SMOAD
NETWORKS
5G

AI-POWERED VIDEO ANALYTICS ON EDGE

Real-time insights for real-time action

AI-powered video analytics on Edge utilises local processing for immediate insights, enhancing surveillance efficiency and security. Analysing data at the source ensures real-time response and reduces dependency on central servers.

>>>> **- SRINI SAMPATH, Founder & CEO, SMOAD Networks**

Ultra-Low Latency:

Edge routers process video data locally, minimising delays for applications like autonomous vehicles and real-time surveillance.

Bandwidth Efficiency:

By pre-processing video data and sending only relevant information, edge routers reduce network congestion and data transfer costs.

Privacy and Security:

Edge-based analytics keep sensitive data on-premises, reducing the risk of data breaches and ensuring better privacy protection.

Scalability:

Edge routers can quickly scale with the growing number of devices, distributing processing power efficiently.

Resilience:

Edge devices can continue functioning even if the central connection is lost, ensuring uninterrupted video analysis and data recovery upon reconnection.

GET IN TOUCH

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