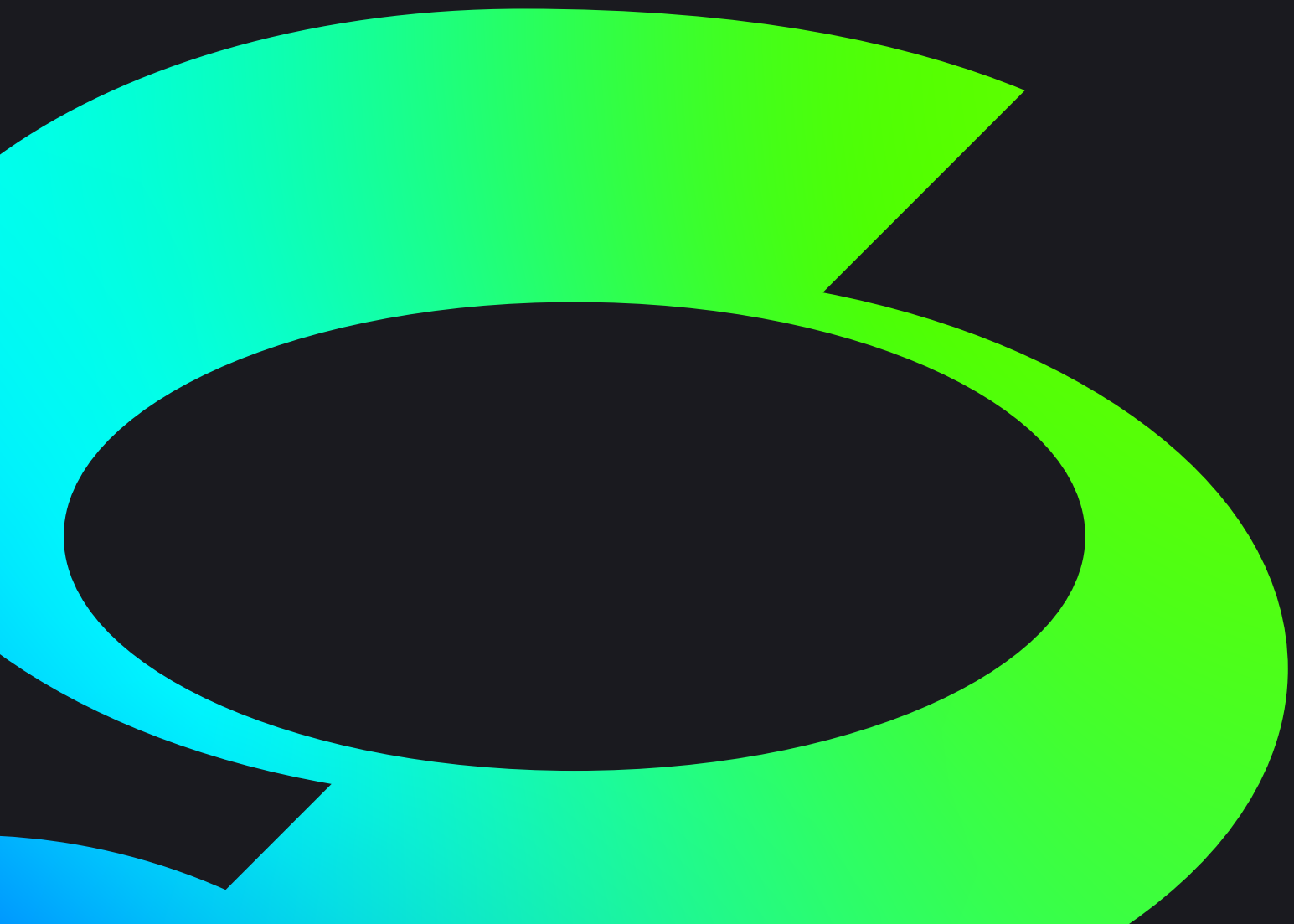
SOLUTION SHEET

Object detection

Octave Coda Video Analytics

Automatically identify potential threats



Solution



Object detection
with Octave Coda Video Analytics

Detect left or removed objects in indoor environments with Octave Coda Video Analytics (formerly HxGN dC3 Video | Analytics). This application offers customizable configuration options for target object sizes and detection parameters. The system is well-suited for surveillance of critical areas in various settings such as stores, museums, airports and manufacturing / warehouse areas. The object detection system is part of a broader suite of video analytics applications and can be combined with other analytics tools to create a comprehensive security package.



Use cases



Theft detection

- Detect removed objects on desks and other surfaces
- Bag and suitcase left behind / stolen



Safety and security

- Left / removed objects
- Blocking of pathways, entries or emergency exits
- Loitering

Key features

Algorithms

- Detect left or removed objects
- Variable object size
- Configurable alert timeout
- Optimized for indoor scenarios with stable light conditions

Triggers

- Left or removed object (can include an alarm expiration time)

General characteristics

- Double motion detection system for general static object left and removed detection

Configuration

- Easy scene calibration based on body sizes directly in the live video view
- Minimize false alarm rates

Technical requirements	
Minimal pixel density for motion detection	12 pixel / meter calculated for VGA; resolution 10-20 fps
Operating system	Windows
RAM	Minimum 16 GB
HDD	SSD
CPU	Intel CPU seventh generation or higher with AVX2

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

©2026 Octave Intelligence plc and/or its subsidiaries and affiliates. All rights reserved.

octavesecurity.com