

## Technical Solution Datasheet: Clearswift + Geolang

# Information Protection in the Cloud

Today organizations rely on collaboration to maintain and grow their business. In the past most collaborative projects were internal, and external collaboration relied upon email as the communication method. Today, with the advent of cloud collaboration tools, there is a need for a solution to address both internal and external collaboration, protecting the information at all points.

### Professional Services

A number of consulting options are available to help with the deployment and configuration of this solution:

- Architecture Design
- Policy Design
- Solution Implementation

### Products

- Clearswift SECURE Email Gateway
- Clearswift SECURE Web Gateway
- Clearswift SECURE Exchange Gateway
- Clearswift SECURE ICAP Gateway
- Clearswift Information Governance Server
- Geolang Ascema

### Support

Clearswift provides 24x7 global support as standard, with additional options for premium support.

### Business Problem

Today's business run on information and collaboration. Collaboration which used to be internal is now external, while communication channels have moved from being predominantly email, to include cloud collaboration and storage applications. This enables greater agility, with more people able to work on projects more efficiently, but it also creates greater risk. While information inside the organization can be more easily controlled, as can that moving across the organizational boundary, externally hosted collaboration platforms provide too little control. This limitation is frequently ignored by the business – which sees their project as being more important than security. The challenge for today's CIO and IT department is to enable secure collaboration, making the most of new technology and working practices.

### Protecting Information Not Just Files

Changing the format in which information is found is trivially easy, from saving as a PDF, to a simple cut and paste from one document to another, to embedding documents. Tracking and protecting a file is no longer as useful as it was in the past. The key is to be able to take documents, extract the information and then to be able to track that as well as the whole file. This means that if a paragraph or even a sentence is taken out from the document, the system can take action. Blocking the unauthorized sharing of the information and informing the system administrator and document owner.

### The Clearswift & Geolang Solution

Clearswift and Geolang has created a solution to resolve the problem of secure collaboration both inside and outside the organization. A document can be registered simultaneously on both the Clearswift Information Governance Server and the Geolang Ascema platform. This will protect the information, rather than the document. Clearswift will ensure that protected content will pass only to appropriate internal senders and recipients and also does not cross the organizational boundary to unauthorized external individuals, no matter what format it is in. Having been uploaded to a cloud collaboration site, Geolang will prevent unauthorized information sharing, even with those who are not on the corporate network. For those unsure which collaboration sites are in use, the Clearswift SECURE Web Gateway can also be used to create a report on usage and block access to all those which are not authorized.

## About Clearswift

Clearswift is trusted by organizations globally to protect critical information, giving them the freedom to securely collaborate and drive business growth. Its unique technology supports a straightforward and 'adaptive' data loss prevention solution, avoiding the risk of business interruption and enabling organizations to have 100% visibility of their critical information 100% of the time.

As a global organization, Clearswift is headquartered in the United Kingdom, with offices in the United States, Germany, Australia and Japan and an extensive partner network across the globe.

For more information:  
[www.clearswift.com](http://www.clearswift.com)

## About Geolang

GeoLang is 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.

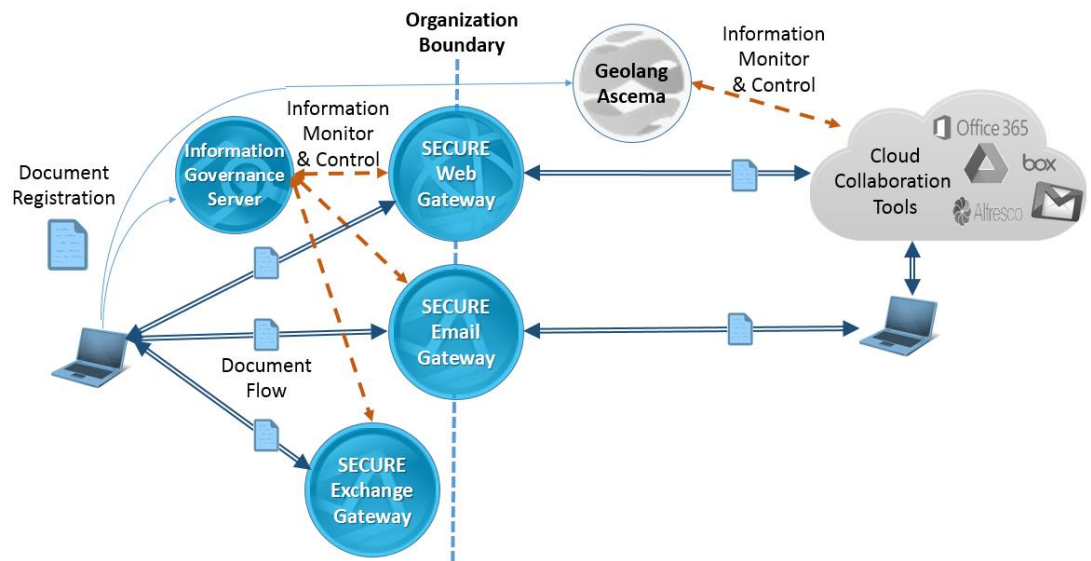
GeoLang was awarded the title of *UK's Most Innovative Small Cyber Security Company 2015* at Infosecurity Europe 2015 for our patented, fingerprinting, indexing and matching platform – Ascema.

For more information:  
[www.geolang.com](http://www.geolang.com)

## Architecture

The solution consists of Clearswift email and web gateways which can be connected to the Information governance Server. When a document is registered with the Clearswift solutions, it is also registered with the Geolang Ascema solution. While inside the organization the information is protected by Clearswift, including if it is sent through email (internally or externally), or uploaded through the web to common collaboration sites including, Box, Office 365, Google drive and Alfresco. The standard Clearswift adaptive DLP functionality including Adaptive Redaction can also be used.

When the information has been uploaded, at this point the Ascema product takes over monitoring and control, even if the user is outside the organization boundary.



## Deployment Options

The Clearswift SECURE Gateways can be deployed on-premise or in the cloud. On-premise the solution can be delivered as an appliance, software or a virtual machine. The Information Governance Server (IGS) is typically deployed on premise and connected to the gateways.

Geolang Ascema can also be deployed on-premise or in the cloud.

## Contact Us

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