NICEVISION VIDEO ANALYTICS

The amount of information converging in today’s control room is massive, almost unimaginable. Identifying what’s relevant and what’s not is an impossible task for security personnel to do accurately and promptly. That’s where NICE Systems Video Analytics solutions come in. They intelligently identify what you need to know and when, so your security operations can focus on real-time response and resolution.

THE CHALLENGE OF TOO MUCH INFORMATION

The demand for an intelligent system that automatically identifies potential harmful events has been fueled by the vast and unmanageable amounts of data entering today’s security control room. Widely regarded as one of the leading players in the development and deployment of comprehensive and proactive IP video surveillance systems, NICE Systems offers a portfolio of field-proven Video Analytics applications that function as the 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.

MEETING YOUR EXPECTATIONS

Developed in-house, our NiceVision state-of-the-art VA applications lead the market in performance. Based on our vast experience, we’ve learned that successful VA project deployments are comprised of multiple elements that all carry equal importance.

Experience — NICE has over 10 years of field-proven experience with surveillance and VA deployments. Protecting some of the world’s most security-conscious environments has given us the knowledge and insight to meet our customers’ expectations.

Services — Our dedicated Video Analytics Professional Services use their unmatched experience to design, develop and deploy VA systems customized to the specific needs of our customers’ environments.

Systems — NiceVision’s leading-edge, integrated-surveillance systems are designed to seamlessly work together, boosting the efficiency and functionality of the entire solution.

DELIVERING INTELLIGENCE TO YOUR SECURITY AND SURVEILLANCE SOLUTIONS

NiceVision Video Analytics (VA) applications have been deployed and proven to perform effectively in a variety of mission-critical locations, including airports, public transport hubs, utilities and government facilities around the world. The NiceVision VA offering is divided into two main offerings: Intrusion Management and Crowd Management.
INTRUSION MANAGEMENT

Intrusion Management effectively protects critical areas using a comprehensive Perimeter Intrusion Detection Solution (PIDS). It features NiceVision 4th-generation intrusion detection algorithms, in addition to Automatic PTZ Tracker capabilities. The advantages of a VA-enabled, video-based PIDS approach compared with other technologies include:

- Early detection — even before the intruder is crossing the fence line
- Multiple intruder detection including those approaching from different directions
- Easy verification and response
- Continuous tracking for real-time awareness of intruder’s location

准确的入侵检测在所有情况下

NiceVision VA入侵检测解决方案用于高精度的目标检测和跟踪。有效且无条件，它能够检测到入侵者，然后将其自动传递到PTZ摄像机。PTZ摄像机在检测到入侵者后，会自动跟踪其移动。PTZ摄像机的准确度不受恶劣户外条件的影响，能全天候运行，提供智能安全保护。

自动PTZ跟踪

周界和区域保护可以大大改进，使用自动PTZ跟踪。当固定摄像机启用入侵检测能力或其他传感器检测到入侵者时，它会自动将跟踪任务转移到PTZ摄像机。PTZ摄像机可以连接到多个固定摄像机或其他传感器。NiceVision解决方案将普通PTZ摄像机转换为智能摄像机。

- 帮助安全人员实现多任务跟踪
- 易于实时入侵检测和跟踪
- 帮助追踪入侵者的精确位置
- 准确的入侵检测在所有情况下

Crowd Management VA solutions from NiceVision will:

- Increase your customers’ safety and satisfaction
- Reduce delays and protect commercial turnover
- Enable more effective operations and security personnel allocation
- Detect potential incidents
- Improve service and increase revenues by preventing delays
- Provide trend analysis
NICEVISION VA AS PART OF A COMPLETE VIDEO SURVEILLANCE SYSTEM

NiceVision VA is integrated as a software layer in the Video Surveillance System, which has many advantages as indicated below:

Supports Any Edge Device — NiceVision VA is deployed as a software layer on the Smart Video Recorder (SVR), and can thus work with any edge device — analog, IP, MP, and HD cameras — providing you the freedom of choice to select the most cost-effective components.

Reduced Total Cost of Ownership — The high-density SVR is capable of running up to 40 VA cameras on single platform, and 128 recording channels, significantly reducing the number of servers required for VA deployment, lowering both CAPEX and OPEX.

Easy Activation and Flexibility — All NiceVision SVRs are ready for VA deployment; you can decide to activate any video analytics application on any camera, simply by enabling the licensing mechanism. You can also change the cameras on which a given VA application is deployed according to evolving needs.

Full Redundancy — Aligned with NiceVision’s end-to-end redundancy approach, VA solutions benefit from all redundancy capabilities.

Open Solution — NiceVision’s open architecture and plug-in functionality gives you the flexibility to integrate seamlessly with third-party systems, using the components best suited to your budget and needs.

Integrator-Friendly Tools — NiceVision VA solutions support several tools that will make deployment easier and faster.

Supports Multiple VA Applications — Enabled by the SVR’s flexible architecture, one or more VA applications can run on a specific camera either simultaneously or via the scheduler tool.

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 SYSTEMS

NICE (NASDAQ: NICE) is the worldwide leader of software solutions that deliver strategic insights by capturing and analyzing mass quantities of structured and unstructured data in real time from multiple sources, including, phone calls, mobile apps, emails, chat, social media, and video. NICE solutions enable organizations to take the Next-Best-Action to improve customer experience and business results, ensure compliance, fight financial crime, and safeguard people and assets. NICE solutions are used by over 25,000 organizations in more than 150 countries, including over 80 of the Fortune 100 companies. www.nice.com

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