



# Vaion vcore

# One system to rule all your security operations

Agile, scalable, secure, and easy to use, Vaion **vcore** is a video management system equipped with integrated machine learning capabilities that analyze all video feeds from all your cameras all the time and in real-time. Vaion **vcore** identifies objects and events and sends instant notifications and alarms based on rules and unusual activity detection.





Video view with  
Spotlight™ anomaly  
detection



Playback timeline with  
Smart Presence™



Map view with  
Smart Presence™



Smart Search™ by  
event, object, similarity



Rules, events,  
alarms



People and vehicle  
counting



### **System**

75-200 cameras per server  
Unlimited cameras per site  
Unlimited servers per site

### **Device support**

Automatic device discovery  
Third-party IP cameras & encoders  
H.264 & H.265 video compression  
MJPEG video compression  
JPEG2000 video compression

### **Streaming**

Dynamic stream selection

### **Search**

Search by similarity  
Search by physical characteristics  
Search by event  
Search by image  
Search across all video  
Playback timeline with embedded thumbnails  
Smart Presence™

### **Pervasive video analytics**

Unusual event detection  
People counting  
Vehicle counting  
Forensic investigation  
Intrusion detection  
Real-time notifications and alerts  
Spotlight™

### **Security and privacy protection**

HTTPS camera connectivity  
SRTP support  
AES video encryption  
Digital watermarking against tampering  
RTSP over TLS

### **Client**

Intuitive and powerful interface  
HTML5 web client  
Saved views  
Interactive maps  
Active directory import  
Multi-camera export  
Configurable recording schedule

### **Other features**

Email event notification  
Rule triggers  
Self-learning video analytics event configuration  
Vaion Machine Learning server analytics configuration



## Ordering information

Product family	PID	Product description
vcore	V-CORE-PLAT-STD	Vaion vcore platform subscription and standard Vaion vcare support.
	V-CORE-RTIM-STD	Real-time analytics subscription and standard Vaion vcare support.
vcare	V-CARE-PCOR-STD	Vaion vcare+ subscription for Vaion vcore.
promo	V-PROMO-SW-1Y	Vaion vcore platform subscription, real-time analytics subscription, Vaion vcare+ for vcore.