

Nextiva Analytics

Transforming Video into Value

Nextiva Analytics combines sophisticated, next-generation analytic technologies with the power and flexibility of the Nextiva enterprise-class video management platform.

Nextiva Analytics frees security personnel from hours of tedious, unproductive video review and provides them with timely intelligence about events of genuine importance to your organization.

Using rules built around your security policies and critical information from your access control, transaction, and other enterprise systems, Nextiva Analytics automates event detection and response to proactively address potential threats, promote optimal response to emergency situations, and facilitate investigations.

Ease of Use Plus the Robust Functionality of the Nextiva Video Management Platform

Nextiva Analytics is designed for usability, automatically delivering intelligence that security and management personnel need and can readily use. Nextiva Analytics is fully integrated with the Nextiva enterprise-class video management platform and software applications, including Nextiva IntelliFlow, a sophisticated rules-based engine that provides automated, policy-based event notification, video distribution, and process activation.

Analytics “At the Edge” for Superior Accuracy, Scalability, and Affordability

Nextiva Analytics can be applied to high-quality video at the point of capture without the need to send all data to centralized servers for analysis. These analytics at the edge provide superior accuracy, increase scalability, lower deployment costs, and reduce data transport and storage requirements.

Nextiva Analytics detects significant events as they occur and alerts the right personnel in real time.

Nextiva analyzes live video in real time to detect, identify, and track objects of interest.

Then, Nextiva issues automatic alerts to appropriate personnel according to the structure of your organization, and initiates appropriate follow-up action according to rules that you define.

Nextiva Analytics rapidly zeroes in on important events and patterns in large volumes of stored video.

The Nextiva Forensic Analyzer rapidly detects specific events, pinpoints unusual activity, and uncovers behavioral patterns.

Nextiva helps users understand the context in which significant events have occurred. With just a click, users can view pre- and post-event video.



Robust Analytics to Enhance Security and Business Performance	Nextiva Intelligent Edge Devices with On-Board Analytics		
	Advanced VMD Package	Perimeter Intrusion Package	Critical Infrastructure Package
Out-of-the-box integration with the Nextiva Video Management Platform, including rules-based video recording and distribution, automated health monitoring and diagnostics, and flexible video viewing	✓	✓	✓
Fully functional in virtually all weather environments, day/night applications, and complex scenes	✓	✓	✓
Object detection, identification, and tracking in real time	✓	✓	✓
Rapid detection of events in stored video using Nextiva Forensic Analyzer	✓	✓	✓
Object classification to distinguish between people and vehicles for more pertinent intelligence and fewer false alarms	✓	✓	✓
Ground/image plane distinction to detect objects whose footprint is within an area of interest	✓	✓	✓
Double tripwire to detect movement across two tripwires in a specific order and timeframe		✓	✓
Behavior related to a specific area of interest: <ul style="list-style-type: none"> Object enters, exits, or is present in area of interest Object appears or disappears from a scene through area of interest Object left behind or taken away from area of interest Object loitering in area of interest 	✓	✓	✓
	✓	✓	✓
			✓
			✓
Powerful filters to minimize false alarms: <ul style="list-style-type: none"> Minimum and maximum object size Change in object size 	✓	✓	✓
	✓	✓	✓
Automatic View Recognition, enabling the definition of different view-specific rules for up to 6 PTZ pre-sets			✓

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