



## NiceVision Video Analytics

Enhancing Security Effectiveness and Operational Efficiency

As the number of cameras deployed across a video surveillance network increases, the ability of security personnel to attentively scan all the video feeds actually decreases. Clearly, the need for an intelligent system that functions as a detection solution for the accurate, immediate identification of suspicious situations is crucial for security personnel to do their jobs effectively. Widely regarded as one of the leading players in the development and deployment of comprehensive IP video surveillance systems for proactive security management, NICE Systems offers a portfolio of field-proven Video Analytics applications that function as your system's intelligent detection solution. When expertly deployed with NICE's Professional Services teams, Video Analytics provides the clarity security organizations need for their surveillance operations.

Insight from Interactions™



## NICEVISION VIDEO ANALYTICS TAKES VIDEO SURVEILLANCE TO THE NEXT LEVEL

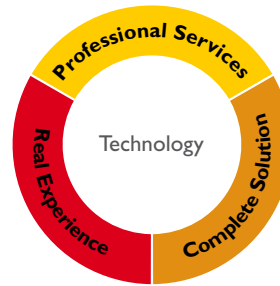
NiceVision Video Analytics (VA) applications have been deployed and proven to perform effectively in a variety of real-life, mission critical locations, including airports, public transport hubs, and government facilities as well as commercial facilities around the world. The success and levels of performance reached with our VA deployments is in large part due to the holistic approach NICE takes in designing, delivering and then servicing our solutions. NICE achieves next-level results for our customers by knowing just how to extract the maximum — continually.

### YOUR SMART RECORDER

NiceVision's Smart NVR software can potentially turn any channel into a smart one. It also provides you with valuable flexibility when allocating VA and non-VA channels and with future expansion options. Since NiceVision's Video Analytics processing is done in the recorder, it eliminates dependency on the capabilities of any particular edge device.

- Fully flexible — no need to define VA channels in advance
- Edge device agnostic — eliminates all dependency on peripheral equipment for VA's functionality
- One platform — for both recording and VA processing, reducing overall cost and energy consumption
- Simplified maintenance — with storage and VA on the same platform
- Future ready — VA can be applied to any new channel
- Implementation options — available as both a turnkey project and software-only solution

## THE NICE ADVANTAGE



### Professional Services

Video Analytics reaches its full potential only when combined with a set of professional services that assure optimal results. NICE's Professional Services team helps customers set and achieve objectives, provides consulting during your system's design, handles installation and setup and fine tunes the system's performance in on-going improvement cycles ensuring that VA's potential is fully realized..

### Part of a Complete Solution

While an effective algorithm, the robustness of a system and proficiency of an implementation are vitally important to success of Video Analytics, equally important is its ability to be integrated into the larger surveillance system. All surveillance processes — from recording to investigation — are integrated with VA applications by presenting alerts, highlighting decision data, and facilitating complex surveillance operations. NICE's customers enjoy the advantages of having a single vendor for all their surveillance solution components.

### Real Experience

Unquestionably, Video Analytics' success depends heavily on field experience from real-life situations. NICE has delivered larger, more demanding VA projects for longer than many other vendors in the industry. Thousands of NICE's VA solutions are installed in international airports, transportation terminals, government facilities and traffic management operations throughout the world.

### The Technology

NICE's VA applications support any kind of analog or digital camera equipment, and without the need for a dedicated server. NICE has developed unique weather and motion filters proven to provide the most reliable results even in the harshest conditions. NICE keeps VA technology development in-house, assuring our continuous commitment to its evolution.

## COVERAGE FOR PUBLIC TRANSPORT INFRASTRUCTURE

One of the biggest challenges Public Transport operators face is securing and controlling the vast environment they operate in. Additionally, public transportation has the added challenge of safety issues and accident prevention. To address these challenges, video surveillance is widely implemented, and when applying NiceVision's VA applications it also can become a highly effective solution.

- Alerts to hazardous situations at bridges and level crossings
- Detects unauthorized personnel in tunnels and on tracks
- Provides platform crowd control
- Protects train yards, parking lots and depots
- Identifies queuing and crowding bottlenecks

## SMOOTHING THE PATH THROUGH AIRPORTS

One of the biggest challenges facing airport operators is maintaining the highest levels of security. From monitoring critical areas to sterile zone protection and potential threat detection, almost all daily airport tasks involve security considerations. As more precautions are taken for security purposes, there is an increasing incidence of delays and crowding. This in itself poses security issues and reduces time and money spending in commercial areas, not to mention lower level of passenger satisfaction. NiceVision's video surveillance and VA applications help airport operators secure their facilities and their passenger's satisfaction.

- Provides perimeter protection
- Detects bottlenecks at security checks, gates and check-in counters
- Identifies breaches in gate security
- Indicates overcrowding throughout the terminal
- Alerts for people moving in the wrong direction in security-critical locations
- Detects potential threats in terminals and parking areas from vehicles or unattended baggage

## FIRST LINE OF DEFENSE FOR CRITICAL INFRASTRUCTURE, EDUCATIONAL AND CORRECTIONAL FACILITIES

Facilities like government buildings, public utility plants, and universities rely heavily on video monitoring for the early detection of potential security breaches. Intrusion detection and perimeter control is mission critical for many of these locations, being their first line of defense. NiceVision's VA applications alert security organizations in real-time to suspicious activity, allowing them to verify then allocate resources and respond immediately.

- Reports unauthorized access to secured areas Detects loitering
- Indicates overcrowding
- Identifies unauthorized vehicles



## EFFICIENT RESOURCE ALLOCATION FOR CITY CENTERS

The smart and efficient allocation of resources is absolutely necessary when tackling the problems of our busiest and most congested urban centers. By utilizing video surveillance and NiceVision's VA applications, first responders and emergency authorities can allocate the necessary resources to diffuse potential hotspots before they become problematic. With an ability to verify incoming alerts using real-time video feeds, precious resources can be conserved and additional congestion avoided.

- Alert to crowd gathering near sensitive locations
- Intrusion detection of restricted or dangerous areas
- Identifies vehicles blocking lanes or access
- Early notification of traffic congestion
- Reports double-parked vehicles
- Monitors occupancy levels at designated locations



## SECURING YOUR SECURITY SYSTEMS


















Camera tampering can seriously impede video capture and incident investigation and often goes undetected, especially in remote locations where you need it most. The manual inspection of large-scale video networks can be prohibitively expensive and time consuming. Detecting a problem often only happens when searching through recorded video — only to find it unusable. NiceVision's Camera Tampering Detection solution automatically identifies and alerts to problems such as camera redirection, scene too dark, scene too bright, covered camera and out-of-focus camera.

- Guarantees video image integrity for 24/7 operation
- Protects your video surveillance investment



## The NICE Choice

NICE solutions are effectively deployed all over the world securing international airports, transportation terminals, world monuments and government facilities. In order to provide solutions capable of effectively addressing the challenge of securing such critical operations and organizations, a company must not only have state-of-the-art technological capabilities, but the service teams to implement and operate them, along with ample experience in large scale deployments and an offering comprehensive enough to provide complete coverage. NICE offers the experience and expertise, financial stability and industry leadership that are necessary for today and for the future of your security systems. NICE Systems is not just a market leader – we are leading the way

<b>Collaborative Event Management</b> 	<b>Control Room Management Virtual Matrix</b>  Decoder      Management workstation		<b>Remote Viewing</b>  PDA client      Web Client			
<b>NiceVision Video Analytics</b> 	<b>Vehicle Detection</b> 	<b>People Count</b> 	<b>Intrusion Detection</b> 	<b>Crowd Control</b> 	<b>Counter Flow</b> 	
<b>Multimedia Recording</b> 	<b>NiceVision Digital - Digital Video Recording &amp; Storage</b>  Enterprise Class DVRs      DAS/SAN/SCSI/Storage solutions		<b>NiceVision Net - Network Video Recording &amp; Storage</b>  NVR 9000 Enterprise-class scalable solution      NVS 1000		<b>SafeRoute - Onboard Video Surveillance</b>  NiceVision MDVR 1010	
<b>Edge Devices</b> 	<b>NiceVision Net Encoders</b>  NVE 1008 Eight-channel encoders      NVE 1002 Smart indoor encoder      NVE 1002/XT/CA Smart outdoor encoder			<b>Third-party IP Cameras</b>  IP cameras      Megapixel cameras		<b>SafeRoute Cameras</b>  Mobile vandal-resistant cameras

NiceVision's Video Surveillance Solution

**ABOUT NICEVISION** NiceVision® helps leading organizations enhance their security operations and improve performance using intelligent digital video solutions. NiceVision integrates real-time analysis, IP networking, recording and management to enable automatic threat detection, instant verification, event resolution and effective investigation.

**ABOUT NICE** NICE Systems (NASDAQ: NICE) is the leading provider of Insight from Interactions™ solutions and value-added services, powered by advanced analytics of unstructured multimedia content - from telephony, web, radio and video communications. NICE's solutions address the needs of the enterprise and security markets, enabling organizations to operate in an insightful and proactive manner, and take immediate action to improve business and operational performance and ensure safety and security. NICE has over 24,000 customers in more than 150 countries, including approximately 80 of the Fortune 100 companies. More information is available at [www.nice.com](http://www.nice.com).

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