

RIMCon Technology Family

RIMCon Technology (patent pending) is family of hardware, software and service products designed to deliver role appropriate ROLE SPECIFIC ACTIONABLE OPERATIONAL INFORMATION in real time. RIMCon visualization and reporting capability is based on the patented fourDscope® software developed by V.C.O.R.E Solutions. The patented fourDscope® software is a client/server technology that provides an interactive real-world virtual reality scene. This virtual environment is created by integrating a variety of disparate systems that deliver geographically referenced real-time information into a graphical scene that can be used to make critical decisions. The strength of the fourDscope® software lies in its ability to scale to any size environment, its flexibility to fit into nearly any network architecture, and its inherent ability to work with nearly any network based system.

In a critical, multi-dimensional emergency scenario, there is a sense of urgency to efficiently collect and disseminate information as a critical event unfolds. What is needed is a Common Operating Environment (COE) that facilitates local and regional first responders, homeland security, emergency preparedness, and rapid response environments, that can integrate existing legacy systems of cameras, sensors, or other monitoring equipment, make better use of existing knowledge and accelerate the real-time decision making process which allows first responders and all responding multi-agency units to operate effectively with common information and situational awareness. An interactive COE that presents a visual landscape making ‘collective sense’ out of all available information in a typical



Command Center improves multi-agency response capabilities to manage an incident in a significantly more efficient, effective, and timely manner by sharing actionable information among local, state and federal responders for enhanced situational awareness. Extending this capability beyond the Command Center through a mobile technology platform will provide local incident

commands the ability to deploy COE for field use by the individual first responder, providing direct access to a common view of an unfolding emergency event. Additionally, the COE is enhanced with elements such as communication path optimization, data fusion, and cyber layers.

Correlation of disparate datasets and legacy systems will provide additional data sources for a COE for emergency response situations, including imagery warehouses, deployed surveillance and tracking systems, access to city-wide street, parcel databases, and mission critical infrastructures, thus adding another level of intelligence to an incident response whether inside or outside the facility.

The RIMCon product family provides a pervasive capability to gather accurate and timely information, correlate diverse information sources, and make this collective knowledge securely available wherever it is needed, on any digital device. The RIMCon framework uses distributed intelligence to control growing

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and adaptive threats, and provide for continuity of operations in the exploding complexity of this digital world .

Specifically, the RIMCon technology family provides:

- Correlation from disparate live and archived data sources
- Regional information datasets and real time surveillance information
- All information shared across the first responder community



- Augmented Virtual Reality – Interactive virtual representation of the real-world which integrates anything and everything that has a digital pulse in the area of interest.
- Comprehensive System Integration Framework– Dynamic integration of existing systems (GIS, Imagery, GPS/RFID, PSIM, CBRNE, etc.) through an open,



scalable network architecture.

- A single-view interactive Common Operating Environment (COE) in real-time supporting widespread distribution of data.
- Global Information Sharing– Imports all available information streams and creates and shares combined intelligence in a dynamic COE.

Your Systems. Your Data. Your Way.



- This information is served globally to decision-makers at all levels for virtual management of emergency/security operations, control and response.