

DATA SHEET

Solbox Web Acceleration

In today's Internet-driven world, your audience demands instant access to your online content, whether they're accessing your company websites and online applications, or downloading music files or software. These demands for a faster, richer web experience, along with increasing file sizes and unpredictable traffic, can make it challenging to live up to user expectations without costly investments.

The **Solbox Web Acceleration** offers you a cost-effective solution for quickly and reliably delivering content to audiences by applying multi-core based high performance caching— even during peak traffic and flash crowds — so you can provide the performance they want while reducing digital delivery costs.

Benefits

- Optimize the delivery of your images, web pages and documents deployed for localized delivery of your web content.
- Keep visitors on your site with responsive interactions
- Engage users with performance similar to using desktop applications
- Captivate users with high quality media and personalized information
- Accommodate peak loads, seasonal traffic, and audiences
- Lower infrastructure costs while increasing flexibility, scalability, and availability
- Gain full visibility into site activity with detailed reports and analysis

Features

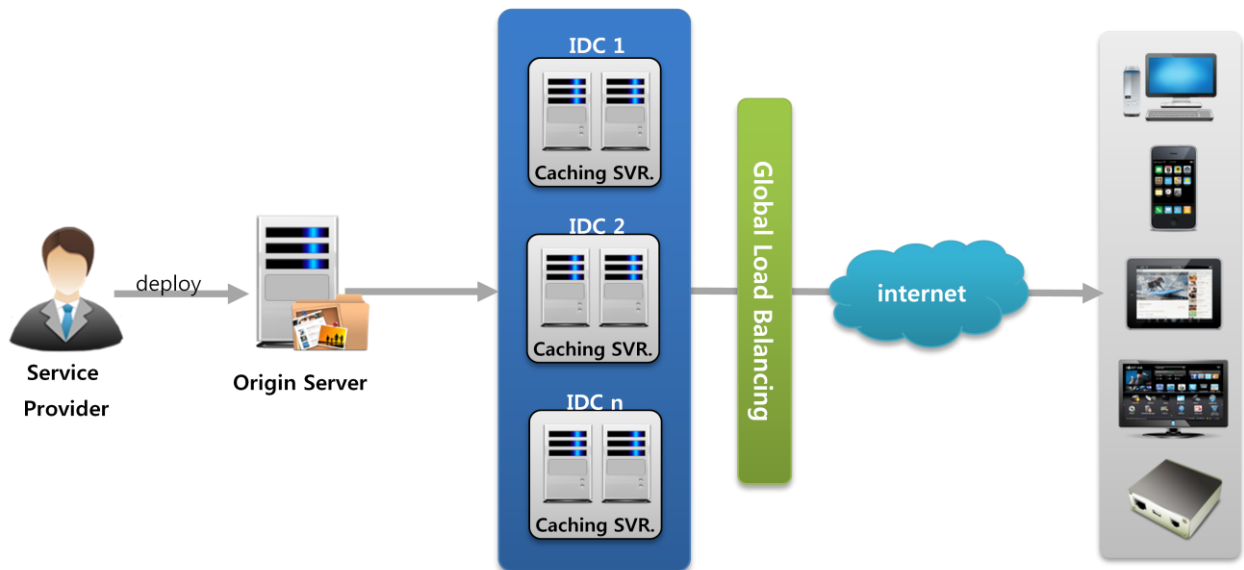
- Website Transformation
Optimize website code and digital asset delivery based on browser, device, including mobile, and user interaction.
- High-performance Caching
Multi-core based caching server speeds up the response time and delivery faster than ever experienced.
- Optimized Caching Speed
Deliver audio and video assets with the highest speed by improving Disk I/O dramatically.
- Redundant Origin Servers and Automatic Fail-over
Support secure and reliable service through automatic fail-over by providing the redundant origin servers.
- Powerful and Instant Purge
Enables the same web services simultaneously by synchronizing the origin server's contents to the entire cache servers.
- Enhanced Security
Mitigate against unauthorized access and piracy.
- Conditional Access Control
Geographic intelligence, referrers and more offer additional control of your content on the CDN.
- Robust Reporting and Support Tools
The Content Portal, Analytics, and Reporting tools provide a complete view into your distribution.

Specification

	Category	Description
Cache Spec	Protocol	<ul style="list-style-type: none"> • HTTP 1.0, HTTP 1.1, HTTPS, HLS, and more
	Contents Type	<ul style="list-style-type: none"> • Image, video, audio, games, and more
	Origin Contents Location	<ul style="list-style-type: none"> • Client servers
Additional	Session Traffic Control	<ul style="list-style-type: none"> • Enable cost-effective transmission of large-scale files like video
	Burst Mode	<ul style="list-style-type: none"> • Support QoS for video playback by optimizing the beginning section of each session
	Purge	<ul style="list-style-type: none"> • Provide the user-friendly convenience with web-based GUI and API • Various purge options like File, Directory, and Regular Expression
	Access Control	<ul style="list-style-type: none"> • Secure the site by providing access restrictions like Referrer, URL, IP, and User Agent
High	CPU Performance	<ul style="list-style-type: none"> • ASYM(Asymmetric Multi-Processing, Multi-Layer architecture of multi-core

Performance	Maximizing	Server) increases performance linearly as more CPU cores.
	Optimized Caching Object Store	<ul style="list-style-type: none"> Multi-File System appropriate to web caching speeds up the processing by reducing Disk I/O.
Analytics & Monitoring	Reconfiguration without Interruption	<ul style="list-style-type: none"> Provide the constant service quality without interruption by reconfiguring the cache setting.
	Analytics	<ul style="list-style-type: none"> Web-based analytics features and data like Traffic, Hit rate, Bandwidth Saving Rate, Users, ISPs, Response Time, Content Category, Referrer URL, Response Code, and more
	OpenAPIs Connection	<ul style="list-style-type: none"> Access data and control the client's CDN directly using OpenAPI for analytics and monitoring.
Contents Management	Refresh Rule(TTL)	<ul style="list-style-type: none"> Synchronize the newest contents based the available date of the objects.
	Add-ons	<ul style="list-style-type: none"> Support Collapsed Forwarding, X-Forwarded-For, URL Rewrite, Etag and more.

Diagram



Applicable Services

- Frequently requested images services in shopping malls, auction sites, Web cartoons, games and portal sites
- Large-scale electronic catalog browsed very often
- Newsletters or newspapers updated periodically and regularly
- On-line game patch download
- Regular and periodical download like virus vaccines, adwares, etc.