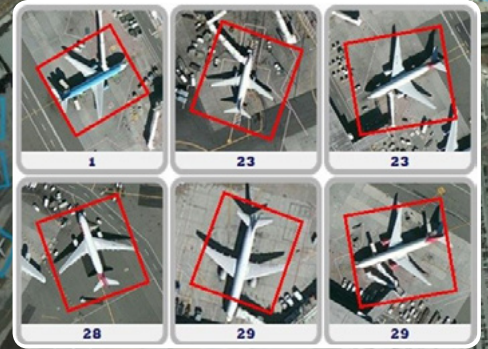


Visual Profiler for SOCET GXP®

A revolutionary solution for the detection, interpretation, and classification of objects of interest

Powered by Video Inform™



With increasing volumes of imagery captured through a variety of sensors, it remains extremely difficult to manage the identification and interpretation of targeted objects. Addressing this challenge, Visual Profiler technology delivers automated detection and distinct counts of items from both aerial and satellite imagery.

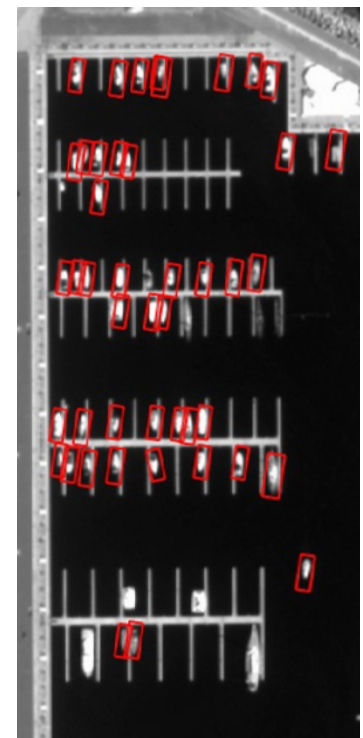
Developed by Video Inform™ and integrated into SOCET GXP®, Visual Profiler utilizes a cognitive vision and profiling methodology (using machine learning algorithms and state of the art deep learning schemes) to provide unlimited target object definition and profiling flexibility. From distinct infrastructure components (structures, pools, powerlines, etc.) and specific vehicle types, to vessels and wildlife, this breakthrough technology provides rapid counts of a wide variety of objects of interest.

Applicable to a broad range of needs including intelligence, security, and law enforcement, as well as expanding applications in retail and wildlife monitoring, Visual Profiler leverages an interactive feedback mechanism that continuously increases detection precision.

- » Simple and intuitive interface
- » Compatible with a variety of visual data and variable resolutions
- » Resilient and robust to adjust to lighting and seasonal effects
- » Investigation tools to provide means of exploring ranked visualized results

Delivering significant benefits over legacy systems of manual discovery and change detection, our Visual Profiler solution provides:

- » High detection ratios
- » Orders of magnitude savings in time and resources
- » Field proven and fully operational capability
- » Results layer delivered in interoperable GIS format



GXP Geospatial solutions
to ensure a safer world.

VIDEOinform
FOR A BRIGHT VISION



Detection and classification of pickup trucks in an urban environment.



Identification and count of all vehicles in a suburban region.



Identification of solar water heaters on rooftops of urban housing.



Observation of Savannah elephant population in sub-Saharan Africa.

All imagery provided by Video Inform™

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