

## USE CASE

# Securing Customer-Submitted Data

How an Organization Enhanced KYC Workflows by Reducing Security Risks & Improving Image Usability

An organization's Know Your Customer (KYC) processes faced challenges handling customer-submitted images via a web portal due to file size limitations and potential security risks.

The customer's back end database enforced a 100kb size limit, causing users to manually compress and alter images - often making them unusable.

To address these issues, the organization integrated Everfox Content Disarm & Reconstruction (CDR) with a preprocessing tool.

This enabled submitted images to be made conformant, threat-free and stored securely without compromising on quality or security.

### CHALLENGES:

- File Size Limitations
- Receiving Images from Untrusted Sources
- Operational Inefficiency

### APPROACH:

- Pre-Processing Images with Everfox CDR
- Automated Image Optimization
- Secure, High-Quality Storage

### SOLUTION:

- Everfox CDR
- Everfox Gateway eXtension

### BENEFITS:

- Enhanced Security
- Improved Usability & Operational Efficiency
- Meeting Compliance Requirements



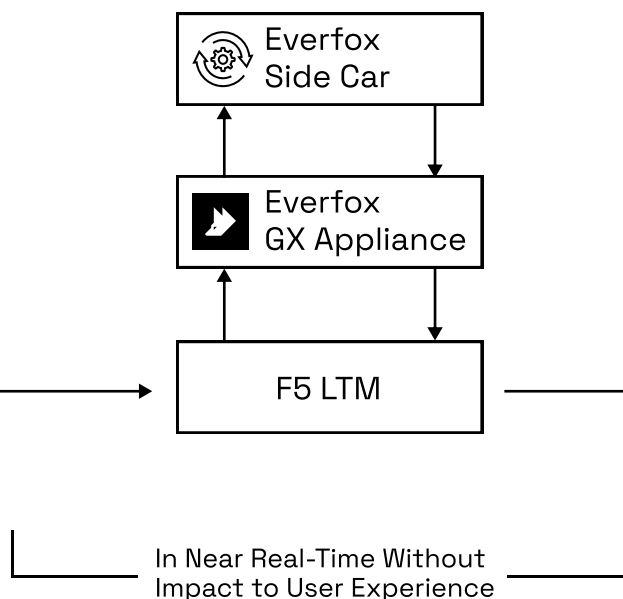
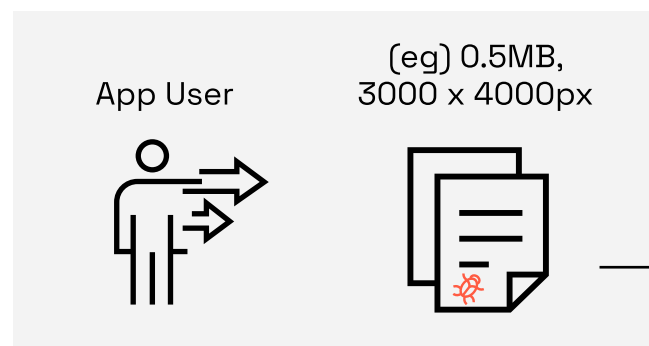
# Web Portal Protection

## Image Pre-Processing with Everfox CDR via a Gateway eXtension (GX) Appliance

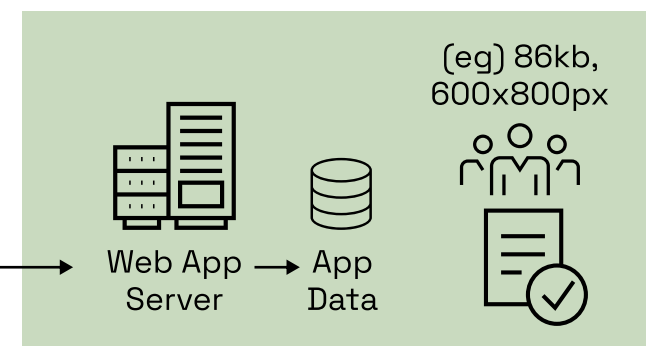
### The Process:

- 1 A customer uploads an image file
- 2 The load balancer hands off the upload request to the GX Appliance via ICAP
- 3 The GX Appliance passes the image data to a Sidecar Server
- 4 Sidecar Server applies predefined size & resolution constraints to the image file
- 5 Sidecar Server returns the modified image to the GX Appliance
- 6 The GX Appliance uses Everfox CDR technology on the whole HTTP Request
- 7 The GX delivers a new HTTP request to the load balancer in the ICAP reply
- 8 The web application then stores the compliant, malware-free image

### Internet / Public



### Internal Web Application



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