Security Management System

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Overview

- General Dynamics / Oracle Corporation Relationship
- Security Management System Components
- Continuous Risk Management
- Oracle Threat Manager
- Tool Demonstration
- Discussion / Questions
Oracle/GD Relationship

- **Oracle Corporation**: Technical leader in designing and developing automated software applications

- **General Dynamics**: Subject matter experts in critical infrastructure protection, security analysis, and risk management

- **Oracle/General Dynamics Team**: Provider of business solutions to help protect critical assets from terrorism and other viable threats
Solution Team

• Combination of two, subject matter market-leaders
  • Oracle: Technical leader in designing and developing automated applications, including Oracle Threat Manager (OTM)
  • General Dynamics: Subject matter experts in critical infrastructure protection, including the Continuous Risk Management (CRM) methodology

• Hands-on assessment + cutting-edge technology = Security Management System, a business solution designed to address security management needs
Unified Approach

Security Management System
Continuous Risk Management

Analysis and Documentation

- Assess Assets
- Assess Threats
- Assess Vulnerabilities
- Assess Risks
- Determine Countermeasure Options
- Benefits Analysis
- Cost Analysis
- Implementation & Evaluation

Decision Making
- Accept?
  - Yes
    - Implementation & Evaluation
  - No
    - Modify
    - Elevation & Presentation
    - Planning & Direction

Planning & Direction

Assess

Benefits

Analysis
A Proactive Approach

To replace the reactive “Crisis-driven Cycle” with a proactive “Continuous Risk Management Cycle”...

...thereby removing the crisis from dominating the decision-making process.
Oracle Threat Manager

- Threat Manager is primarily a software tool:
  - Planning tool
  - Decision support tool
  - Collaboration tool

Risk Assessment  Geo-spatial information  Critical Infrastructure Protection & Tracking

Consolidate – Simplify – Integrate - Secure
Threat Manager - Concept of Operations

- **Manage Assets**
  - Inventory critical assets
  - Evaluate vulnerabilities
  - Estimate loss impact

- **Analyze Threat Impact**
  - Input from Law Enforcement Agencies, Intelligence, local sources
  - Apply to assets

- **Plan Vulnerability Reduction and/or Threat Reaction**
  - Prioritize addressing vulnerabilities
  - Determine actions needed
  - Estimate budget required
  - Plan program & projects

- **Monitor plan execution and track vulnerability reduction and reaction readiness**
Demonstration