



## 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+ <sup>1</sup>	
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)		

<sup>1</sup>SFP+ transceivers 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.*