

 Qognify



# QOGNIFY VIDEO ANALYTICS

# GETTING THE RIGHT INSIGHTS TO THE RIGHT PEOPLE AT THE RIGHT TIME

## QOGNIFY 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 Qognify 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, Qognify offers a portfolio of field-proven Video Analytics applications that function as the system's intelligent detection solution. When expertly deployed with Qognify's Professional Services teams, Video Analytics provides the clarity security organizations need for their surveillance operations.

## DELIVERING INTELLIGENCE TO YOUR SECURITY AND SURVEILLANCE SOLUTIONS

Qognify 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 Qognify VA offering is divided into three main offerings: Intrusion Detection, Crowd Management and Suspect Search.

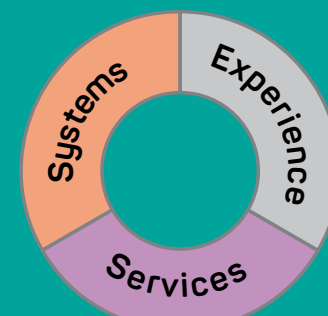
## MEETING YOUR EXPECTATIONS

Developed in-house, our Qognify 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** – Qognify 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** – Qognify's leading-edge, integrated-surveillance systems are designed to seamlessly work together, boosting the efficiency and functionality of the entire solution.



Successful Video  
Analytics Solution

## INTRUSION DETECTION

Intrusion Detection effectively protects critical areas using a comprehensive Perimeter Intrusion Detection Solution (PIDS). 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

### Accurate intrusion detection in all conditions

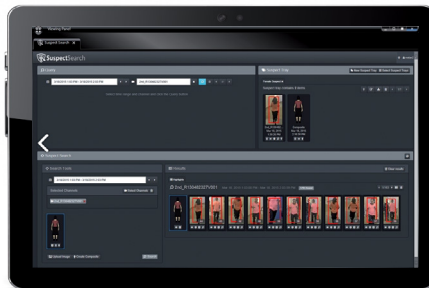
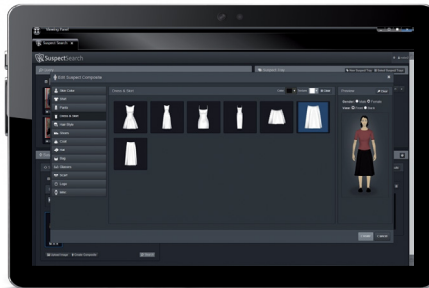
Qognify VA intrusion detection solution is used for high-accuracy object detection. Effective regardless of harsh outdoor conditions, it maintains accuracy 24/7 and provides:

- Automated, effective perimeter protection
- Immediate event recognition
- Easy event search for intrusion investigation

## QOGNIFY SUSPECT SEARCH

A multi award winning video analytics technology that efficiently helps locate and track a specific person when time is of the essence by reducing search time from hours to minutes. With it, you'll be able to track a target individual's movements from location to location, and access all relevant associated recording. With Suspect Search you will be able to:

- Accelerate suspect apprehension
- Expedite forensic searches
- Improve your response
- Prevent criminal activity
- Reduce business interruptions



## CROWD MANAGEMENT

Overcrowding is not only a safety issue. It can cause customer dissatisfaction and commercial repercussions. Qognify Crowd Management solutions generate important operational insights regarding passenger flow, bottlenecks, and safety concerns, providing the basis for improvement and avoidance. It also improves customer satisfaction and mitigates unnecessary risk.

Qognify Crowd Management VA applications address solutions for:

**Crowd Control** – with automatic detection and alerts for excessive crowds based on scene occupancy measurements.

**Counter-Flow Detection** – automatically detects and alerts personnel to people moving in the wrong direction in security-critical locations such as airports security check points.

**People Counting** – counts the number of people entering from one or several passages. The service provides 24/7, fully automated reports and trend analyses for valuable operational insight.

**Line Control** – improves customer satisfaction and commercial efficacy by notifying personnel for rapid resolution.

**Crowd Management VA solutions from Qognify 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



## QOGNIFY ANALYTICS AS PART OF A COMPLETE VIDEO SURVEILLANCE SYSTEM

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

**Supports Any Edge Device** – Qognify Analytics 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 Video Analytics cameras on single platform, and 128 recording channels, significantly reducing the number of servers required for analytics deployment, lowering both CAPEX and OPEX.

**Easy Activation and Flexibility** – All Qognify SVRs are ready for video analytics 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 analytics application is deployed according to evolving needs.

**Full Redundancy** – Aligned with Qognify's end-to-end redundancy approach, video analytics solutions benefit from all redundancy capabilities.

**Open Solution** – Qognify'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** – Qognify analytics 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 analytics applications can run on a specific camera either simultaneously or via the scheduler tool.

### ABOUT

Qognify helps organizations mitigate risk, maintain business continuity, and optimize operations. The Qognify portfolio includes video management, video and data analytics, and PSIM/Situation Management solutions that are deployed in financial institutions, transportation agencies, airports, seaports, utility companies, city centers, and to secure many of the world's highest-profile public events. [www.Qognify.com](http://www.Qognify.com)

Get in Touch: [www.Qognify.com/get-in-touch](http://www.Qognify.com/get-in-touch)

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