



## AICACHE v6.x SOFTWARE BRIEF

### Site Acceleration

Pages load faster with with over **250,000 RPS** (requests per second) served directly from aiCache; freeing capacity in the web farm.

**HTTPS** support with over 2Gbps of raw AES256 bulk encryption throughput and over 15,000 RSA-1024 sessions per second on common 64bit hardware.

Flexible pattern matching and TTL's give precise control of the cache configuration.

Flexible document freshness controls including cookie-driven and on-demand header-driven cache expiration.

Execute customer-specific code via straightforward and easy-to-implement plugin architecture at the edge.

**Highly Available**, cluster aware with **VIP** support.

### Cost Control

aiCache reduces hardware, software, and hosting footprint, often over 60%.

Dynamic Cloud Caches provide the functionality of CDN's with superior control and reporting while removing the cost and term commitments.

Diagnostics, reporting and smart alerts reduce down-time and support costs.

### Diagnostics & Monitoring

Advanced CLI, web and SNMP interface for management, monitoring and troubleshooting.

Monitors and reports health of origin servers while allowing hot swap of servers failing health check.

Built-in smart, non-flooding alerts on RPS, response time, number of client or server connections.

### Cloud Deployed

aiCache is available from top cloud providers, allowing rapid deployment and scaling without capital expenditure.

aiCache can proxy traffic to the cloud while data remains in a secure environment.

aiCache is available on:

Amazon Web Services	RightScale
The Rackspace Cloud	Eucalyptus

### Mobile Support

Identifies mobile devices and serves the correct content based on capabilities of device.

Prefetch feature accelerates mobile ad-serving of non-cacheable responses, such as slower 3rd party Advertising APIs.

### Protection & Security

Industries most advanced DOS (Denial of Service) and DDOS (Distributed Denial of Service) protection including reverse-turing and access tokens.

Protects against malformed URL's with detailed reporting on malicious attacks.

Admin fallback feature keeps site operational during a catastrophic failure.

### The Extras

Load balances requests across a number of origin web servers. Supports server pooling.

Enforces cache authentication for sites requiring logged in users.

SEO friendly on the fly URL re-writing.

One single simple text file configuration. No XML!

aiCache provides 30 day complete evaluation copies, 2 free hours of installation support and complete professional services.