



## USE CASE

# SDK Integration

Discover a programmatic way to use the Glasswall CDR (Content Disarm and Reconstruction) platform. Our SDK Integration enables you to determine how analysis and threat removal integrates into your business workflow using Rest-based APIs.

## Integrate Glasswall CDR your way

The Glasswall CDR Platform can be integrated into processes in a variety of ways to offer instant file protection. There are two main versions of Glasswall SDK. First, a discrete library that can be embedded into software or a device, which operates without connections to the outside world and is highly performant at processing files in series.

And second, the Glasswall Cloud SDK which uses a cloud native Kubernetes-based architecture exposing an API to the requesting service—allowing for massively parallel processing scale. The Glasswall Cloud SDK can be deployed within a public, private or hybrid cloud environment and does not require online access to operate.

## Key benefits



**Trust your files again**  
Glasswall CDR disarms and secures every file in real-time



**Seamless integration**  
with all major platforms using standard industry programming languages



**Keep business moving**  
with sub-second processing of documents and files



**Files are identical**  
to originals, with policy-driven actions to remove potentially harmful active content



## Key features

- ✓ Cloud native Kubernetes-based architecture provides a Restful API and delivers a highly-scalable analysis capability to flex with the demands made by the requesting service
- ✓ Sample API code provided to interact with OpenAPI 3 compliant web service endpoints, including Java, C#, Python, JavaScript, Golang and PHP
- ✓ Support for the most widely used file types, including Word, Excel, Powerpoint, PDF, and media image files
- ✓ Stateless interactions with the Glasswall CDR Platform to ensure that file sanitization requests are returned without delay or requiring complex process handling—all in line with the performance goals of the main application
- ✓ Threat intelligence reporting around file types and volumes; file size; embedded objects and feature counts; and masquerading file counts

## How it works

Glasswall CDR technology instantly cleans and rebuilds files to match their known good manufacturer's specification – automatically removing potential threats. This simple approach ensures every file in your organization is safe, without sacrificing productivity.



### Inspect

files digital DNA



### Clean

risky content (by policy)



### Rebuild

to known good standard



### Deliver

safe, visually identical file