

# Imperva Content Delivery Network (CDN)

## Improve customer experience by making websites faster and more reliable

Website users expect instant access to every file they need whether they are using a browser or mobile app, but increased bandwidth usage and surges in network traffic can slow down content delivery speed and hamper the performance of your application or website. Content Delivery Networks (CDNs) distribute bandwidth across multiple servers, to reduce cost, lower latency, and optimize performance by ensuring fast access to content and applications.

### Fast and secure content delivery

The Imperva CDN, the backbone of Imperva Application Performance, improves website content delivery and keeps costs down with intelligent caching, load balancing and automated failover to efficiently deliver web applications around the globe. By dynamically profiling website resources, analyzing frequency and identifying all cacheable content (dynamic and static) the Imperva CDN ensures that the most commonly accessed resources are identified and fetched directly from memory without resorting to slower access mechanisms like buffer cache.

Imperva not only makes your websites faster and more reliable, but also secure to our market-leading Web Application and API Protection (WAAP) platform that safeguards your site from the latest threats. Imperva solutions run on a globally-distributed network of data centers that deliver full site acceleration through intelligent caching and content optimization.

### Increase delivery speed with our custom rules engine

Using advanced delivery rules and load balancing algorithms the custom rules engine lets you customize your rules to adapt to your environment. Including features such as Response Header Override, the custom rules engine reduces latency, tightens security and improves overall operational performance.

#### KEY BENEFITS:

- Reduced Costs
- Lower Latency
- Improved Performance
- Increased Resilience

Imperva CDN improves website and app performance to provide a better experience for your customer offering faster load times, enhanced content delivery and reduced bandwidth costs.

Advanced Caching for accelerated site speed

Content Optimization for fast dynamic content

Custom Rules for reduced latency and improved performance

Load balancing for lower latency and automatic failover

Automated security solutions in a single-stack to safeguard against the latest threats

Waiting Room to keep your website online during peak times

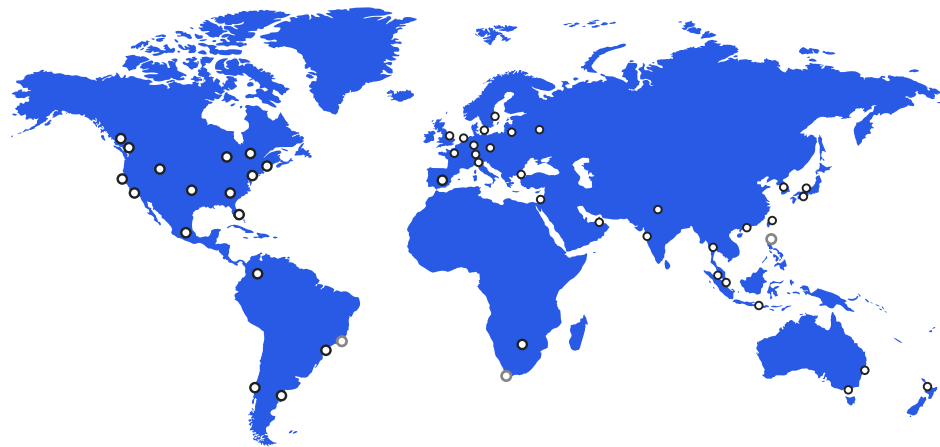
Learn more about Imperva Application Security at [imperva.com](https://www.imperva.com) or by calling +1.866.926.4678.

## Keep your website online with Imperva Waiting Room

Designed to keep your website online during peak times Imperva Waiting Room lets you manage the flow of traffic by redirecting site visitors to a virtual waiting room until it is their turn to enter the site. the result is a better user experience for your customers who are more likely to stay on your site.

### IMPERVA LOCATIONS GLOBALLY:

○ Operational ○ Planned



## Improve Performance and Resilience

On average, websites using the Imperva CDN are 50% faster and consume up to 70% less bandwidth thanks to dynamic caching and our reliable, self-healing mesh network topology. Improvements to website performance can be monitored on the website dashboard.

All Imperva Points of Presence (PoPs) are full-stack, and strategically distributed across 50 locations around the globe to reduce the distance between the origin request and the data to ensure the lowest latency possible. Dynamic Content Acceleration (DCA) leverages the high-quality connectivity between Imperva PoPs to improve response time, with website user request traffic being routed across our network instead of being sent on to your origin server.

The Imperva CDN was built for resilience offering customers fast content delivery and improved website performance along with complete protection at the edge.

## Supports Brotli Compression

Imperva supports Brotli compression to enable more efficient transfer and loading of your textual files, such as JavaScript, CSS and HTML.

**Code Compression**  
Compress files for faster transfer and loading.  
[Read more](#)

**Compress textual resource files**  
Files such as JavaScript, CSS and HTML are compressed as they are transferred. They are decompressed automatically within the browser.  
☒

**Compression format:**  
☒ Gzip  
☐ Brotli - Recommended for more efficient compression

**50%**

speed & performance  
increase on websites  
using Imperva CDN

Imperva is the,  
**cybersecurity leader**  
whose mission is to  
protect data and all  
paths to it. Customers  
around the world trust  
Imperva to protect  
their applications,  
data and websites  
from cyber attacks.

Imperva protects  
**critical applications,  
APIs, and Data,**  
anywhere, at scale,  
and with the highest  
ROI.