

Security analytics



Revolutionizing security analytics

Ensuring safety in public spaces is paramount for local governments and operators of mass transit services, especially as the quantity and types of threats increase every day.

Current solutions are largely inefficient and too slow to prevent security breaches. With standard CCTV, manual analysis of footage is time consuming, expensive, and largely carried out after the fact.

Fujitsu Computer Vision empowers cities and governments to increase citizen safety while reducing effort and costs associated with tracking and detection of people flows in cities and communities.

Combining state-of-the-art Artificial Intelligence (AI) algorithms with traditional computer vision technologies, Fujitsu delivers end-to-end image recognition solutions for proactive security analytics.

Fujitsu Computer Vision delivers end-to-end image recognition solutions to automate, analyze and interpret the detection and identification of visual data.

Benefits of Fujitsu Computer Vision

Data acquisition

- **Leverage existing infrastructure** – Derive real-time high value insights from existing CCTV equipment
- **Improved recognition** – Re-identification technology provides better recognition of individuals in crowds
- **Fully compliant** – Highest standards of privacy and GDPR compliance without using facial recognition

Detection

- **Detect fraud and safety issues** – Reduce turnstile fraud and tailgating, and detect smoke, prowlers and assaults
- **Increased accuracy and coverage** – Automatic security alerts on detection of aggressive behavior
- **Monitor and track flows** – Identify accidents, sudden / panic movement, traffic jams, jaywalking, and anomalies

Analysis

- **Reduced disruption** – Identification of owners of left luggage to avoid security incidents
- **Increased efficiency** – Augment staff capabilities with technology to analyze and mitigate risks and threats
- **Reduce shrinkage** – Proactively identify suspicious behavior

Fujitsu Computer Vision adds value for security operations across flow and behavior analysis, missing person tracking, abandoned object detection and digital transformation while leveraging existing CCTV infrastructure.

"Together with a major European rail operator, Fujitsu has validated that our Re-Identification technology is able to follow individuals throughout crowded public spaces without using facial recognition."

Axel Mery,
Head of Fujitsu
Computer Vision Global

Flexible

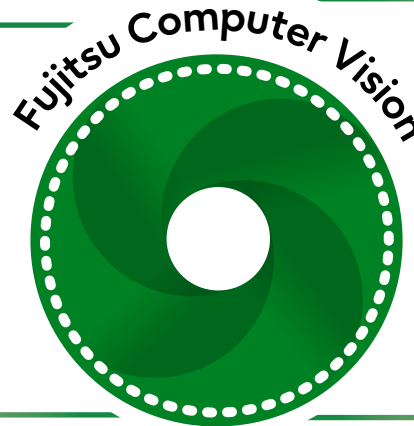
Platform-neutral, deployable to cloud or on-premises, seamlessly integrates with existing CCTV infrastructure, machine vision sensors, computer hardware and software ecosystems.

Data-science friendly

Easy to extend and leverage understanding of domain-specific environment to generate and present algorithms and data analysis.

Futureproof

Security, performance and functionality through on-going release updates.



Scalable

Scale to support additional users, organizations, data, processes and features over time.

Easy to deploy

Intuitive, customizable user interface reduces user learning curve to support role and use case-specific views to improve business decision making.

Customizable

Predefined, yet modifiable, modules to trial, prove business value and address unique customer challenges.

Fujitsu Computer Vision also supports customers in the following industries:

Retail

Customer behavior analysis, purchase pattern and queue management, store health capacity and occupancy tracking, footfall and demographics analysis for people and vehicles.

Healthcare

Faster and more accurate healthcare diagnosis and measurement, efficient screening for illness and disease.

Public Sector

Asset identification and fault monitoring, cataloging and planning, city infrastructure maintenance.

Manufacturing

Quality control and anomaly detection systems on the edge and cloud, using either existing or new machine vision sensors.

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