

# BEHAVIORAL RECOGNITION FOR SECURITY & SAFETY

## ENHANCE EVERY VIDEO STREAM WITH AI-POWERED BEHAVIORAL RECOGNITION TECHNOLOGY

In today's global urban and enterprise environments, businesses and municipalities employ a wide range of technologies to protect citizens and employees.

viisights wise provides automatic realtime understanding of video content captured by widespread surveillance cameras located throughout traffic control centers, roads, public areas, buildings, shopping centers, commercial and industrial zones. The system processes and understands large amounts of video streams in real-time or offline (investigative mode), while providing insights and alerts for a variety of actions, events and scenes of interest.

## POWERED BY DEEP LEARNING VIDEO UNDERSTANDING

In order to automatically understand actions, events or scenes of interest, viisights behavioral video analytics technology applies holistic and temporal analysis engine for Scene Participants (SP) recognition and their characteristics. viisights holistic analysis engine analyzes video content through a top-down approach {-> event(s) -> action(s) -> object(s) -> attribute(s)} by using the time dimension to connect between the video's image sequence and the different modalities.

## FUNCTIONALITY GROUPS



Violent  
Activity  
Prediction &  
Recognition



Suspicious  
Activity  
Recognition



Crowd  
and Group  
Behavior



Perimeter  
Protection  
& Control

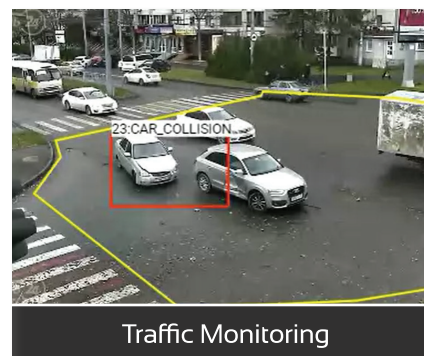
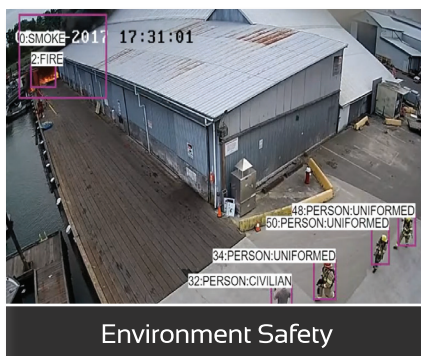


Traffic  
Monitoring



Environment  
& Personal  
Safety

## USE-CASE EXAMPLES



## ABOUT VIISIGHTS

viisights is a leading innovator of behavioral recognition systems for real-time video intelligence. The company provides AI-powered behavioral understanding systems for safe and smart cities, enterprises, campuses, banks, financial institutions, critical infrastructures and transportation hubs. viisights' mission is to leverage artificial intelligence technologies that facilitate human-like pattern prediction in order to create fully autonomous video intelligence systems.