



# iView

## Features and Functions

PSS's iView Image Exploitation Software was designed and developed by PSS to provide Analysts with a powerful tool to receive and analyze data feeds from PSS HawkEye II Wide Area Airborne Surveillance systems, PSS Vision RL fixed Wide Area Surveillance systems, and/or a variety of other image sensors whether provided by PSS or other vendors.

In addition to providing imagery for analysis, PSS iView can also receive feeds from XML based sensors to alert analysts of other events in their coverage area. Feeds from ground based vibration sensors, acoustic gunshot location sensors, and automated license plate readers are just a sampling of what iView can integrate.

### iView Screen Print - Monochrome





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FEATURES				FEATURES
General	Tracking System	Image Manipulation	Motion Detection	Command & Control
<ul style="list-style-type: none"> <li>• Intuitive Software Interface</li> <li>• Easy Time Manipulation</li> <li>• Analog and Digital Clocks</li> <li>• Compass</li> <li>• Altitude Display (MSL)</li> <li>• Multi-monitor support</li> <li>• Event Detection Alarm</li> <li>• Multi Layer View</li> <li>• Event Icons</li> <li>• Geo Rectified</li> <li>• Ortho Rectified</li> <li>• Display Coordinates of cursor</li> </ul>	<ul style="list-style-type: none"> <li>• Track multiple targets (unlimited)</li> <li>• Predict Next Point</li> <li>• Google Earth Interface</li> <li>• Track Line Navigation</li> <li>• Active Track Display</li> <li>• Estimated Speed Display</li> <li>• Track Reports</li> <li>• Track Comments</li> <li>• Comment Timeline</li> </ul>	<ul style="list-style-type: none"> <li>• Allows analyst to enhance image to improve Analysis results</li> </ul>	<ul style="list-style-type: none"> <li>• Ability to detect motion in imagery</li> </ul>	<ul style="list-style-type: none"> <li>• Progressive Tracking</li> <li>• Shared data drive</li> <li>• Event coordination</li> <li>• Name/Tag/ID Assignment</li> <li>• Allows efficient exploitation of other sensors</li> </ul>
FUNCTIONS				FUNCTIONS
<ul style="list-style-type: none"> <li>• Go to specific time</li> <li>• Change image direction</li> <li>• Set time loop</li> <li>• Set frame rate</li> <li>• Image Stabilization</li> <li>• Measuring Tool</li> <li>• Set Grid View</li> <li>• Zoom</li> <li>• Reset Zoom</li> <li>• Command and Control Spotter Cameras – “Cue &amp; Slew”</li> </ul>	<ul style="list-style-type: none"> <li>• Establish Track</li> <li>• Show Track Lines (1-n)</li> <li>• Color code tracks</li> <li>• Center window on point</li> <li>• Export tracks to Google Earth</li> <li>• Go to point in Google Earth</li> <li>• Go to Coordinates</li> </ul>	<ul style="list-style-type: none"> <li>• No Border</li> <li>• Contrast</li> <li>• Contrast Enhancement</li> <li>• Flashlight</li> <li>• Color Shift</li> <li>• Color Adjust</li> <li>• Sharpen</li> <li>• Invert</li> <li>• Bloom</li> <li>• Gloom</li> <li>• Bright Extract</li> <li>• Embossed</li> <li>• Monochrome</li> <li>• Magnify</li> <li>• Stoplight</li> <li>• Swirl</li> </ul>	<ul style="list-style-type: none"> <li>• Set detection threshold</li> <li>• Set Detection Rate</li> <li>• Set alarm size</li> <li>• Replay detection history</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on/off tracking</li> <li>• Access image / sensor data from shared storage server</li> <li>• Display event Icons</li> <li>• Multi-layer support</li> </ul>