

Ipsotek Introduces VISense: Transforming Computer Vision with Vision Scene Understanding

6th January 2025, London – [Ipsotek](#), an Eviden business and global leader in AI Computer Vision solutions, has today announced the launch of VISense, a groundbreaking addition to its VISuite platform that redefines real-time video analytics with Vision Language Models (VLMs). VISense represents a major advancement in Generative AI integration, using VLMs to achieve detailed scene understanding and contextual insights empowering operators to make informed decisions promptly.

Building on Ipsotek's [Natural Language Detector introduced in April 2024](#), VISense allows users to ask questions like, "Let me know when something unusual is happening in any camera view" and receive a detailed response describing the unusual aspect of the captured behaviour. For instance, it might respond, "Yes, there is a flood; water levels are rising in the northern section, and several vehicles are stranded, causing heavy traffic congestion," providing actionable insights that enable quick decisions.

Key Advantages of VISense:

- **Zero Configuration Deployment:** VISense eliminates predefined alarm configurations, intuitively understanding scenes and ensuring seamless scalability across thousands of cameras.
- **Contextual Accuracy:** By answering generic questions, VISense delivers highly accurate insights, providing operators with critical details beyond the traditional alarms with static descriptions.
- **Scalability:** VISense seamlessly scales to support vast deployments, making it suitable for industries ranging from transportation to retail and beyond.

"VISense is a game-changer for video analytics. By combining Computer Vision with the power of Vision Language Models, we've empowered users with an unprecedented level of interaction with Ipsotek's VISuite platform that led to intuitive experience with enhanced benefits," said Ipsotek CTO & Sales Director Dr. Boghos Boghossian. We are very excited about the future advancements this innovation will bring."

Ipsotek's VISuite platform is already tailored to over 17 industry verticals, and future updates will bring even more specialised capabilities.

A Vision for the Future

VISense is just one milestone in Ipsotek's ambitious roadmap to bring Generative AI to the forefront of AI Video Analytics. Future developments, set for release in 2025, will further transform how operators



interact with and gain more value from Computer Vision systems. Ipsotek's R&D team is actively working on future VISense features aiming to design tools that elevate real-time decision-making, operational safety, and automation to the next level.

Unveiling VISense at Intersec UAE

Ipsotek is set to showcase VISense for the first time at [Intersec Dubai](#), taking place from January 14-16, followed by [AI Everything](#) in February. Visitors to the events can witness a live demonstration of VISense in action on the company booths. The team will be on hand to provide expert guidance, highlighting its innovative capabilities and discussing real-world use cases.

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1. About Ipsotek, an Eviden business

Established in 2001, Ipsotek is a pioneer in the field of Artificial Intelligence Computer Vision and Scenario-based Rule Engine (SBRE) Video Analytics for mission critical applications. Our highly scalable platform VISuite is a versatile AI computer vision platform that automatically raises alerts from existing CCTV cameras and/or Video Management Systems (VMS). VISuite converts video data into real-time, actionable intelligence to optimise safety & security and enables users to efficiently manage automatically generated alarms in real-time.

With headquarters in the United Kingdom and offices in the Middle East, USA and Singapore, Ipsotek's innovative solutions are delivered to end-user clients through a global network of channel partners. Deployments include perimeter protection, intrusion detection, investigation & forensics, traffic management, crowd recognition, number plate recognition and other scenario-based solutions. Ipsotek is an Eviden company.

For more information, please visit www.ipsotek.com.

2. About Eviden

Eviden is a next-gen technology leader in data-driven, trusted, and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud, and digital platforms, it provides deep expertise for all industries in more than 47 countries. Bringing together 41,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

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