



WHY HOST
WHEN YOU CAN FLY?

INTRODUCING THE PROTECTSERVE PLATFORM

CacheFly accelerates the delivery of web objects, applications, objects, files and streaming media while providing bulletproof, leading-edge information security.

CacheFly ProtectServe offers an innovative industry leading solution, allows customers full access to their files at all times, and a simple interface for modifying files without the need for complicated network API's. CacheFly uses an easily adaptable system that works in real-time and on-demand.

CacheFly's ProtectServe platform is the first solution which gives customers the full power of a CDN (Content Delivery Network) while still maintaining secure control over their files.

Access can be restricted via several methods, all of which are secured by a sure-fire, bulletproof md5-shared secret system.

Some of the advanced features include:

- **Timestamp based:** The customer website generates a link to be delivered on CacheFly, which expires at a specific time (10 seconds, 20 seconds, 1 minute, 1 day, etc).
 - Once expire-time is reached, customer will be either served a 403 error page, or the client can embed a 'bad URL' in the link, which the client will be redirected to upon failure. This offers a fully integrated and transparent user experience, where your own familiar site can explain to the user the reason for failure, and provide a new download link or a new revenue opportunity.
 - Part of the link includes an MD5 hash of the variables and your 'shared secret', known only to you and the CacheFly servers. In the event the user decides to modify a variable or file path, ProtectServe detects the tampering attempt, and serves the user a 403 or redirects them to your custom failure handler.
- **Id based:** The same principles as the timestamp solution apply. However, instead of supplying a timestamp at which the link expires, the link page includes an authorized user id, enabling this id to continue to retrieve the link, for as long as the account or id is in good standing.



WHY HOST
WHEN YOU CAN FLY?

- Your back-end systems then send CacheFly the 'revoked ids', when a user is no longer allowed to access your content.
- When the request is received by ProtectServe, it checks the id supplied against the revoked list.
- If the id is no longer valid, then the visitor is served a 403, or redirected back to the 'bad URL' page embedded in the link.
- As with the timestamp solution, the request variables are hashed with your shared secret. If a visitor attempts to modify the id variable, ProtectServe detects the tampering due to the failed md5 hash check.
- **Customized Solutions:** Since the CacheFly's content delivery platform is fully developed in-house, we can also tailor solutions to individual clients' needs. Personalization and addressing your unique needs and requirements, gets tops priority from the experts in CDN.

Fast, efficient website distribution is the main goal of Content Delivery Networks, but CacheFly is not only concerned with improving website performance. Our prerogative is to ensure the strength and profitability of your business. Our ProtectServe platform aims to be invisible: Enhancing performance and profit without being invasive to regular website operations.

Contact us today for a risk-free trial.

w w w . c a c h e f l y . c o m

Phone +1-877-44-CACHE (877-442-2243) • Fax +1-877-442-2243 • sales@cachefly.com