Benefits

- Uses industry-unique sensor management, correlation and target tracking for high confidence in detections
- Increases security system robustness, performance and operator efficiency
- Provides flexibility and scalability to meet all-size user-specific and evolving needs
- Supports an open architecture for ease of maintenance, upgrades and tool integration
- Delivers low total cost of ownership

Industry-Leading Expertise

Raytheon is a global leader in providing robust and scalable open architecture systems for military and civilian solutions. Now, this expertise and field-proven performance is being applied to Clear View security solutions, a comprehensive security management system for critical infrastructure protection and border security.

Complete Situational Awareness

Clear View security solutions is a highly efficient and configurable approach to monitoring and managing complex security challenges, and it delivers a flexible, scalable security solution with a low cost of ownership. Clear View security solutions interconnects various sensors and support systems to enable complete situational awareness and command and control of security operations, including multisensor resource management and correlation, intelligence collection and analysis, video management, knowledge management, incident tracking and management, and asset management.

Flexibility to Meet Evolving Threats

Based on an open architecture, Clear View security solutions is flexible, affordable and scalable to meet changing threats and resource availabilities. Data can be integrated from existing systems to create one common operating picture — whether protecting a small facility with a laptop-based system or monitoring a thousand-mile border from a command and control center. With an effective modeling and simulation front-end, emulation testing can be done on a wide range of threat conditions to optimize sensor placements and test operational effectiveness of procedures and training.

Supporting workflow/rules-based operations, users can define their own concept of operations and easily change workflows and security procedures as security levels or threats evolve, without changing the core system software. Clear View security solutions is also completely configurable to match existing security operating procedures.

Low Total Cost of Ownership

Clear View security solutions’ open architecture enables third-party commercial off-the-shelf software tools to be easily integrated, while a user-friendly interface accelerates updating the concept of operations. Compatible with industry standards such as ICD0101, Clear View security solutions supports “plug-and-play” upgrades of sensors and other system components. Additionally, the modeling and simulation environment optimizes sensor placement and simplifies their configuration.

Clear View security solutions instantly detect and assess intrusions to enable quick and effective responses.
Clear View Security Solutions

Unique Sensor Management, Correlation and Target Tracking

Leveraging Raytheon’s decades of experience capturing and integrating sensor data, Clear View security solutions provides tracking and correlation capabilities that are unique in the industry. With sensor-to-sensor tracking, target tracks are maintained as they unfold across different sensors and fields of view. The ability to assess once and maintain the same track across multiple sensors saves operators an enormous amount of time. Multisensor correlation enables automatic correlation of events from dissimilar sensors into a single event and a common database to maintain a high probability of detection. It also reduces false and nuisance alarms, freeing up security operators to focus on real intrusions.

Clear View Security Solutions Specifications

Core C2 Capabilities
- Browser-based user interface with iconic workflow–rules based on MIL-STD-2525C
- Scalable to mobile, station, sector and/or nationally deployable levels
- ESRI or Google Earth™ GIS compatible
- Incident management with unique incident identifier for trend analysis
- Supports metrics collection

Sensor Resource Manager
- SEIWG-ICD101A compatible sensors (extensive library of non-capable sensors):
  - Sensor auto-discovery
  - Sensor status and health monitoring
  - Sensor control
  - Extensive camera control:
    - Terrain-sensitive camera views
    - Camera selection by target/GIS location
    - Camera ownership arbitration
    - Slew to Cue – Slew to Target
    - Joystick control

Track Management
- Supports multiple concurrent trackers
- Tracker cascading
- False alarm reduction
- High Pd in noisy environments
- Sensor detection correlation
- Blue Force tracking
- Supports video tracker input
- Target track prediction during sensor “miss” periods
- Single alarm reporting
- Target track correlation

Video Management
- Support for multiple video management systems
- Multiple codec/video compression algorithms
- Archiving and replay
- Supports evidentiary data collection standards
- Video clip metadata tagging and search capabilities

Clear View security solutions interconnects various sensors and support systems enabling complete situational awareness.

Virtual World
- Modeling and simulation of terrain, sensor and target attributes
- Operational simulation of Blue and Red Forces
- Standalone or integrated with Clear View security solutions C2 systems via the SRM
- Test and validate operational changes
- Supports “what-if” scenarios
- Supports operator training

Enterprise Service Bus and External Systems Support
Open architecture bi-directional message and services interface:
- Replicated data store for external system access to view data, metrics reporting and analysis via OLAP tool sets
- Other related Raytheon security service products:
  - Knowledge Management, National Integrated Knowledge System (NIKS)
  - IT security
  - Identity capture, identity management
  - Intel collection, analysis and distribution
  - Logistic tools
- COTS/GOTS and legacy systems
  - Computer-aided dispatch and radio systems
  - 911 and call center
  - Access control
  - Personnel, security, asset management and planning, intelligence