COMPRESSUS SOLUTIONS

# VIGILENT Critical Care Tracking™

## Applications

- Disaster preparedness and response
- Tracking of medical resources, personnel and patients/victims
- Hospital bed-management solution
- Credentials verification
- Multi-jurisdiction coordination
- Day-to-day public safety and public health management

**Compressus Solutions, Inc.** is a software development company offering robust, proven solutions in the growing fields of disaster preparedness, interoperable emergency communications and biosurveillance.

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## Better Information Saves Time and Lives

On any given day in the United States, emergency dispatchers send ambulances to hospitals that are too busy to accommodate more patients. In extreme situations such as hurricanes and other disasters, first responders face the near-impossible task of sending patients, evacuees, medical personnel and medical resources to the proper locations without up-to-date information. The challenges are made even tougher when disasters spread across city and state boundaries and involve many authorities.

Compressus Solutions, Inc. technology provides a solution. VIGILENT Systems™ Critical Care Tracking (CCT) is a real-time, Web-based solution that provides continuous, accurate visibility into the status of critical medical resources such as hospital beds, emergency rooms, medical equipment, personnel and pharmaceutical stockpiles.

## Proven Applications in Use Today

CCT has been installed today in hundreds of the nation's hospitals in states across the nation, helping to improve day-to-day management of medical resources as well as disaster preparedness and emergency response. Deployments of CCT are being planned by additional states.

CCT is one of the interoperable modules of the VIGILENT Systems suite of software solutions, providing superior situational awareness and multi-agency information sharing for public safety and by the U.S. Department of Homeland Security.

## Robust Notification and Smart Routing Capabilities

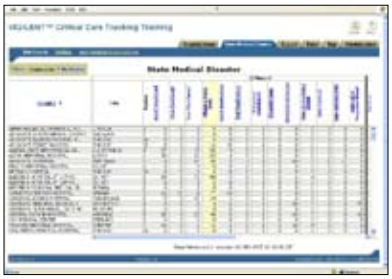
CCT incorporates robust, rules-based notification and "smart routing" capabilities, enabling instant data-sharing and communications to all types of devices, such as telephones, radios, pagers, PDAs and fixed or mobile computers. Advanced data-compression technology means information can be shared with low-bandwidth devices and networks.

## Meets or Exceeds Government Requirements

Like all of the VIGILENT Systems modules, CCT complies with, interfaces with and enhances the functionality of the U.S. government's Health Alert Network (HAN), the National Electronic Disease Surveillance System (NEDSS) and the National Incident Management System (NIMS). It also meets or exceeds the Critical Capacity Requirements established for the states by the U.S. Centers for Disease Control and Prevention (CDC) and is NIEM compliant.

## CCT Screenshots

Geographic Displays



Regional Medical Resource Tracking

Major government reports call on federal, state and local officials to deploy advanced information technologies for emergency medical preparedness and response:

*"In coordination with the Department of Homeland Security and other homeland security partners, the Department of Health and Human Services should strengthen the Federal government's capability to provide public health and medical support during a crisis, [including] improvement of command and control of public health resources."*

— The Federal Response to Hurricane Katrina: Lessons Learned, White House Report, February 2006

| Features | Benefits |
|---|---|
| Real-time tracking, analysis and display of multiple variables and data from real-time sources | • Constant visibility into the status of critical medical resources<br>• Faster, more accurate decision making<br>• Detects and helps to manage hospital "surge" events and bypass situations |
| Interoperable, standards-based design | • Leverages existing investments in hardware and software, while adding new capabilities and interoperability<br>• Compliance with HAN and NEDSS |
| Robust, rules-based smart routing and alerting capabilities | • Distributes the right data and messages to the right people at the right time, via multiple networks and devices<br>• Speeds response time |
| Geographic maps and displays with zoom-in and -out | • Provides an easy-to-grasp map of resource status at various levels of granularity |
| Detailed checklists and event recording | • Assists protocol-driven response activities<br>• Provides audit trail with playback capability<br>• Supports compliance with NIMS and CDC requirements<br>• Training and simulation tool |
| Redundant, secure data storage | • Non-repudiation of data<br>• System resiliency in crisis situations<br>• Access limited to authorized users |