

05 One system to rule all your security operations • vcore



vaion

vcore

# One system to rule all your security operations

Agile, scalable, secure, and easy to use, Vaion **vc**ore 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. **vc**ore identifies objects and events and sends instant notifications and alarms based on rules and unusual activity detection.





Video wall with  
Spotlight anomaly  
detection



Playback timeline  
with Smart Presence



Maps with Smart  
Presence



Search by event,  
object, similarity



Dynamic stream  
selection



Rules, events,  
alarms



#### System

- 100-200 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
- 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
- Video anonymization with encrypted source archive

#### Client

- Intuitive and powerful interface
- HTML5 web client
- Saved views
- Interactive maps
- Active directory import

#### Two-factor authentication

- Multi-camera export
- Multi-camera privacy masking export
- Live export
- Configurable recording schedule

#### Other features

- Email event notification
- Digital input email trigger
- Manual digital output trigger
- Rule triggers
- Self-learning video analytics event configuration
- Vaion Machine Learning server analytics configuration
- Redundant recording
- Failover connections
- Camera replacement