

Unstructured Data Masking Completing the Compliance Circle by masking unstructured data

Unstructured Data Masking (UMask)

In order to maintain compliance, pass audits, mitigate risk, and protect your sensitive PII, PCI, and PHI data, Obfuscation and masking must be applied across your enterprise. There are many data obfuscation solutions for handling data contained database systems but what about unstructured content? Is that in compliance? Without masking unstructured content how secure is your environment?

UMask is a solution from ABMartin that will help you 'complete the compliance circle' by obfuscating unstructured data such as PDF's, images, web logs, MS Office documents, flat files, HL7 messages and more.

UMask can run standalone or in conjunction with pre-packaged database data privacy solutions to ensure data is masked consistently maintaining referential integrity across the entire enterprise for both Structured and Unstructured content.

Why UMask?

The volume and variety of big data make it a target for data breaches. The financial loss due to compromised records can be enormous. UMask obfuscates unstructured data protecting organizations should a breach occur.

Unstructured data includes many sources of business information that, until recently, was not a security focus for data privacy providers. These typically include MS Office Documents, social media data, PDF files, scanned images (insurance and healthcare claims, W2 tax documents, etc.) web logs, and text messages. This security gap leaves companies exposed if they are not also obfuscating this unstructured information.

Maintaining the relational integrity of data is paramount for advanced testing and QA. UMask is an effective tool that can replace sensitive data with contextually and accurate fictitious data in a single database or across multiple related systems. UMask works simultaneously with structured data masking and automatically applies obfuscation policies to unstructured data.

Other ABMartin Modules:

Intelligent Redaction Module (IRM) - allows "Redaction on the Fly" replacing values from documents with similar 'like-named' values ensuring your documents are protected at the same time maintaining the message/look and feel. The IR Module will redact in flight and redact according to the intended audiences authority. Keep a single copy and redact as required. No more maintaining multiple document levels.

File Reduction Module (FRM) - reduces the footprint of multiple image types while maintaining the quality. Reducing storage costs, improving performance of your content management systems while freeing up your network bandwidth during document retrieval. Save on storage and cost.

