



# Deep Secure Application eXchange (AX)

## Content Threat Removal APIs for Developers.

The Deep Secure Application eXchange product is a set of AWS APIs that developers can use to access Content Threat Removal as a Service and integrate it into their workflows and applications. Access to both the APIs and associated development tools is via the Deep Secure Content Threat Removal Developer Portal.

Built on AWS Lambda serverless computing and microservices for limitless scalability, content threat removal guarantees digital content is threat-free, eliminating the evasive, zero-day and undetectable attacks in content that routinely defeat detection-based anti-virus scanners.

### How it Works

Using the APIs you simply pass a document from an untrusted source to Deep Secure's content transformation engine and get a guaranteed 100% threat-free document back!

During transformation, only the valid business information is extracted from the source document, we then discard the original - leaving behind any threat - build a brand new threat-free document and give you that one back.

### 100% Digitally Pure Content

The content transformation engine will transform OfficeX, PDF and Image files, rendering them 100% free from evasive, zero day, known and unknown threats. Content transformation also eliminates even undetectable threats such as those concealed in images using steganography.

### Choice of API

The Application eXchange Threat Removal API is available in 3 variants.

The Instant API enables simple uploading and immediate downloading, doesn't require any additional infrastructure and is suitable for content that is under 5MB.

The Async API supports file sizes up to 250MB and more complex content. It enables large files to be processed and allows more advanced scenarios such as uploading from one system and then downloading the safe content from a separate system.

The S3 API lets us pull and push content from and to your S3 buckets. Just tell us how to access them, and we'll do the rest. You can set it up so that processing happens automatically whenever items are added to a bucket. The S3 API is an excellent fit for event driven workflows. You can submit large files, and have the new files uploaded to a separate bucket, which could even be in a separate AWS account.

Which API do I need?

	Instant	Async	S3
Type of API	HTTP Upload	REST/json	REST/json + event driven
Content size limit	5MB	250MB	250MB
Number of API requests required	1	4 (minimum)	1
Processing time	0-30 seconds	0-200 seconds	0-200 seconds
AWS services required to use	None	None	S3, IAM and SNS
Content temporarily stored	No	In S3 with KMS	No
Available in multiple regions	✓	✓	✓
Fully documented	✓	✓	✓
Code samples available	✓	✓	✓

**Learn More**

Contact [info@deep-secure.com](mailto:info@deep-secure.com) for more information on the Deep Secure Content Threat Removal Developer Portal.