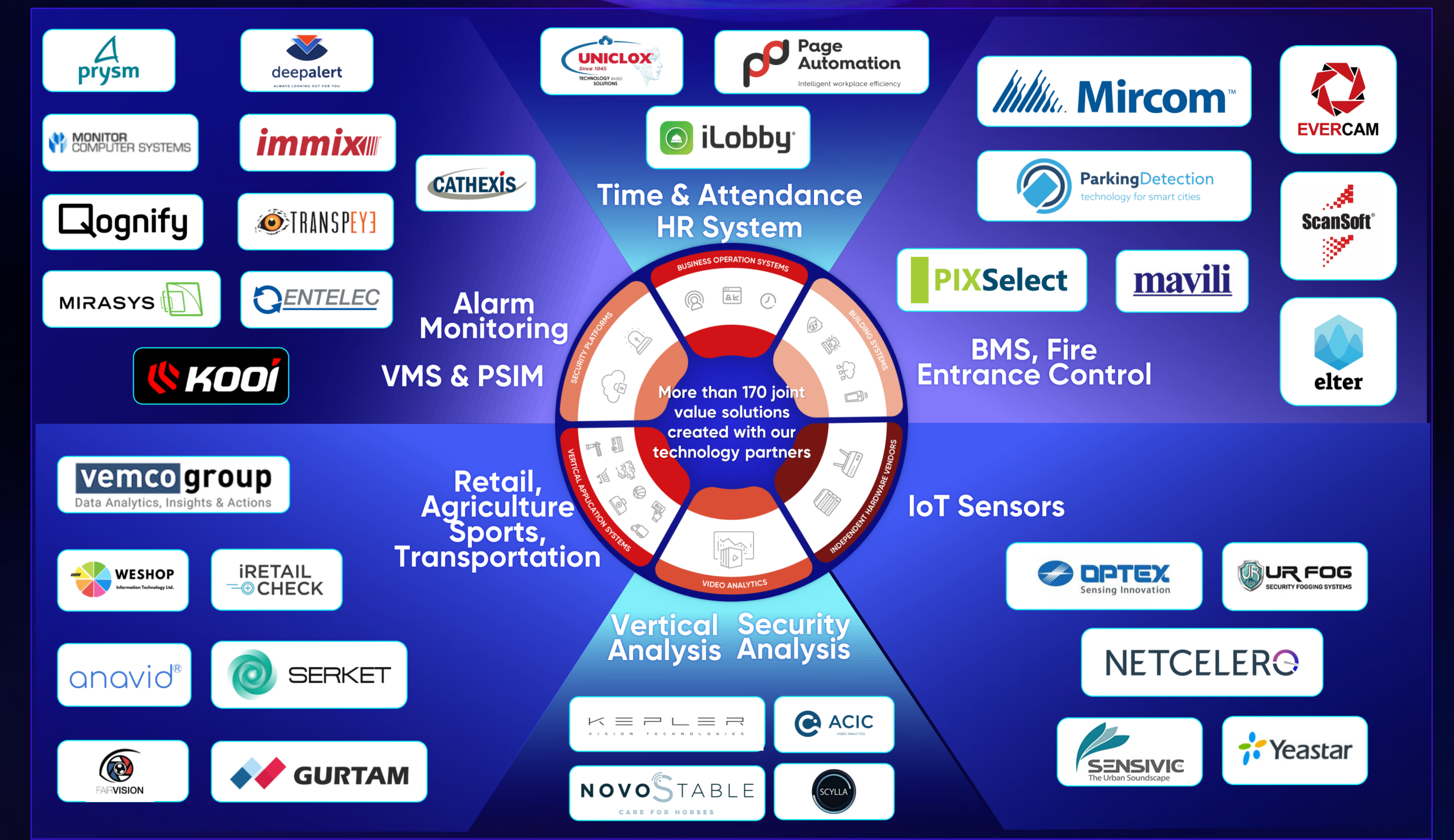
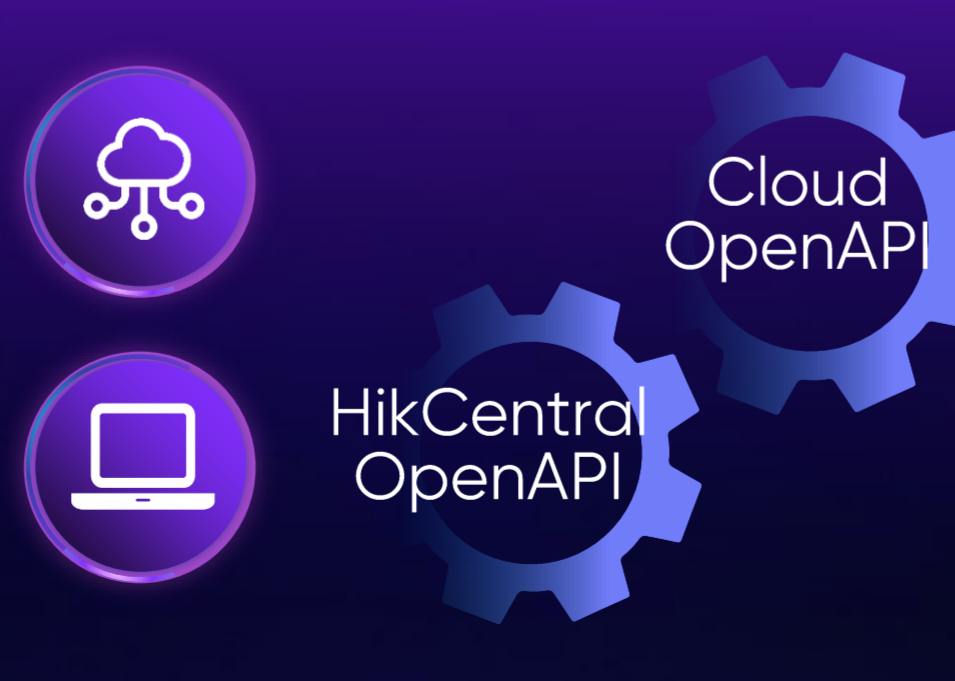
## Devices Open

The rich AIoT product line provides comprehensive open capabilities to assist ecosystem partners in quick integration.



## Platforms Open

The unified management of AIoT devices fuses applications and industries, greatly reducing the development costs of upper-layer applications.







**NOVO**STABLE  
CARE FOR HORSES

**HEOP 2.0: Ready to Release!**

  
**IRIDA LABS**



 **CYNAPSE**