

Global Fortune 500 Oil and Gas Company Protects Intellectual Property with Information Security Enforcer

One of the world's largest oil and gas exploration companies in Asia became concerned about possible loss of valuable information regarding its exploration and production capabilities.

The company is engaged in ongoing exploration and development of multiple hydrocarbon sources in the region and external to the region. This requires that sensitive information be shared not only within the company, but with contractors and external service providers. Information regarding areas under study and under development is extremely valuable to competitors.

Since the company maintains offices worldwide, there are multiple opportunities for information to be inadvertently or maliciously leaked. The company needed to be able to secure information based on who was sending and receiving proprietary information. External partners should not have access to the same information as employees.

The company identified the following key requirements for a DLP solution:

- Real-time ability to accurately identify sensitive information with differentiated levels of severity.
- Sophisticated capability to represent and automatically detect any Intellectual Property and Trade Secrets.
- Real-time data monitoring and enforcement of all sources for potential leaks. Stop transmission of highly sensitive documents. Create workflow for review, encryption or supervisor approval of less sensitive documents.
- Multi-site management of information. Based on job role, information should be controlled according to which employees are allowed to share data with each other and with cloud-based applications.
- Highly accurate detection rate for infractions of policy
- Long term retention of incident records for forensic analysis
- Ease of deployment. A solution that could be quickly deployed without incurring substantial initial cost and/or time, and could be maintained without cumbersome training of IT and security staff.

Industry: Oil and Gas

Product Key Capabilities:

- 4th Generation Sophisticated DLP Features
- Auto-Identification & Classification of Data
- Automated Policy Synthesis
- Identity & Role based Data Leak Prevention
- Real-time GRC Enforcement
- Malicious Data Leak Prevention

Key Benefits

- Accurate Identification and Classification of confidential information
- Ubiquitous protection – enables DLP throughout the enterprise and the cloud rather than a few select documents
- Rapid deployment – lowers the cost and administrative burdens for compliance
- Reduced TCO – eliminates the cost due to hundreds and thousands of hours of manual tagging of documents
- Real-time enforcement – immediate “actionable” information and remediation, reduced compliance overhead burden
- Detailed Reports and Forensic Analytics on Incidents and Violations

Why GhangorCloud?

- High Efficacy against Malicious & Accidental Data Leak
- Accuracy and Reliability of DLP
- Easy Deployment and Lower TCO
- B2B Data Leak Prevention

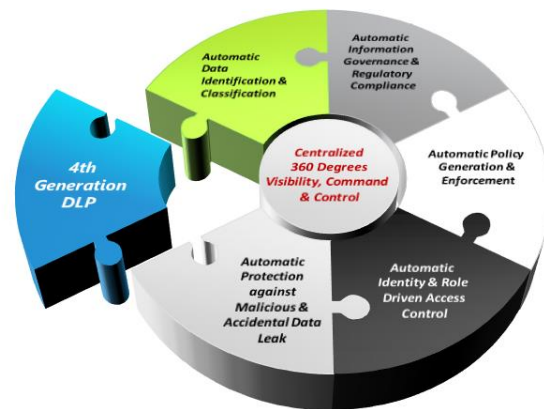


GhangorCloud Information Security Enforcer for Sensitive Information Protection:

Eliminate All Manual Processing

The company required advanced DLP features to eliminate any Manual Processing of Data or Manual Definition of Policies so that human errors and any malicious intent can be eliminated. The ability to Automatically Identify, Classify, and enforce Access Control and Policy in Real-time on a large evolving corpus without performance degradation was mandatory requirement.

GhangorCloud Solution Key Features



Automatic Classification of Sensitive Data:

interference in the identification and classification of sensitive data. It provided the company the ability to Automatically Identify and Classify sensitive intellectual property information (both structured and unstructured) without any manual tagging or pre-processing. Using built-in auto-classification tools, ontologies can be created to support identification and control of customer specific proprietary intellectual property information. Furthermore, out-of-the-box pre-built ontologies (for PCI, PII and HR) enabled the company to enforce other regulatory and compliance requirements.

Automatic Generation of Policy: GhangorCloud's DLP solution completely eliminates any manual intervention in the Policy Synthesis process. It provided the company the ability to Automatically Synthesize Policies hence eliminating the chances of incorrect policies due to human error and malicious intent. Based on company's business logic and classification of critical information, the Information Security Enforcer automatically synthesizes and applies correct policies to all critical information transmissions.

Advanced Role-based Access Control: GhangorCloud's DLP solution Automatically Enforces Segmentation of Duty principles to drive a highly granular access control scheme for bi-directional checking of information access. Using the company's business logic to determine who should have access to what, it enabled the company to set sophisticated Access Control at multiple levels of granularity from documents to individual words.

Real-time Detection and Control of Exfiltration Attempts: GhangorCloud's DLP solution identifies and prevents data leaks in real time. It correlates Actors-Operations-Information to discriminate between legitimate communications versus misuse of the company's intellectual property.

Built-in Workflow and Forensic Analysis: GhangorCloud's DLP solution provided the company a real-time dashboard for its IT Staff and Information Security personnel to control and monitor compliance and DLP enforcement. It captures and retains all relevant information about each security incident including: source, destination, transmission method and specific content which triggered the incident.

How to get started:

GhangorCloud understands that every enterprise has its own unique data security needs. GhangorCloud's team of Data Loss Prevention experts and its Value-Added Distributors will work with you to understand your unique data security requirements and priorities.



Please contact GhangorCloud to get started: email info@GhangorCloud.com.