

AI SPECIAL EDITION - 2026

siliconindia

SILICONINDIA.COM

BUSSINESS OF SERVICE

VIDEONETICS

recognized by **siliconindia** *Magazine as*

SI AI COMPANY OF THE YEAR 2026
AI POWERED VIDEO INTELLIGENCE

*Through this Award, we acknowledge and applaud the company's
myriad products and its ingenuity in leveraging best
practices to present unique methodologies that
address complex business demands.*

Mandvi Singh

MANDVI SINGH
Managing Editor

VIDEONETICS:

Defining the Standard for True AI-Powered Video Intelligence in India and Beyond



Artificial intelligence is transforming video surveillance from a passive recording system into an intelligent platform for real-time decision-making. Powered by deep learning, computer vision, and edge computing, AI-driven video intelligence enables organisations to move beyond post-incident investigation toward proactive security, operational efficiency, and predictive insights. As governments, enterprises, and critical infrastructure expand surveillance networks, the focus is shifting from deploying more cameras to extracting actionable intelligence from vast volumes of video data. This evolution demands scalable, interoperable, and privacy-conscious solutions capable of delivering real-time analytics that enhance safety, streamline operations, and support smarter, faster decision-making across diverse environments, not controlled demos.

No Indian company has answered that call more decisively than Videonetics. Ranked India's #1 Video Management Software provider by Omdia and recognised among the top players in Asia-Pacific, Videonetics has spent over 17 years engineering AI-powered video intelligence from the ground up, not adapting foreign technology, but building it indigenously, for the conditions the real

world actually presents. Today, its solutions power 150+ cities, 80+ airports, critical infrastructure, manufacturing facilities, financial institutions, and enterprise campuses across India, Southeast Asia, and the Middle East. By combining advanced AI research with open architecture and customer-centric deployment strategies, Videonetics has positioned itself at the forefront of the industry's transition toward intelligent video computing.

From India's First Indigenous VMS to a Global AI Platform

Founded in 2008 by Dr. Tinku Acharya, an IEEE Fellow, holder of over 180 patents, and former Intel scientist, Videonetics began with a conviction that has never wavered: that video is one of the richest, most data-dense IoT sensors available, and that unlocking its potential requires purpose-engineered AI, not retrofitted analytics. That conviction produced India's first indigenous Video Management Software. It has since produced a comprehensive AI-powered video intelligence platform serving smart cities, airports, critical infrastructure, manufacturing facilities, financial institutions, and enterprise campuses across 150+ cities in India, Southeast Asia, and the Middle East.

According to Bhardwaj Naik, Senior Vice President and Chief Revenue Officer, the company's founding insight was rooted in a clear market failure. "Organisations were deploying thousands of cameras, yet the intelligence extractable from footages remained practically zero. Surveillance was fundamentally reactive, a forensic tool used only after a failure occurred. Videonetics was built to change that equation."

True AI, Engineered for the Real World

At the heart of the platform is "DeeperLook", Videonetics' proprietary deep learning engine, and the technology that separates the company from the field. Rather than limiting AI capabilities to conventional facial recognition or license plate identification, the platform analyses behavioural patterns, crowd dynamics, unusual activities, and structural anomalies, enabling organisations to detect risks before they escalate into incidents.

One of the platform's defining strengths is its fog computing architecture, which enables AI inference directly at the edge. Processing data closer to the source

significantly reduces latency, allowing critical decisions to be made almost instantly while remaining integrated with centralised command-and-control systems. This architecture becomes particularly valuable across airports, transportation networks, industrial facilities, and urban environments where rapid response is essential.

Equally important is what Videonetics deliberately refuses to do. The platform is ONVIF-compliant and hardware and OS agnostic, meaning it integrates across diverse camera ecosystems without locking customers into proprietary hardware. As Naik puts it plainly: "We refuse to lock our customers into proprietary hardware traps."



At Videonetics, we are not building cameras smarter; we are building cities, industries, and institutions more intelligent. That is the standard we are setting, and we intend to own it globally

Addressing the Industry's Most Persistent Challenges

Adoption of AI-based video intelligence faces three persistent industry challenges, and Videonetics has structured its technology strategy specifically around overcoming each one. The first is what Naik calls the 'Garbage In, Garbage Out' trap, AI models that perform flawlessly in pristine demo environments but collapse under poor lighting, extreme weather, or chaotic real-world scenes. "DeeperLook" is hardened on massive, complex datasets drawn from some of the most demanding environments in India and globally. It is built to perform precisely where standard AI systems fail.

The second is infrastructure debt. Most enterprises are constrained by legacy surveillance hardware that cannot easily accommodate next-generation analytics. Videonetics' open, hardware and OS agnostic platform layers advanced AI capabilities directly over existing infrastructure, eliminating the need for costly, disruptive rip-and-replace programmes.

The third is trust and compliance. As AI surveillance scales, privacy must be foundational, not an afterthought. Videonetics embeds privacy-by-design principles at the code

level, ensuring advanced analytics and data anonymisation operate in strict alignment with global governance and data protection frameworks.

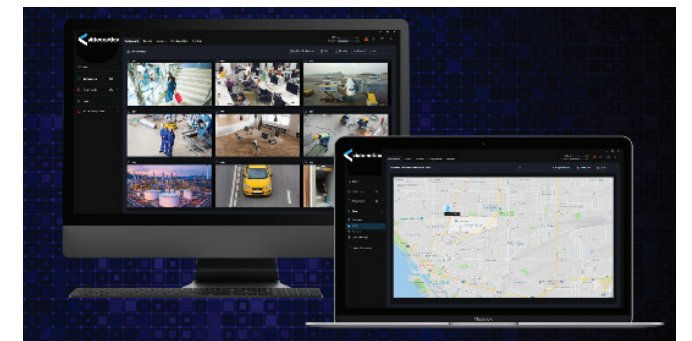
Deployments that Demonstrate Leadership at Scale

Videonetics' technology is already delivering measurable impact across numerous sectors, with one of its most notable deployments being the Andhra Pradesh RTGS CCTV360 project. Integrating approximately 15,000 cameras into a unified AI-powered command-and-control framework, the initiative represents one of the world's largest intelligent surveillance deployments, supporting public safety, rapid law enforcement response, and large-scale situational awareness.

Beyond public infrastructure, the company's solutions are deployed across airports, banking, manufacturing, energy, retail, and smart city ecosystems, where AI-powered video intelligence contributes to faster threat detection, improved operational efficiency, regulatory compliance, and enhanced workplace safety.

The Vision: Global Leadership in True AI Video Computing

In the near future, Naik envisions video intelligence fully maturing from a security tool into an autonomous business intelligence layer spanning urban mobility, industrial safety, and critical infrastructure management. The category is expanding; the question is who defines it.



For Videonetics, the answer is unambiguous. The company's long-term vision is absolute global leadership in True AI-powered video computing delivering technology powerful enough for the world's most demanding environments, and deployable enough for the world's fastest-growing cities and industries. The goal: to enable organisations to operate with greater visibility, faster decision-making, and enhanced resilience in an increasingly connected world.

After 17 years of indigenous innovation, a #1 ranking in India, and deployments that set global benchmarks, Videonetics is not chasing that standard. It is setting it. 