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C4i – Centralized Command Control Collaboration & Intelligence

Military Grade SOC with Cloud Scale Efficacy

C4i – What and Why?

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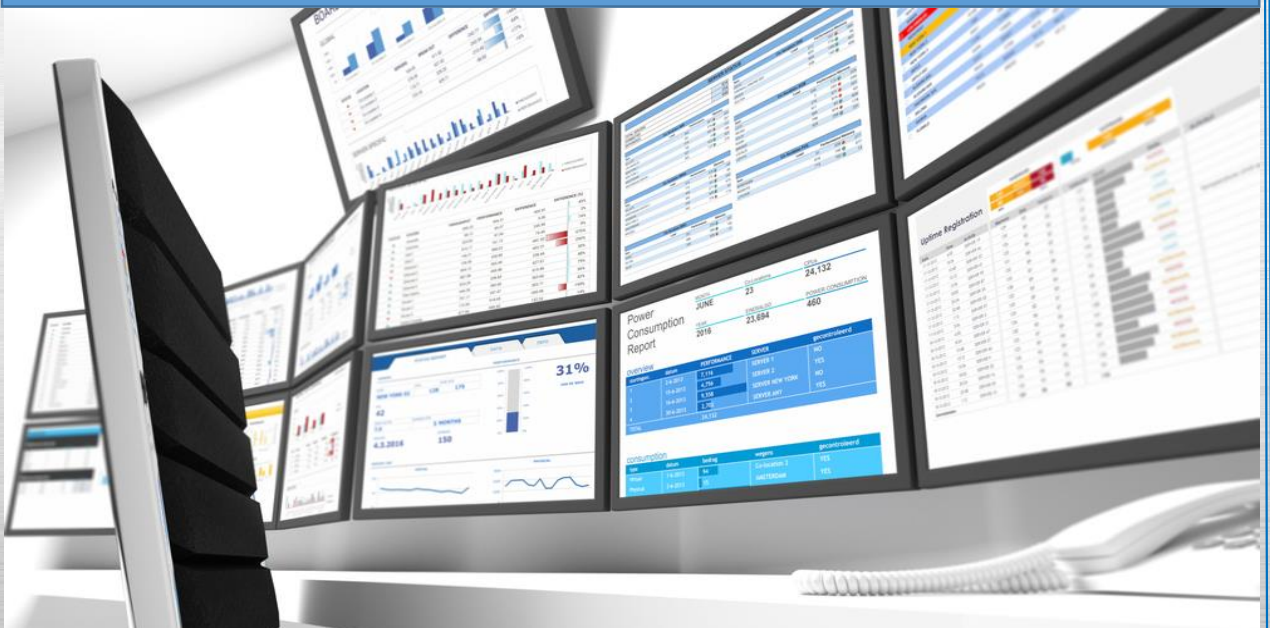
- **C4i System:** Concept well known to Military and Intelligence Organizations.
- **C4i System:** Very Sophisticated Real-time Surveillance and Command & Control Dispatch System for Warfare – Active or Covert.



C4i Systems – Key Defining Concepts

- **Centralized** Reconnaissance & Monitoring
- **Centralized** Command & Control Structure
- **Centralized** Counter-measures Enforcement
- **Centralized** Intelligence Dissemination

Traditional SOC vs. CyberSOC – C4i

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Traditional SOC:

- Lack rigorous real-time capabilities that are pre-requisite for Cybersecurity scale Functions
- Often result in serious security vulnerabilities
- Often result in "Purposeful Evasion" of Security Measures

CyberSOC – C4i:

- MUST provide sophisticated Cybersecurity Framework for;
  - Customary Surveillance of important data & information elements
  - Customary Real-time Access Controls for data & information

Why Military Grade Command & Control System?

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- ***Command & Control System:*** delivers speed and accuracy that is not possible with manual systems.
- ***Automation*** also delivers cost benefits by reducing or eliminating the time required for manual processes.

The evolution of automation for any type of system goes through multiple stages.

- The first stage is usually completely manual
- The second stage automates one or more of the functions
- The third stage automates more functions
- The fourth stage relies on strategic input and then fulfills most of the functions automatically.

Cybersecurity and C4i

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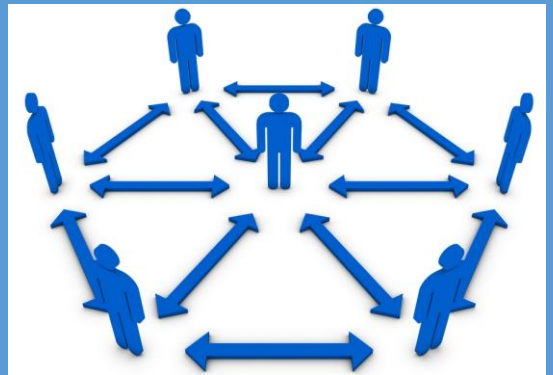
For Cybersecurity – C4i Capability Assumes a Whole New Dimension

Centralization of Command & Control System is Essential

ALL Critical Functions MUST be Centralized to avoid "Unauthorized" or "Chaotic" changes in System Behavior



➢ *Key DLEP Functions For Effective Cybersecurity:*

- Centralized 360⁰ View of Incidents – Realtime
- Centralized Incident Response – Realtime
- Centralized Data Classification – Automated
- Centralized Policy Generation – Automated
- Centralized Access Control – Automated
- Centralized GRC Enforcement – Automated

Cybersecurity and C4i

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For Cybersecurity – C4i Capability Assumes a Whole New Dimension

Centralization of Key DLEP Functions is Essential to Eliminate;

- **Malicious Misclassification** of Data and Information
- **Malicious Misconfiguration** of Policy
- **Malicious Misauthorization** of Access
- **Malicious Misconduct** of GRC Enforcement

➢ C4i - More than just a Visualization Tool;

- Centralized Data Classification – **Eliminates Purposeful Misclassification**
- Centralized Policy Generation – **Eliminates Purposeful Misconfiguration**
- Centralized Access Control – **Eliminates Purposeful Misauthorization**
- Centralized GRC Enforcement – **Eliminates Purposeful Evasive Misconduct**

Key Features of C4i System – Cyberwarfare and Cyberdefense

Centralized Classification of Data & Content

Centralized control on Data Identification and Data Classification is a MANDATORY feature of any Cybersecurity Platform

NOTE: Centralized control on Data Identification & Classification eliminates 'Manual Classification and Tagging' process involving individuals hence enabling a more sophisticated and less error-prone Classification paradigm.

This also **eliminates** the possibility of **"Purposeful Misclassification"** of data/content thus **reducing the risk of "Malicious Data Leaks"**.

Centralized Generation of Policies

Centralized control on Policy Generation is a MANDATORY feature of any Cybersecurity Platform

NOTE: Centralized control on Policy Generation is critical for successful Cybersecurity regime. DLP Policies are inherently more complex and require deeper understanding of sophisticated use case scenarios in order to ascertain acceptable level of "Completeness" and "Use Case Coverage".

This also **eliminates** the possibility of **"Purposeful Misconfiguration"** of policies thus **reducing the risk of "Malicious Data Leaks"**.

Key Features of C4i System – Cyberwarfare and Cyberdefense

Centralized Access Control

Centralized Control on Access Control Primitives is a MANDATORY feature of any Cybersecurity Platform

NOTE: Centralized Access Control eliminates manual enumeration of Access Control Primitives and reliance on the Policy definition process – both of the two approaches is extremely cumbersome and constrained in its ability to provide the requisite coverage of "Use Case Scenarios" in sophisticated real-life DLP deployments.

This also eliminates the possibility of **"Purposeful Misauthorization"** of Access Rights to critical pieces of data/content **thus reducing the possibility of "Malicious Data Leaks".**

Centralized GRC Enforcement

Centralized Control on GRC Enforcement is a MANDATORY feature of any Cybersecurity Platform

NOTE: Traditional GRC Systems are typically focused on document routing and workflow. They are either dependent on third party data security tools or rely heavily on the Standard Operating Procedures – both of the two approaches is extremely cumbersome and constrained in its ability to provide the requisite coverage of "Use Case Scenarios" in sophisticated real-life DLP deployments.

This also eliminates the possibility of **"Purposeful Evasive Misconduct"** of Govenrance and Regulatory Compliance **thus reducing the possibility of "Malicious Data Leaks".**

GhangorCloud Cybersecurity C4i Platform

GhangorCloud C4i Platform

- Industry leading Cyber-surveillance & Command Control Enforcement System built from the ground up based on Military Style centralized command and control features.
- Delivers 4th Generation **Automated** DLP

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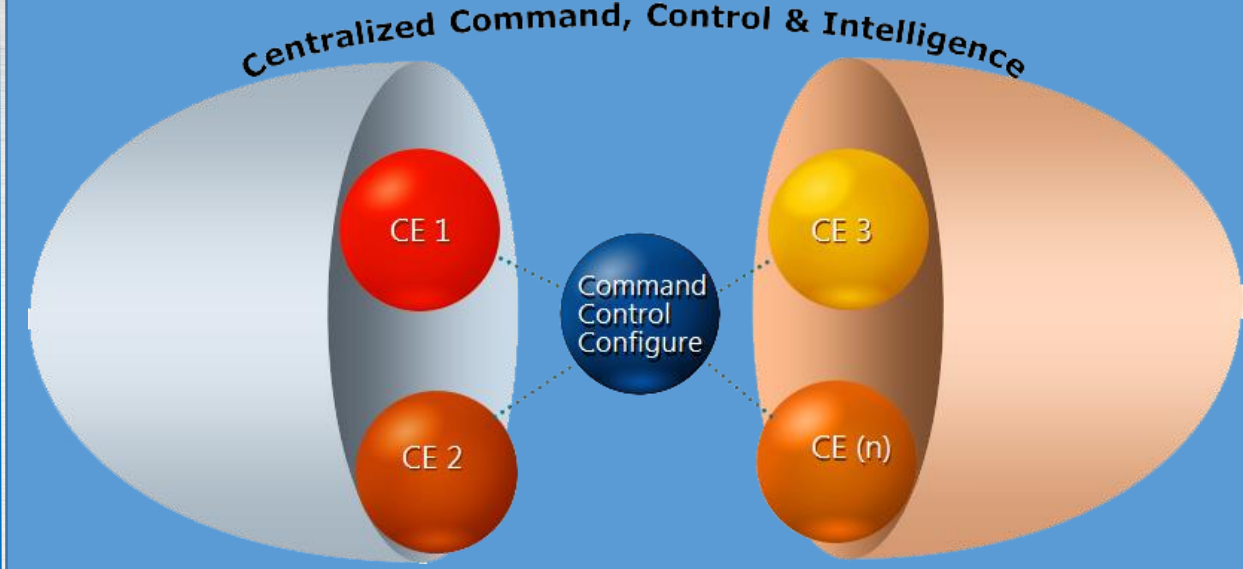


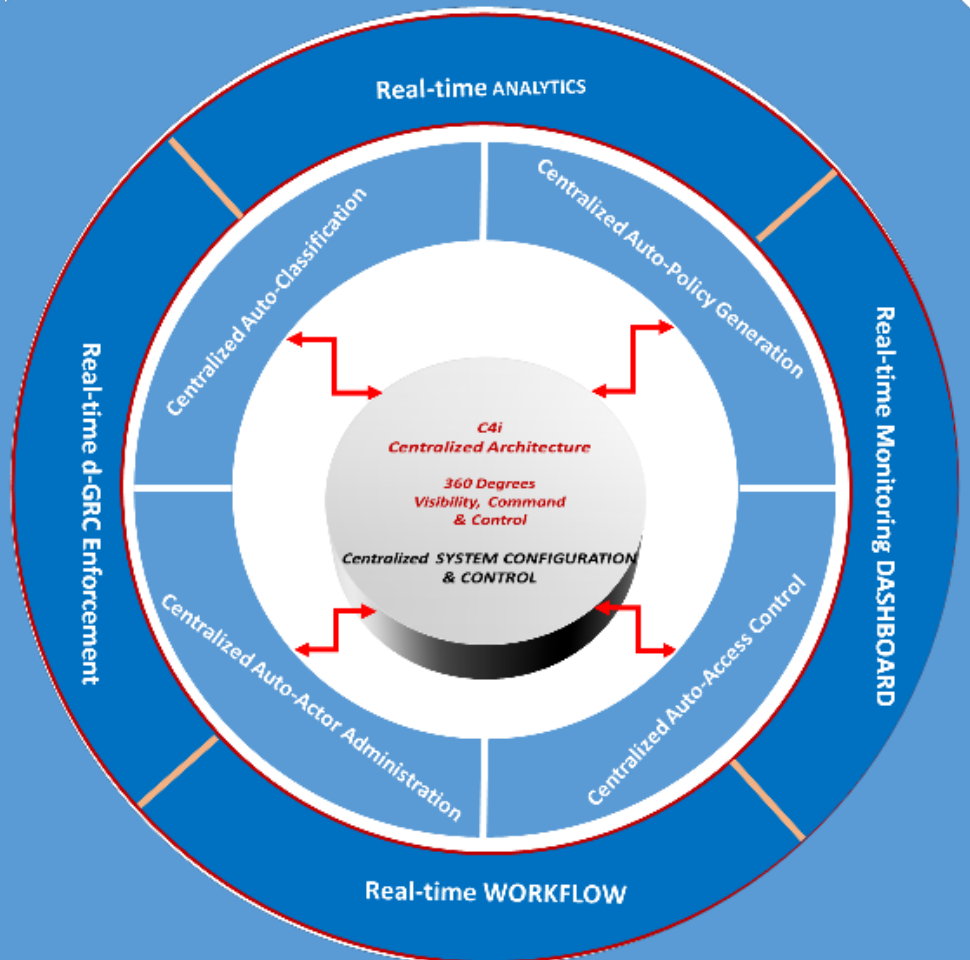
Key C4i Solution Features

Centralized Command Control Collaboration & Intelligence for Cybersecurity in the Enterprise & Cloud

1. Real-time Command & Control
2. Centralized Policies Definition, Enforcement and Management
3. Centralized Control on Protocols and Data Channels
4. Centralized Access Control Enforcement

GhangorCloud Cybersecurity C4i Platform

GhangorCloud C4i more than just a Visualization Tool



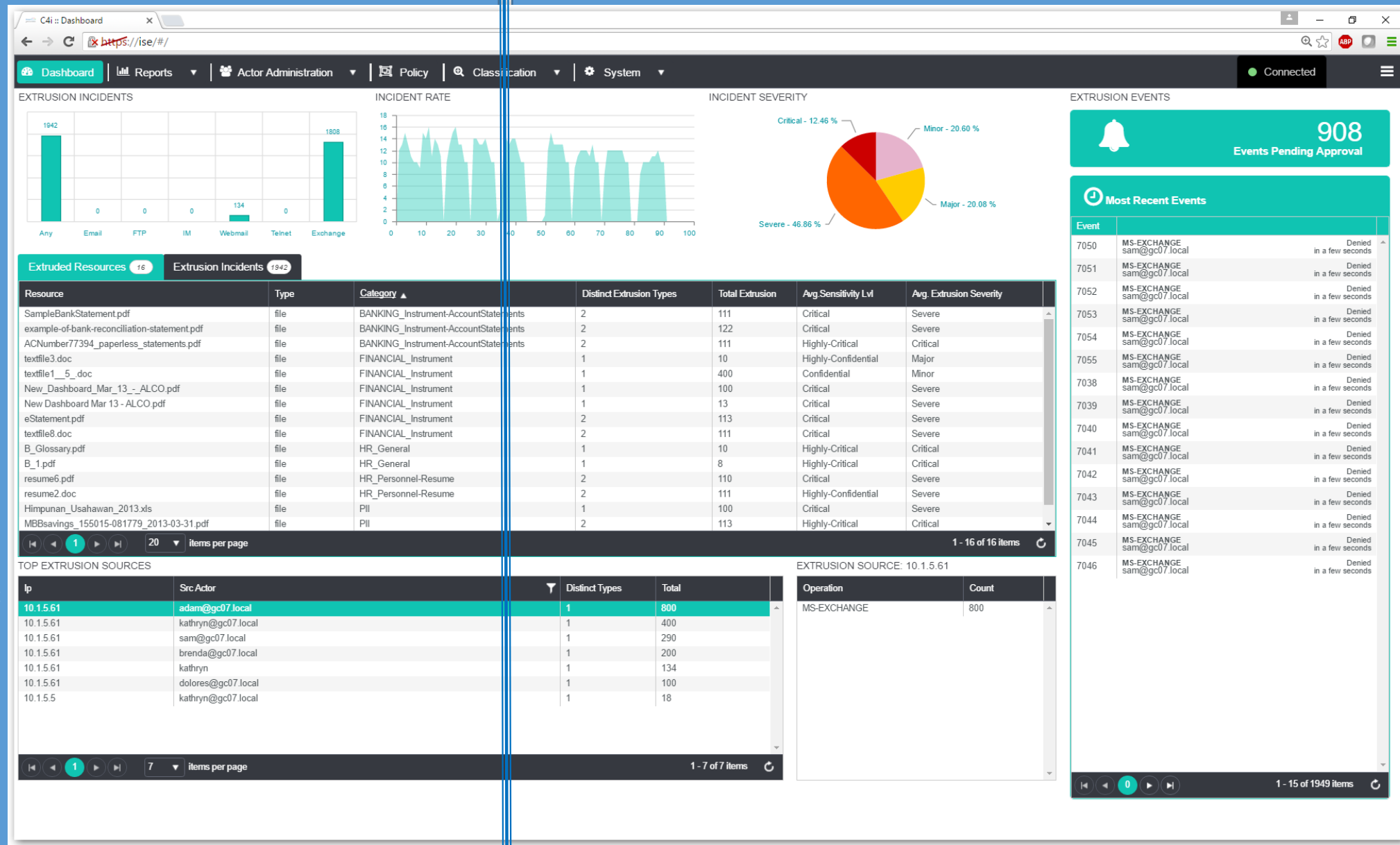
GhangorCloud C4i Platform

- Industry leading Cyber-surveillance & Command Control Enforcement System built from the ground up based on Military Style centralized command and control features.
- Delivers 4th Generation **Automated** DLE Prevention

GhangorCloud C4i Dashboard - 360º View of Deployment

Real-time Dashboard

- Instantaneous display of violation Incidents
- Instantaneous Actionable Information
- Detailed Forensic Analysis of violation Incidents
- Drill-down of all Events and Incidents



Let us show you how C4i System enables 4th Generation Data Leak Prevention

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