



## ScadaCam® Can Be Your Surveillance Automation Platform



ScadaCam Intelligent Surveillance System is an IP-based automation platform that offers superior analytics and integration capabilities. Serving as a powerful security tool, ScadaCam automates the monitoring of critical infrastructure assets without the need for dedicated surveillance staff. An important added benefit of ScadaCam is that it enables you to complete many tasks that would have traditionally required a site visit, such as inspecting equipment, diagnosing issues, and resolving maintenance problems. By making ScadaCam your eyes in the field, you reduce the need for costly site visits, thereby decreasing expenses and more effectively leveraging your personnel.

Because ScadaCam is a web-enabled software system, it acts as a virtual control center, allowing anyone with the proper security clearance and an active internet connection to access the system remotely. ScadaCam's rule-based software engine allows you to specify how, where, and when to monitor your sites. ScadaCam can even *predict* an event, such as an overheating element or unauthorized access, and notify you through a monitoring application, email, or cell phone text message. You can also retrieve historical and live streaming video for investigation.

The chart below outlines several ways that ScadaCam can be your platform for integrating security and operational surveillance technologies and capabilities.

Platform Element	ScadaCam Feature
Advanced analytics	<p>ScadaCam includes a unique rule engine that actually detects, validates, and predicts unauthorized access. In fact, it is the only system in its price range that can automatically perform guard tours and track an object in motion, with a changing background, using a moving camera.</p> <p>The specialized analytics allow ScadaCam to:</p> <ol style="list-style-type: none"><li>1) Detect and validate motion based on object size and trajectory using 7 pixels or less</li><li>2) track a moving object with a changing background using either a moving pan tilt camera or a fixed camera</li><li>3) hand off tracking of objects between multiple cameras and plot the motion on a geospatial-based site map</li><li>4) Set unlimited block out zones that all cameras respect</li></ol>

Device integration	<p>The system can integrate visual, thermo-imaging, and thermographic cameras, as well as motion detectors, card readers, gate activators, SCADA alarms, and video storage devices.</p> <p>Alerts can be integrated with the visual capabilities of the system to validate and capture the activity while alerting the appropriate personnel.</p>
Accessibility	<p>Designed to be accessed through private or public networks using standard internet protocols and tools, ScadaCam ensures that staff and contractors can view their permission-based information via any Internet connection.</p>
Configurability	<p>Surveillance activities, alarming, block out zones, and access is entirely configurable by users.</p>
Value added applications	<p>The system can automate functions previously requiring significant labor and provide efficient archiving of historical information.</p>
Cross functionality	<p>Security, operations, asset management, and other functions can use the same system to meet their unique needs. For example, security may use the system to obtain automated early warning of intrusions on the perimeter of secured sites. Operations can examine multiple remote sites during routine inspections or emergencies without sending field personnel first. Asset management can gather and analyze the thermal temperature of equipment to help predict and determine failures.</p>
Centralized information	<p>ScadaCam serves as a shared data repository for surveillance, operations, and asset information.</p>
Expandability	<p>Each system controller can manage up to seven cameras at a time. Additional cameras and OCC's can be added incrementally to a site. Also, additional sites can be incorporated as needed. Intelligence is distributed at each site that interfaces with the system controller.</p>
Climate controlled environment	<p>Unlike traditional IP-based cameras whose internal controller is housed with the camera, ScadaCam's controller is located in a separate climate-controlled environment, providing increased processing power and better overall performance.</p>

For more information on ScadaCam, please contact us at 1-866-798-7499, or visit us online at [www.pivotal-vision.com](http://www.pivotal-vision.com).