



ActiveSentry™

Remote Asset Protection Elegance

Extended Awareness

Trespasser Detection
Immediate stream to iPhone

Contact your Security Provider
www.jet-protect.com

VFR™ - Virtual Fence Radar





A Solution of Ingredients for Reliable High Security:

- Long range trespasser detection in all weather, day or night
- Video of the trespasser in real time
- Low Power enables remote Autonomous Operation
- Small number of sensors – Low installation and ownership costs
- IP/Ethernet Infrastructure – Private Segment and Cloud Access
- Video/Radar/Metric Archive at the Sensor and on the Network



Hardware Overview

ActiveSentry™ Remote Location Super Kit

VFR™ Radar

Chase™ 8 Precision Positioner

INTERROGATOR™ IR/NIR/VIS Cameras/Processor

CataPult20™ Payload Vessel & Lowering System

CL3500 Photonic Deterrence System

Solar-Battery Power Plant

802.11 15Km Radio

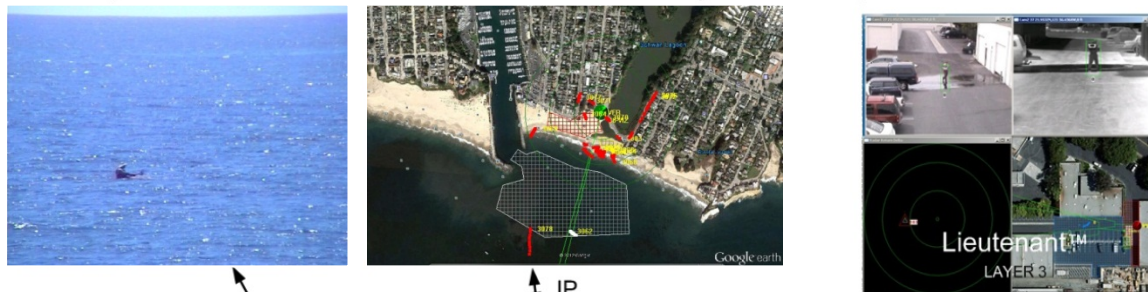
7.5 Sq Mile Coverage - 24vdc, 150W All In





Software Overview

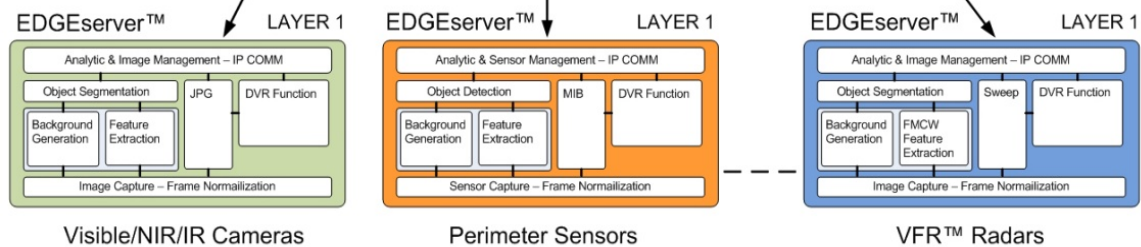
Multiple Lieutenant™ Clients Connecting to Multiple Cortex™ Sites



Client Layer
LAYER 3



Site Layer
LAYER 2



Sensor Layer
LAYER 1



Lieutenant™ Layer 3 Software iPhone™ - iPad™ Touch-Screen Displays



Lieutenant™ from the iTunes store runs on the Apple mobility products iPhone™ and iPad™. Lieutenant™ is software designed for tactical command, control and coordination of multiple sites over the Cloud or private networks.



Data Security Overview

Internet Protocol Security:

Implementation and transport security protocols are Confidential and employ the latest standards.

Client Security bulk-heads:

Lieutenant™ to Cortex™, connection

Lieutenant™ pull from Cortex™, data

Cortex™ push to Lieutenant™, data

Site Security bulk-heads:

Cortex™ to EDGEserver™, connection

Cortex™ pull from EDGEserver™, data

EDGEserver™ push to Cortex™, data

Cortex™ push to Responders, connection-data

EDGEserver™ push to NAS, connection-data

Type:

Connection Authentication – 128 bit Private KEY

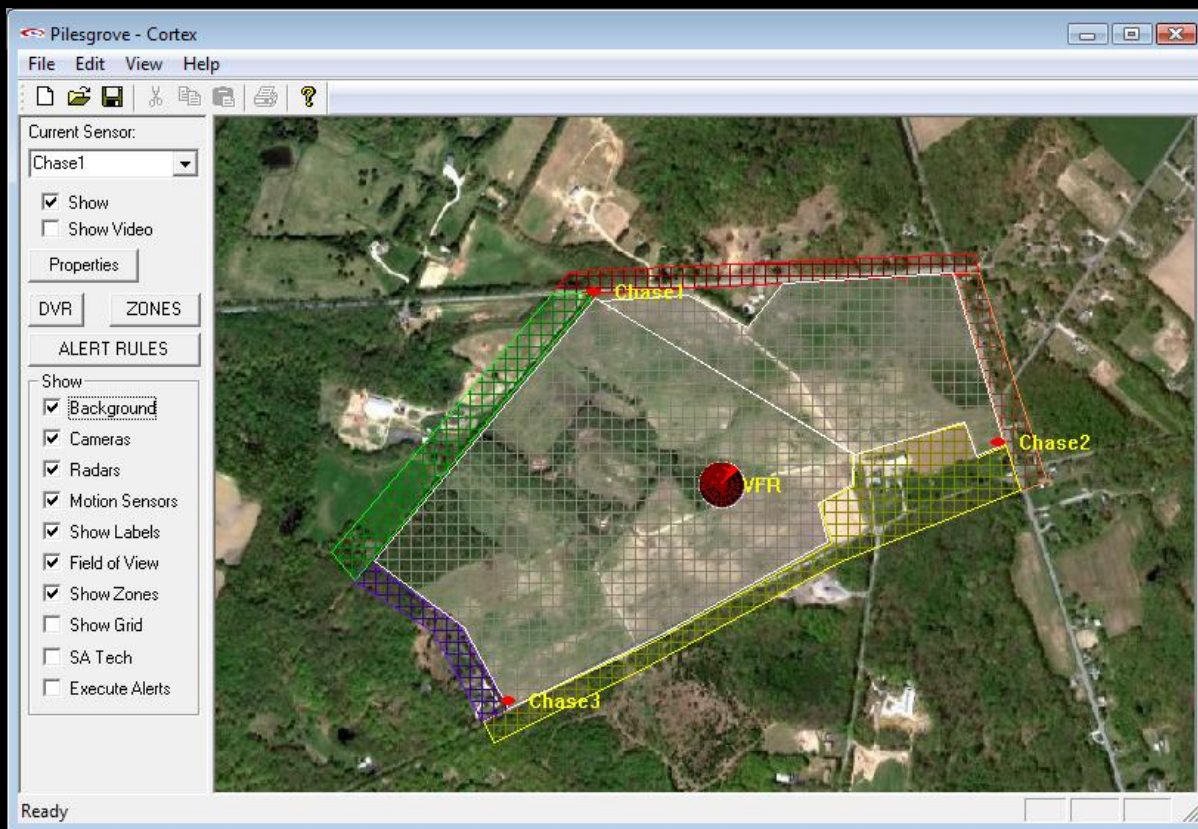
Data Packet Encryption – Secure Socket (https) Option

Hierarchy Succession – Private, Rule Based

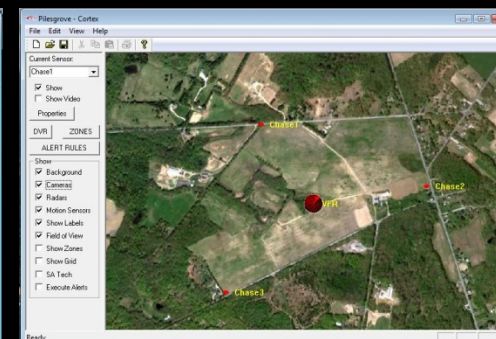


ActiveSentry™ - Solar Farm Configuration

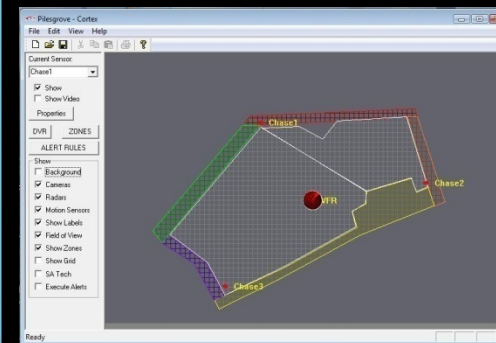
7.5 Square Miles of Surveillance – 1 VFR™ Radar and 3 Chase™ Cameras



Cortex™ Screen Shot – Administration, Installation, Calibration, Rules & Alerts



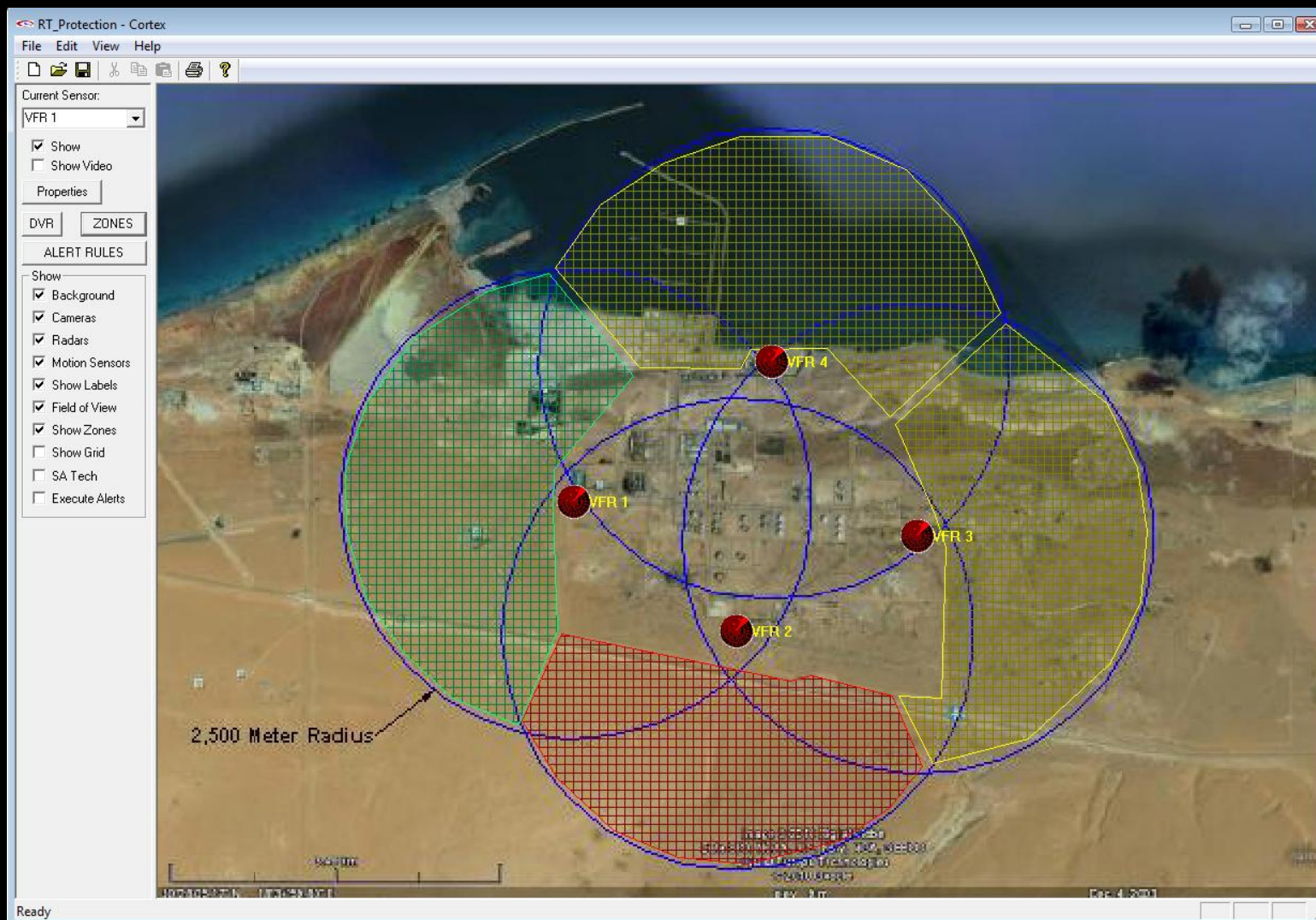
Click & Place Sensors



Click & Place Polygons for Zones



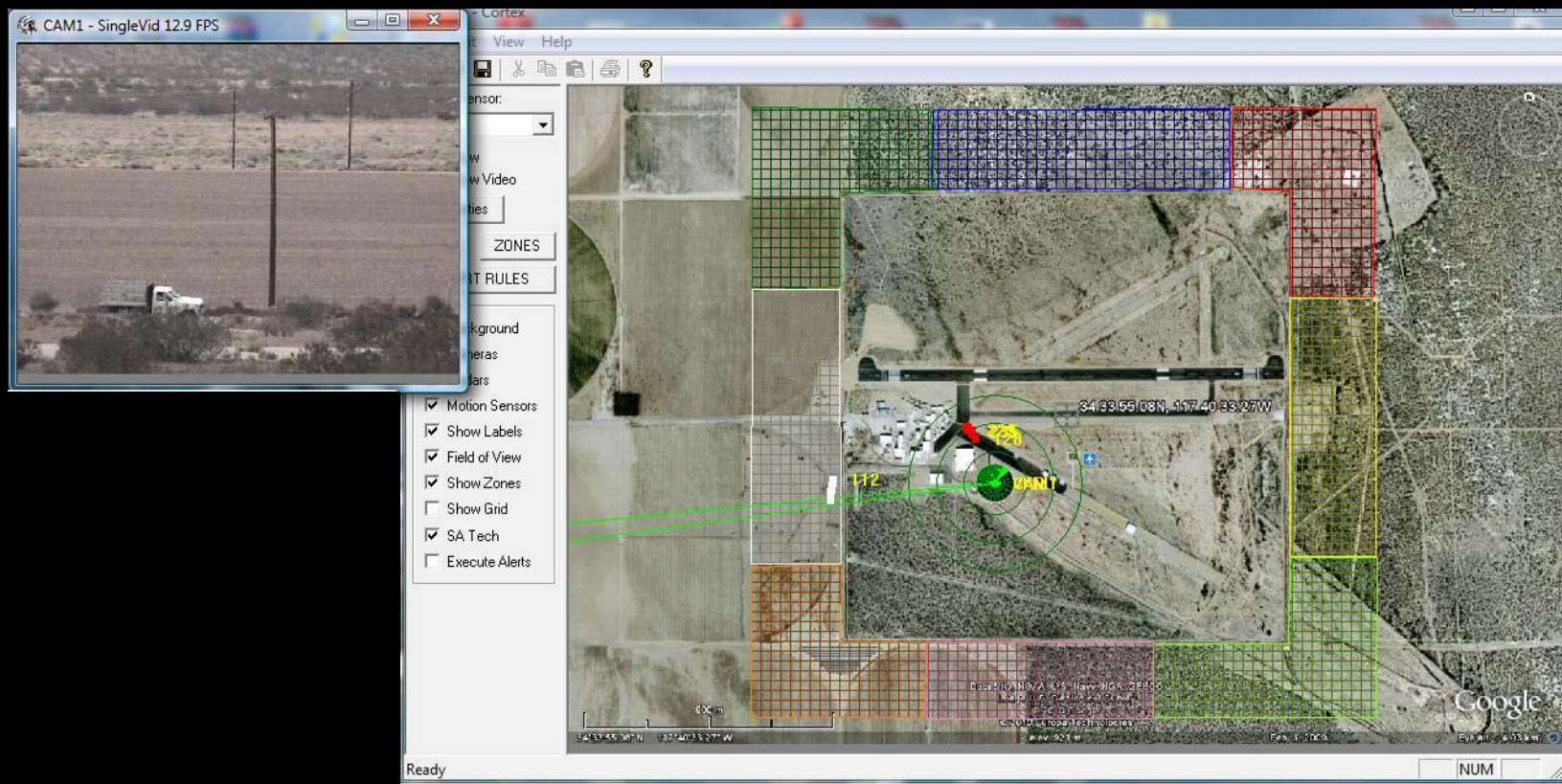
ActiveSentry™ - Land & Sea Port Configuration



VFR™ Radar Mesh



ActiveSentry™ - Airfield Configuration



People or vehicles breaching the outer colored zones on the map initiate an Alert and Cortex™ directs a camera to take a closer look.



Top View

ActiveSentry™ from Installation to Operational Life

1. Perform Site Survey, Walk Test and Generate a Readiness Procedure
2. Plant Sticks and Power
3. Attach Sensor Payloads, Mount Radios, and Load Software
4. Power-Up System, Test and Calibrate
5. Personnel Operation & Readiness Procedure Training
6. 'Infant' Monitoring – 3 Month
7. Quarterly Readiness Procedure Validation
8. Operational Life Maintenance



ActiveSentry™

Stand Alone or System Component

Serves as a turn-key solution.

Flexibility to act subordinate as adjunct surveillance.

Interfaces to a wide range of systems like Ademco Control Panels.

IP/Ethernet – RS232 – RS422 – 2 Conductor Contacts - Custom



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