

## Proactive Server-Based Behavior Detection

MATE server-based behavior detection solutions leverage powerful, field-proven video analysis algorithms to turn any analog or IP surveillance camera into an intelligent, proactive, real-time detection system. Built-in rules-based alert functionality enables control room personnel to precisely define which events warrant an alert, based on their organization's unique needs.

Designed and built for the most challenging indoor and outdoor environments, MATE's robust server-based video analytics products expertly filter out background disturbances. The advanced scene learning feature ignores irrelevant motion or objects, and delivers high detection probability with extremely low false alarm rates.

With rule dependency, Scene switch (PTZ), classification, scheduling and wide range of video analytics solutions, Mate offers the most advanced video analytics solution in the market.

## The Behavior Watch™ Line of Products

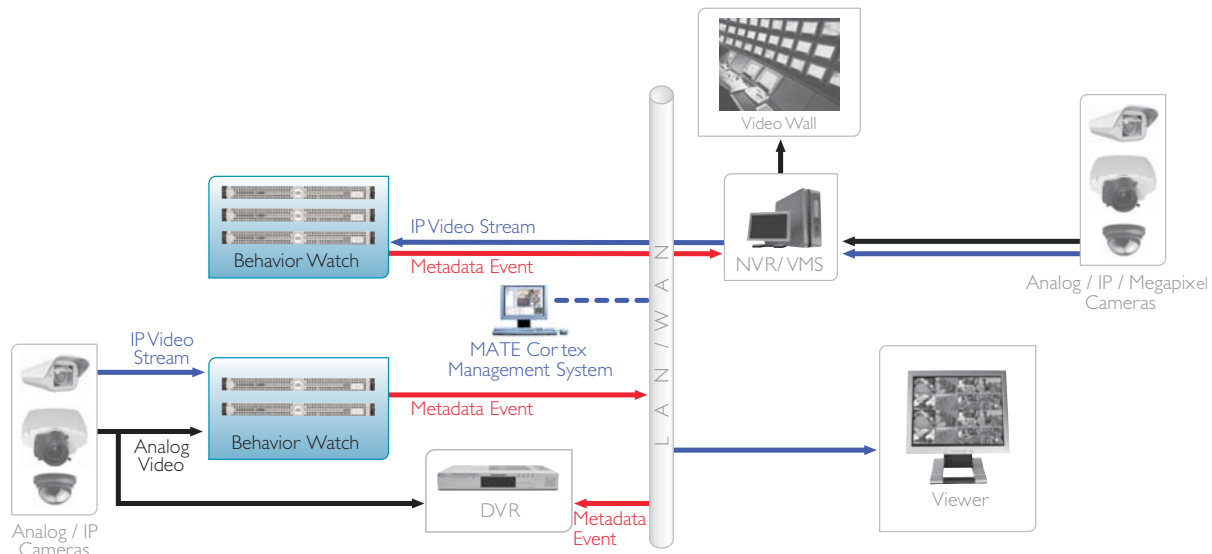
The MATE Behavior Watch server-based product line receives up to twelve analog camera feeds or IP video network streams from existing VMS, NVR systems. Behavior Watch analyzes object behavior based on pre-defined parameters and sends actionable event metadata information, in XML format to the VMS/NVR database. The end result is a uniquely cost-effective state-of-the-art IP surveillance solution, fully in-line with today's high-performance CCTV and IP surveillance standards.

## Powerful Analytics

- Motion detection
- Static object detection
- Path detection
- Presence detection
- Directional motion
- Queue detection
- Crowd detection
- Object removal
- Object started
- Loitering
- Speed
- Object classification
- Rule dependency

## Why Behavior Watch

- > Top notch video analytics
- > Hybrid system for IP & analog cameras or third party systems
- > Open architecture for seamless integration
- > Built-in rules-based alert engine enables multiple concurrent detection rules for each video input
- > Advanced classification functionality distinguishes between different types of objects
- > Scene Switch™ for tracking up to four different scenes from a single video feed
- > Automated video surveillance for hundreds of cameras





# Behavior Watch™ - Analytic Video Server

## About MATE

MATE Intelligent Video is a global provider of cutting-edge, real time video analytics solutions for proactive video and IP surveillance, people and car counting. MATE's advanced video content analysis technology detects and analyzes potential threats and hazards, generating real-time alerts based on user's pre-defined parameters.

Founded in 1997, MATE has gained extensive experience in the video analytics field, and has positioned itself as a market leader. Leveraging an open architecture, MATE's flexible and field-proven solutions integrate easily into any network topology, and are sold, installed and supported by top tier systems integrators and distributors worldwide.

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## Key Behavior Watch Features

- Server-based solution - rack mount
- Supports both analog and IP cameras
- Advanced human/vehicle object classification
- Rule Dependency - create dependency between two regular rules with a condition such as "AND", "THEN" or "REPEAT"
- Scene Switch™ for tracking up to four different scenes from a single video feed
- Optional pre and post-alarm recording
- Low FAR (False Alarm Rate) in any environment or weather
- Multiple concurrent detection rules for each video input
- Easy to use video detection rules and time-based schedules
- Real-time camera tamper detection
- Flexible design offering up to twelve-channel input
- Integration with market-leading IP surveillance, CCTV and DVR/NVR/NVMS vendors

## Centralized Management

BehaviorWatch solutions are centrally controlled and managed through the MATE Cortex™ video analytics management system. Cortex simultaneously manages all MATE devices, including multiple Behavior Watch units and other video detection units.

Cortex features:

- Remote configuration and upgrades
- Live video and alarm display with object tracking overlay
- Event table for alarm browsing with alarm snap shot images
- Event review and search tools
- User policies and permissions
- Multi site status display with indication of disconnected or alarmed sites
- Map-based alarm display with multiple map and zooming capabilities

## BehaviorWatch Specifications

BW 2004/2008/2012/2016 Rack Mount	
<b>Hardware</b>	
CPU	Base Quad Core Intel® Xeon® E5420, 2x6MB Cache, 2.5GHz, 1333MHz FSB
RAM	4GB FB 667MHz Memory (2x2GB dual rank DIMMs)
HD	RAID Hard Drive 2 x 250GB SATA 7200rpm
Network	10/100/1000
Inputs	4/8/12 port analog video PAL/NTSC 4/8/12 video stream MJPEG/MPEG4
Power Consumption	110/220 VAC 50/60 Hz. 670W
Size (HxWxD)	4.26cm x 42.6cm x 77.2cm; 1.67" x 16.7" x 30.4"
Weight	16.3 Kg / 35.8 lbs
Operating Temperature	10° C to 35° C / 50° F to 95° F
Operating Humidity	5% to 95%
<b>Software</b>	
OS	Windows Server 2003
DB	Microsoft SQL Server, 2005 Express
Application	.net framework 2.0

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.