



# Cogility Event Analyzer™ (CEA™)

## Overview

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CEA™ is a highly flexible and mobile near real-time situation awareness and decision support solution for key decision makers and intelligence analyst at all levels of command. CEA™ enables informed decision making through intelligence reporting aggregation, visualization and Complex Event Processing of event data that is presented in a highly intuitive and easy to use interfaces presenting fused data in a geo-temporal context that enables effective decision making. CEA™ also provides a highly visual and intuitive data driven dashboard that presents the “Big Picture” for visualizing trending and tracking effectiveness measures over periods of time. CEA™ can operate at the “edge” of your operation and/or in a command center arrangement. CEA™ can also operate disconnected from your network for periods of time, and with the aid of a *Cogility Replication Server™*, be quickly refreshed with the latest intelligence reporting and failover back up if needed.

### Market Applications

- ☞ DoD: Counter IED Mission
- ☞ Law Enforcement Mission
- ☞ Disaster Management and Recovery Mission
- ☞ Facility security/Embassy security threat assessment and tracking

### Capabilities

- ☞ Ontology-based Search and Analytics
- ☞ Database Agnostic—allows CEA™ to work with the data in its native format and adapt to the data content and schema
- ☞ Advanced Visualization
  - Report Oriented View—Event and Exploitation reporting analysis
  - Incident Orientated View—Multiple events types and supporting exploitation/follow-on reporting correlated to incidents
  - Entity Orientated View—People, associations, attributes and locations group together, and associated to relevant event reporting
  - Dashboard View—12 drag and drop widgets that provide various trending, statistical and geo temporal data representations in near real-time
- ☞ Analysis on the Move: Laptop and Replication Server configuration provides autonomy, flexibility, and mobility
- ☞ CEA Entity Extractor and interface with IBM Analyst Notebook
- ☞ Full case file management and data sharing with Cogility Replication Server™

### Market Differentiators

- ☞ Easy to Use and Easy to Train
- ☞ Unparalleled Value—self-contained intelligence analysis tool covering when, what, who
- ☞ Non-disruptive to existing IT and Intel data infrastructure
- ☞ Advanced analytics with Multi-Threaded Hierarchical Complex Event Processing (CEP)
- ☞ Agility and Adaptability—CEA can be quickly and affordably be adapted to client unique requirements
- ☞ Custom ontology development support for report and event analysis—enhances ease of use and allows less experienced analyst to provide quick and accurate work product