

The Problem

In today's business markets, data loss prevention and data security are at the forefront of everyone's minds with it being a major concern for businesses globally. Gartner's 'Magic Quadrant for Enterprise Data Loss' talks about how currently 50% of organisations employ a data loss prevention solution and they predict this will rise to 90% in the near future – the need being driven by regulatory requirement. According to a PWC report, 90% of large and 74% of small companies have suffered a data breach in the previous year. Controlling and protecting high value and sensitive information within and outside your business is a priority with IBM's Ponemon Institute reporting insider threat as being the main risk to today's enterprise. The industry challenge is in identifying solutions that protect and monitor your high value data in real time, without impact on your day to day enterprise and end user workflows.

What is GeoLang?

GeoLang is an award-winning technology for locating, securing and controlling the movement of sensitive data and intellectual property within cloud and on-premise environments: including cloud collaboration environments, document management, email systems and file servers. GeoLang protects not only critical content down to the level of a sentence or word, such as IP contained within patents, but also identifies and protects payment card information and personally identifiable information, intervening when protected content is detected – in real time! The GeoLang platform incorporates powerful machine learning algorithms that provide automated classification across the corporate infrastructure via seamless and transparent integrations with enterprise applications – both inside and outside the enterprise firewall.

Protecting at the Content Level

GeoLang protects ideas, high value and sensitive information at true content level – not just files – by fingerprinting and analysing data whether contained within documents, email data streams or computer code.

For example, cutting and pasting a sentence from a confidential document and placing it inside an unclassified, unprotected document or within the body or attachment of an email, can be detected, reported and the document quarantined or blocked in real time. GeoLang's highly automated classification and content protection system means end user interaction to protect information is minimal, whilst GeoLang's *Smart Workflow* and feedback engines work seamlessly within everyday enterprise applications - ensuring the day to day end user and business workflow is not interrupted unnecessarily.

How Does it Work?



Fingerprinting



Indexing



Matching

The Technology

GeoLang's patented irreversible fingerprint offers the next level of granularity in protecting document content, giving your enterprise the edge when it comes to enterprise collaboration and sharing within today's de-perimeterised environments – even if you already have DLP and CASBs in place. And you own the fingerprints!

Unlike traditional DLP, GeoLang does not keep a copy of your data, instead irreversible fingerprints are generated from your high value content and indexed within the GeoLang Vault - with on premise or cloud deployment options. GeoLang matches your protected irreversible fingerprints against the content being processed within your enterprise applications, intervening when a fingerprint match is detected - remediating according to pre-set intervention levels, with audit logs and reporting as standard.



Classify



Protect



Detect

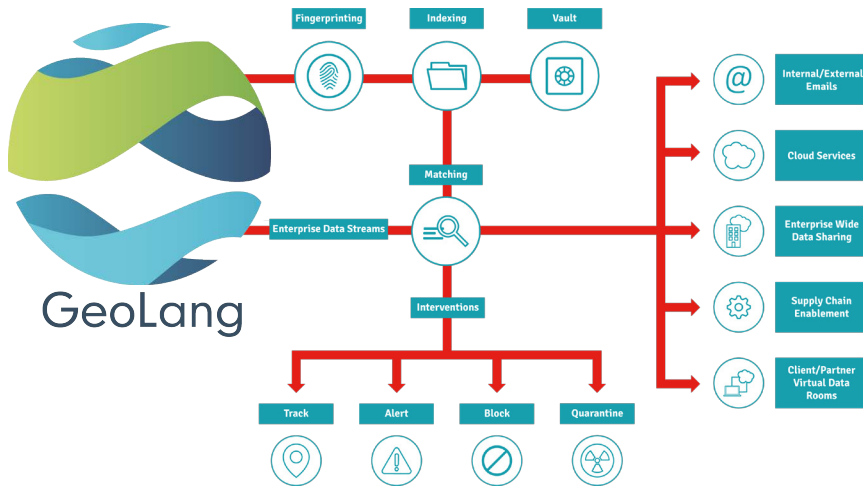


Remediate



Report

Architecture



GeoLang - Information Access Security Broker

The world's first connected platform, for classifying and protecting high value content across authorised enterprise applications - on premise, in the cloud and hybrid.

Machine Learning, Behavioural Analysis and Real Time Remediation

Classifies and protects at *TrueContent* level in real time - simple to deploy, easy to use.

Modular - Connect to any Enterprise Application

Works with proprietary and bespoke enterprise applications, in real time, at scale.

Solution

Insider threat is now considered one of the top three cyber security threats facing industry today. It is widely recognised as unrealistic to expect employees to make the right decisions every time. Whatever type of high value or sensitive information you wish to protect - whether the insider threat is malicious, opportunist malicious or genuine human error - there is an increasing need to identify, classify, detect, protect, remediate and report on data as it flows around the enterprise in real time. GeoLang's Data Discovery solution integrates seamlessly into any business infrastructure - allowing you to tailor GeoLang to your business needs. GeoLang works seamlessly within a variety of sectors, from financial to legal. GeoLang's innovative technology and automated classification, supported by machine learning, allows your business to demonstrate an excellent data loss prevention strategy to support regulatory compliance.

"GeoLang's solution is very relevant, and very now..."

Federated information access security is available across...



GeoLang is simple to deploy and even simpler to use and works with many proprietary applications such as Office365, G-Suite, Box, Atlassian (Confluence, Jira, Bitbucket) and Alfresco. GeoLang is also highly portable and can be licensed for integration with bespoke and legacy systems - making a truly federated enterprise DLP and classification solution. With a variety of partnerships already in place, GeoLang offers the next generation in information access security.



About GeoLang

They are a software development company and an innovation engine specialising in the cyber security and business resilience market, with an emphasis on providing advanced, content-aware information management solutions. The company was awarded the title of UK's Most Innovative Small Cyber Security Company at Infosecurity Europe for their next generation Data Discovery and classification platform - GeoLang Data Discovery.

Contact Us:

22 Great James Street, London, England, WC1N 3ES United Kingdom

email: contact@geolang.com
Phone: +44 (0) 800 368 5313
LinkedIn: GeoLang Ltd
www.geolang.com

UK's Most Innovative Small Cyber Security Company

