



Proven-Performance Transparent Caching

Conversant's SwiftCache™ is a proven high performance media-caching appliance designed specifically to handle the challenges of the modern Internet. The intelligent caching engine is optimised for video caching (including live-streaming), as well as more traditional content such as websites, images or file downloads.

SwiftCache™ enables network service providers to offer a better service to their subscribers, while realising big savings.

Features

SwiftCache™'s features include:

- > Appliance models with specifications to suit any caching needs, whatever the size of the network
- > Optimised for video delivery and the modern Internet
- > Easy management via a web-based GUI, or with scriptable CLI or SNMP
- > Highly flexible policy configurations to handle dynamic URLs, video-seek requests, and other such content that has traditionally been very difficult to cache effectively
- > Cloud-based service for rule updates to ensure optimal cache performance
- > No disruption to non-HTTP content
- > Overload or bypass mode to ensure that, should the cache become overloading, it will not disrupt user experience
- > Comprehensive reporting, including cache hit-rates and traffic levels on a per-site basis for most popular sites
- > Clustering and inter-cache communication, for greater scalability and resilience, with the ability to manage and configure the cluster as a single machine
- > Content Filtering, including using white and black-lists or selection by category e.g. social media
- > SwiftSense: a cloud service for SwiftCache™ that maximises cache performance, provides high level business reporting

BENEFITS

OPEX SAVINGS

Reduce the amount of international transit bandwidth consumed and the volume of traffic in the regional backhaul by between 30% and 80% (depending on the type of traffic cached and how well the platform can be optimised) - this means OPEX cost savings for you.

CAPEX SAVINGS

Reduce the need to invest in infrastructure to cope with the rise in traffic, which translates into CAPEX savings

IMPROVED CUSTOMER SATISFACTION

Improve the response times for your customers (end-users), enhancing their experience and their satisfaction

BUSINESS INSIGHT

Gain a better understanding of what is happening on your network, and what your customers are doing

NEW REVENUE STREAMS

Create new revenue streams by offering a content filtering service to your customers or by using your cache to become a delivery partner for the SwiftServe CDN service

Technical Specifications

Model	SC 1100 (50, 100, 300 & 1000 Mbps Options)	SC 30100 (2, 4, 7 & 10Gbps Options)	SC 30100 HC (2, 4, 7, 10 & 15Gbps Options)
Processor	Intel® Xeon® Quad Core	Dual Socket Intel® Xeon® 12 Core	
Processor Cores	4	24	
Memory	32GB	128GB	256GB
Redundant System Drives (Hot-plug)	2x 1TB SATA	2x 600GB SAS	2x 600GB SAS
Dedicated Cache Storage Drives (Hot-plug)	2x 2TB SATA	20x 600GB SAS	24x 1.8TB SAS
Embedded NIC Options	2 x 1000BASE-T	2 x 1000BASE-T, 2 x 10GBASE-SR/LR SFP+ ¹	
Enclosure	19" rack-mountable		
Form Factor	1U	2U	
Dimensions (L x W x H)	497.0mm x 434.15mm x 42.8mm (19.5" x 17.09" x 1.69")	684.0mm x 444.0mm x 87.3mm (26.92" x 17.49" x 3.44")	
Weight	11.6 kg (25.6 lb)	35.6kg (78.48lbs)	
Power Supply	AC: Cabled 250W	AC: Dual Hot-Plug, Redundant 750W DC: Dual Hot-Plug, Redundant 1100W	
Input Voltage and Frequency Ranges	AC: 100 – 240VAC, 50/60Hz	AC: 100 – 240VAC, 50/60Hz DC: -(48-60)VDC	
Power Consumption (Typical)	167W	455W	
Operating temperature	10°C-35°C (50°F to 95°F)		
Relative Humidity	Operating: 20% to 80% Relative Humidity, Non-Condensing Non-Operating: 5% to 95% Relative Humidity, Non-Condensing		
Altitude Ranges	Operating: -15.2m to 3,048m (-50ft to 10,000ft) Non-Operating: -15.2m to 10,668m (-50ft to 35,000ft)		

¹SFP+ transeivers are sold separately.

Conversant Solutions (www.conversant.com.sg) helps content publishers and network service providers profit from delivering a better Internet multimedia experience to their customers.