

gTHIRA Systems, LLC

Geocentric Threat Hazard Identification Risk Assessments
Cybersecurity and Physical Security Analysis

gTHIRA System

Home Dashboard Projects Preferences

Chat Log off

Dashboard

City/State/Country: Search Refresh Locations Show Natural Hazards Show Overall Risks



Home Technology Solutions Products Company

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Convergence Tool

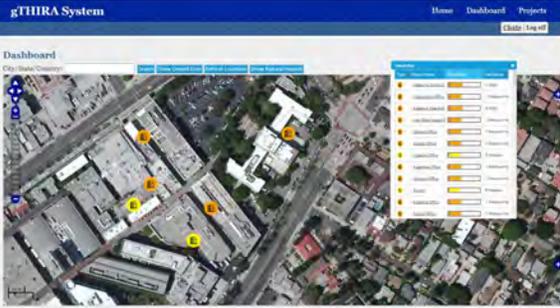
All Threats and Hazards Analysis
Cybersec & Physical Security Vulnerability Assessments



Consequence and Impact Analysis
Social Media Threat Assessments
Domain Awareness Vulnerability Assessments
Terrorism Analysis and Studies

Autonomous Intelligence
Weather Alert System
Daily Intelligence Briefings

gTHIRA™ System uses the ANSI/ASIS Physical Asset Protection Standard, DHS, FEMA, Comprehensive Preparedness Guide 201 and the NIST Cybersecurity Framework as its primary guideline.



SOLUTIONS AND BENEFITS

- CONVERGENCE OF PHYSICAL SECURITY AND CYBERSECURITY
- TO MANAGE THREATS AND HAZARDS
- OPEN SOURCE THREAT GATHERING
- TAPPED INTO LIVE SENSORS FOR IMMEDIATE HAZARD IDENTIFICATION
- ALIGNED WITH NIST CYBERSECURITY FRAMEWORK
- COLLECTS, ANALYZES & DISSEMINATES
- INTELLIGENCE SHARING ENVIRONMENT
- RAPID IDENTIFICATION OF EMERGING THREAT RELATED EVENTS
- HELPS VISUALIZE PATTERNS AND TRENDS
- DOMAIN / SITUATIONAL AWARENESS
- DYNAMIC & IN-DEPTH REPORT WRITER
- ENHANCES SECURITY AND TRAINING
- SELF ASSESSMENTS DONE IN MINUTES
- PERFORMANCE BASED PREVENTION
- AUTOMATIC ANALYSIS UPDATE
- GLOBAL TERRORISM DATABASE

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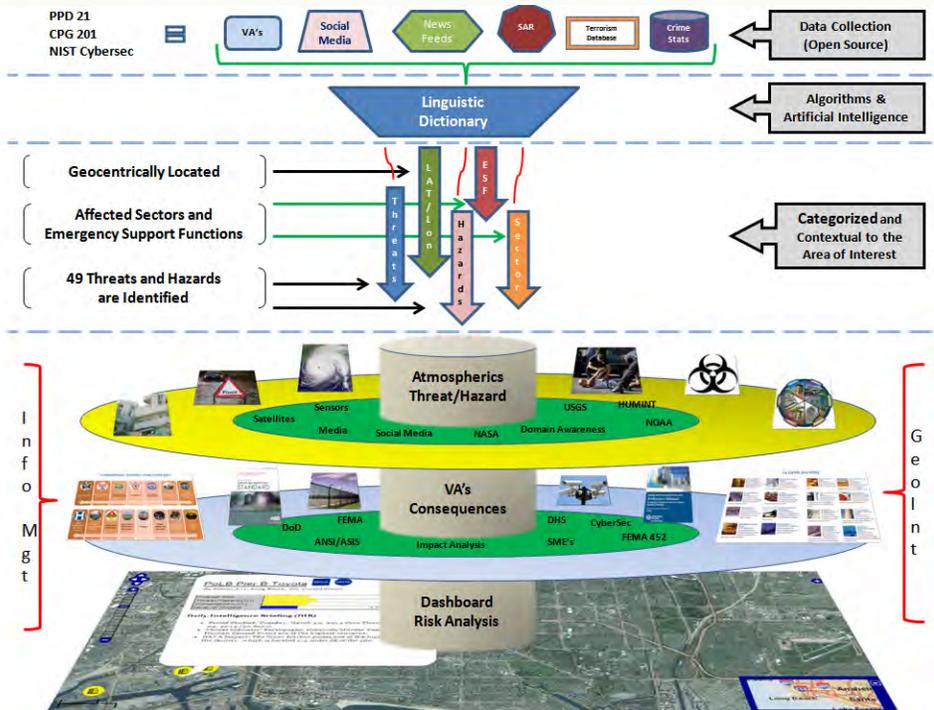
Geocentric Threat Hazard Identification and Risk Assessment

Autonomous Intelligence Integrated Into an Expert System

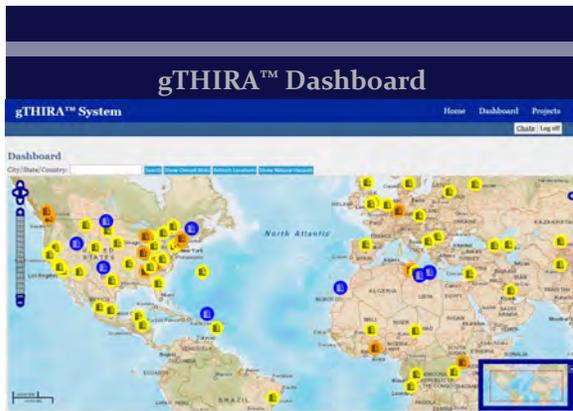
Geocentric Threat Hazard Identification Risk Assessment (gTHIRA™) is a browser based internet software solution. gTHIRA™ incorporates a dashboard that searches and consolidates information derived from open sources of Traditional Media, Domain Awareness (terrain intelligence), Global Terrorism Database and Social Media. The system has the unique ability to fuse this information and enhance it by locating the source of the information within time and space. gTHIRA™ also has a site vulnerability assessment software solution integrated into the system, allowing for the end user to conduct as many facility security assessments as desired. Through a process, a filter separates usable information from nonusable information, analyzes the content of that information, and geocentrically locates in on the map. This information is measured against each collocated Site Vulnerability Assessments to determine its impact and consequences to the facility's vulnerabilities and an overall risk level is calculated. The intelligent system automatically changes the colors of the icons on the dashboard based on its risk score. Access to your own personalized dashboard, will give you complete control of the types of threats/hazards you want displayed, as well as the sources you wanted the system to pull from (i.e. Traditional Media, Social Media, and Terrain Intelligence).

An Expert System that uses Algorithms and Filters

It's like having your own "Fusion Center" and "Intelligence Team" performing 24/7, but without expenses and hassle.



- System collects "Open Source" data, through news media, social media and personal entry of information.
- Uses guidelines and algorithms produced by subject matter experts (police, DoD, security professionals...)
- Conducts analysis to every site, giving it a color coded risk score, geocentrically placing that information onto an electronic map.
- Dynamically creates a risk assessment report.



Autonomous Intelligence

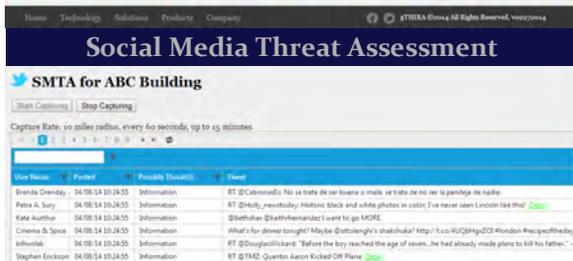
“Rain or shine, the system constantly gathers “open source” data.

gTHIRA™ is an expert system that contains a powerful engine that reads thousands of open source information (OSI) from aggregated news services, blogs, magazines and RSS feeds from around the globe. gTHIRA™ utilizes its own linguistic dictionary to categorize every information by the type of threat or hazard and identifies the geographical location on to an electronic map for visualization. “It’s amazing how the system can figure out how each threat can impact the site”

gTHIRA™ utilizes well known guidelines, processes, policies, procedures and best known practices to deliver Risk Assessments (Threat Analysis, Site Vulnerability Assessment and Consequence/ Impact Analysis) dynamically upon demand.

“Facility icons magically change colors to reflect the sites risk score”

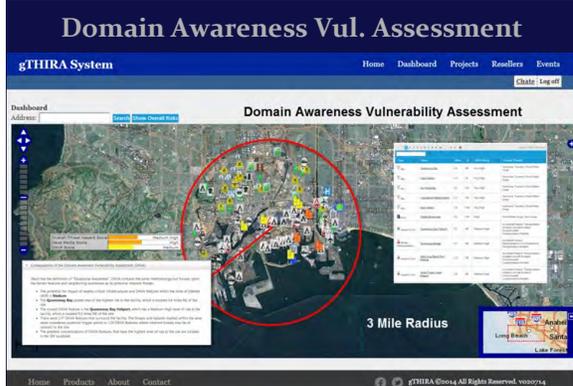
gTHIRA™ integrates its 113,000+ acts of terrorist activities database (worldwide) within the system, allowing the end user the opportunity to study in great detail.



Social Media Threat Assessments (SMTA)

“I can’t believe how much information we got from running the SMTA around my building”

gTHIRA™ uses its linguistic dictionary to find potential statements of threats within “twitter” analyzing conversations within a 10 mile radius of any site.



Domain Awareness Vulnerability Assessments (DAVA)

“I never realized how much danger we were in because of our neighbors”

gTHIRA™ analyzes nearby structures and terrain features for inherent threats; threats caused by cascading effects due to initial threat/hazard. For example an earthquake may not affect the site, but a nearby chemical plant may release poisonous gas. gTHIRA™ gives the capabilities of entering that data, or utilize its comprehensive database from the National Geospatial Intelligence Agency.

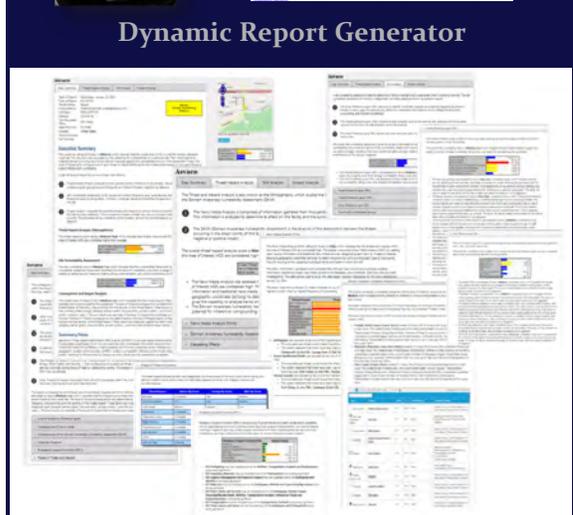


SitReps (Alerts/Warnings) and Daily Intelligence Briefings

“I receive my DIBs and weather warnings for all my facilities; giving me justification for the resources that are in place and having constant situational awareness”

An automatic weather alert function (SitRep) and a Daily Intelligence Briefing (DIB) helps the end user stay informed and aware of the ongoing threat/hazards that can effect and impact a facility’s location.

SitReps are weather related alerts and warnings that are constantly monitored and sent out (24x7); DIBs are a summarized study of all the facility’s, giving a snap shot of the overall level of risk (threat/hazards analysis, site vulnerability assessment, and impact analysis). DIB’s are sent out once a day.



Dynamic Analysis and Report Generator

“The analysis and reporting feature points us into the direction, allowing us more time to make the right decision.”

gTHIRA™ takes the complex disciplines of conducting cybersecurity and physical security vulnerability assessments, threat analysis and combines them together; providing a dynamically built risk analysis tool for your facilities or organization. Reports are dynamically created based upon the location of the each site and how the discovered threats or hazards could impact the facility. Every site reflects a color coded risk score and every report contains unique information.