



## EXECUTIVE SUMMARY

### Partner Designation:

- Technology Developer Partner
- Industry Solutions Developer Program
- Industry Solutions Partner Network

### Associated Cisco Solution:

- Cisco Open Platform for Safety and Security

### Customer Benefits:

- More effective, proactive 24-hour security for increased public safety
- Efficient use of resources, with automated, real-time detection of potentially threatening events
- Cost-effective, scalable solutions (compatible with future versions and easy to integrate with other systems)
- Deployment flexibility (in indoor, outdoor, wired, wireless, and extreme conditions)

### Targeted Industries:

Local, state, and federal government agencies, including:

- Department of Defense, military bases
- Homeland Security
- Customs and border control
- Critical infrastructure (ports, dams, airports, mass transit, nuclear power plants)
- Public safety and first responders

### Geographical Regions Served:

- Global

## ObjectVideo® OnBoard®

### Partner Overview

**ObjectVideo is the leader in video-based intelligence, with more than 800,000 channels sold. The company's patented technology analyzes video for the detection, classification, and tracking of objects of interest according to user-defined rules. As a trusted computer vision research and development vendor for numerous government agencies, ObjectVideo has produced and deployed innovative security capabilities for the most critical environments.**

### Partner Solution Description

Dams, seaports, energy plants, government buildings, and military infrastructure—all these facilities require the best protection possible. However, many organizations recognize that simply deploying more surveillance cameras does not increase security, especially if there is insufficient personnel to monitor video feeds or analyze stored video data.

ObjectVideo technology promotes a more effective and proactive security posture while meeting the need for a cost-effective solution. The technology automatically analyzes video surveillance data to identify a wide array of events and activities such as perimeter breaches, loitering, unauthorized entry or exit, and theft. ObjectVideo software employs patented algorithms to detect, classify, and track objects, and it immediately generates useful output such as real-time alerts, triggers for other applications, or stored business data whenever user-defined rules are violated.

ObjectVideo is the leader in wide-area surveillance of fence lines, property boundaries, or other unmarked perimeters. Solutions include deployments for portable and mobile devices, as well as central command and control operations. For waterside locations,



ObjectVideo analytics provide effective monitoring of shorelines, piers, docks, and vessels, taking into account tides, waves, and swimmers. With the software's easy rule creation and streamlined integration tools, security teams can effectively monitor entryways or access points to prevent break-ins, unauthorized access, and camera tampering.

### Core Components of the Partner Solution

ObjectVideo software solutions are based on an open architecture. To facilitate flexible, cost-effective deployments, ObjectVideo offers original equipment manufacturers a software-on-a-chip solution, called ObjectVideo OnBoard. With ObjectVideo OnBoard, the analytic software is integrated onto an Intel- or TI-based, processor that is embedded in a camera, encoder, network router, storage device, or video server. Currently the software is embedded on a video server card available for the Cisco® 3200 Series Routers. Regardless of the form factor, users can define events of interest, and triggered alerts are automatically sent to the notification and collaboration systems.

### Related Cisco Products

- Cisco 3200 Series Routers
- Cisco Open Platform for Safety and Security

### Related Partner Information

- Case Studies: <http://www.objectvideo.com/customers/casestudies/>
- White Papers: <http://www.objectvideo.com/products/onboard/whitepapers/>

### For More Information

#### ObjectVideo

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