



Video Behavior Analytics

Optimize safety and proactively alert for emergency situations with data-driven insights from Video Behavior Analytics.



Discover how video analytics can optimize your security operation to protect citizens, staff and customers.

In today's security-conscious environment, Video Behavior Analytics stands as a transformative force for organizations seeking to enhance surveillance and response capabilities. As entities grapple with the question of how to adapt their security infrastructure to address sophisticated threats effectively, Video Behavior Analytics emerges as the key to unlocking new levels of safety and operational insight.

At the heart of this innovation is the potential to not just observe but to proactively manage and respond to security situations with precision. By focusing on strategic areas of surveillance that yield significant benefits, organizations can enhance their efficiency and efficacy. This approach ensures optimal use of resources, providing early-warning alerting to safety and security operations staff, bolstering the safety of citizens, employees and customers.

Fujitsu Video Behavior Analytics enhances public safety and operational efficiency through real-time behavior detection and alerting. The service offers a proactive approach to monitoring, utilizing advanced analytics to automatically detect and alert on potential malicious activities, effectively reducing the need for continuous human observation of video streams. This service leads to safer citizens, community spaces and staff working environments, make the world a better place.

Fujitsu Video Behavior Analytics offers pre-packaged rules to detect common behavior for safety and security use cases. From loitering through to aggressive and dangerous behavior, you can rely on the AI-powered solution to enhance your current security operations model with a "human in the loop" for all key decision making.

Video Behavior Analytics

Whether eager to validate the benefits of Video Behavior Analytics through a targeted pilot or poised to deploy Video Behavior Analytics across your network, we stand ready to support you. Our goal is to demonstrate the tangible value and transformative impact our solution can have within your organization.

Let's embark on this journey of innovation and discovery together.

Features

Gain access to pre-configured rules to detect suspicious, violent and dangerous behavior. Receive alerts via SMS or webhook to bring your attention to potentially unsafe situations. Review your environment with dashboard analytics for safety insights.

Default Rules:

- Headcount
- Falling
- Loitering
- Violence
- Graffiti
- Prohibited areas
- Authentication & tracking



The journey...

There are two approaches to delivering value during an initial engagement. Either a live trial with real-time video streaming, or an offline trial with pre-recorded video from your camera network.

Live trial

1

The live trial involves an integration phase, connecting to your current camera network or deploying new IP cameras. We'll implement and provide access to the user interface, showcasing monitoring, alerting and dashboard analytics. During the trial phase the Fujitsu team will work with you to fine-tuning the rules to match the unique conditions, angles, and behavior types specific to your environment.

Offline trial

2

The offline trial starts with you capturing and sharing selected footage from your network with the Fujitsu team. The process then involves a two-sprint delivery, where the analytics and rules are optimized for your environmental conditions, angles and the behavior types which are specific to your environment. At the end of the process, you'll have everything you need to take the next step towards a full implementation.

Recommendations

During the engagement Fujitsu can arrange to supply cameras, or work with your existing network.

The recommended video specifications are:

- Full-HD 1,920 x 1,080
- Frame rate: 15FPS
- Fixed camera, not hand-held, or zooming.
- Filmed from the front at landscape: Not tilted, fish-eye lens, or horizontal.
- Depression angle: Between camera and a person's head is within 30 degrees.



Our credentials

At Fujitsu, we harness the power of artificial intelligence (AI) and machine learning to transform visual data into actionable insights. Our suite of advanced solutions caters to diverse industries, enhancing efficiency, security, and decision making.

Fujitsu has a rich history and experience of implementing video AI solutions, including flagship events such as the World Gymnastics Championships, where Fujitsu provides an AI-powered Fujitsu Judging Support System for use in competition for all 10 apparatuses.



“ World No.1 accuracy at the international benchmark of human action recognition based on the skeleton recognition technology. ”



World No.1 accuracy at the international IEEE/CVF Conference on Computer Vision and Pattern Recognition 2023 for AI City Challenge – Track 4.

[Fujitsu & International Gymnastics Federation Press Conference](#)



World top-level accuracy of the relationship recognition between a person and environment

[Fujitsu scene graph generation technology sets new standards for image recognition](#)

Data Privacy



At Fujitsu, we are committed to 'Security by Design' in the development, deployment, and operation of our Video Behavior Analytics solution. Upholding the highest standards of AI ethics, we ensure that our technology aligns with responsible use principles, placing privacy and civil liberties at the forefront. Our system can exclude facial recognition, implementing facial blurring and removing personal identifiers to anonymize data, safeguarding citizen privacy. Our stance on AI ethics reflects our dedication to protecting individual rights while maintaining public safety.

AI Ethics



[AI Ethics & Governance](#)

Fujitsu prioritizes safety, security, and trustworthiness in AI systems. Our External Advisory Committee on AI Ethics provides valuable recommendations.

[Fujitsu Group AI Commitment](#)

Discover our clear and responsible approach to AI ethics. Fujitsu Group AI Commitment draws from decades of research and real-world AI implementation.

[AI Ethics Impact Assessment](#)

Before deploying AI solutions, we assess their ethical impact using our AI Ethics Impact Assessment tool. Trustworthy AI is our commitment.