

## High Performance Delivery

Swift Delivery Appliances (SwiftDAs) are high performance delivery servers that enable Network Service Providers to serve a variety of digital content fast, efficiently and securely to audiences using a wide range of devices.

SwiftDA is designed to be deployed at the edge of the Network Service Provider's core or metro network. SwiftDA can be the delivery component of a Network Service Provider's licensed CDN (combined with Swift File Appliances - SwiftFAs for storage purposes).



## Features

Product features include:

- > **Multi-Services:** Network Service Providers can provide delivery services for website acceleration, file download optimisation, live-streaming and media-on-demand delivery.
- > **Multi-delivery formats to suit Multi-Devices:** Working with our Transcoding Products: Private Cloud - Swift Transcoding Appliances (SwiftTAs) or Public Cloud (SwiftCoder), Network Service Providers can deliver all types of multi-media contents either Live-Streaming (RTMP, HTTP-FLV, HLS) or Video-on-Demand (HLS, MPEG-Dash, Microsoft Smooth Streaming (MSS), common or fragmented MP4) to all devices.
- > **OTT Caching:** The same appliance can also be used to manage the cost of OTT traffic within the network.
- > **High performance:** High performance software on SwiftDA ensures that they are able to deliver tens of Gigabits/second of client traffic.
- > **Seamless integration with global SwiftFederation network:** Network Service Providers may extend their Conversant's licensed CDN offering (comprising of SwiftDA and SwiftFA) reach through integration with the global SwiftFederation network.
- > **High Capacity (HC) variants:** Optimised for long-tail traffic patterns, such as large VoD catalogues, or accelerating multiple media-heavy sites with high performance.

*Conversant Solutions ([www.conversant.tv](http://www.conversant.tv)) helps content publishers and network service providers profit from delivering a better Internet multimedia experience to their customers.*

## BENEFITS

### REVENUE INCREASE

*SwiftDA enables service providers to earn revenue by delivering content on behalf of SwiftFederation Network.*

*As part of Conversant's licensed CDN offering, SwiftDA enables Network Service Providers to create new revenue streams by providing content delivery services for their customers who wish to publish content, or by offering content themselves.*

### OPEX SAVINGS

*Conversant's licensed CDN offering (comprising of SwiftDA and SwiftFA) provides a very efficient way to deliver multimedia content, reducing the amount of data that needs to be carried across networks, resulting in savings including international transit.*

### CAPEX SAVINGS

*Compared to other solutions in the market, Conversant's licensed CDN offering (comprising of SwiftDA and SwiftFA) is a very cost effective way of building a CDN capability.*

## Technical Specifications

Model	DA 3100	DA 10100	DA 13100	DA 13100 HC	DA 30100	DA 30100 HC
<b>Processor</b>	Dual Socket Intel® Xeon® Eight Core	Dual Socket Intel® Xeon® Ten Core	Dual Socket Intel® Xeon® Twelve Core		Dual Socket Intel® Xeon® Twelve Core	
<b>Memory</b>	32GB	64GB	128GB	256GB	256GB	384GB
<b>Redundant System Drives (Hot-plug)</b>	2x 300GB SAS			2x 600GB SAS	2x 600GB SAS	
<b>Dedicated Cache Storage Drives (Hot-plug)</b>	10x 300GB SAS	10x 600GB SAS	20x 600GB SAS	24x 600GB SAS	24x 1.2TB SAS	24x 1.8TB SAS
<b>Embedded NIC Options</b>	Option 1 : 4 x 1000BASE-T Option 2: 2 x 1000BASE-T, 2 x 10GBASE-T Option 3 : 2 x 10GBASE-SR/LR SFP+ <sup>1</sup> (+ Option of 2x1000BASE-T)		Option 1 : 4 x 1000BASE-T Option 2: 2 x 1000BASE-T, 2 x 10GBASE-SR/LR SFP+ <sup>1</sup> Option 3 : 2 x 10GBASE-SR/LR SFP+ <sup>1</sup>		2 x 1000BASE-T, 2 x 10GBASE-SR/LR SFP+ <sup>1+2</sup>	
<b>Enclosure &amp; Form Factor</b>	19" rack-mountable 2U					
<b>Dimensions (L x W x H)</b>	684.0mm x 444.0mm x 87.3mm - (26.92" x 17.49" x 3.44")					
<b>Weight</b>	32.3kg (71.20lbs)		35.6kg (78.48lbs)		35.6kg (78.48lbs)	
<b>Power Supply</b>	AC: Dual Hot-Plug, Redundant 750W - DC: Dual Hot-Plug, Redundant 1100W					
<b>Input Voltage and Frequency Ranges</b>	AC: 100 – 240VAC, 50/60Hz - DC: -(48-60)VDC					
<b>Power Consumption (Typical)</b>	311W	333W	455W		455W	
<b>Operating temperature</b>	10°C-35°C (50°F to 95°F)					
<b>Relative Humidity</b>	Operating: 20% to 80% Relative Humidity, Non-Condensing - Non-Operating: 5% to 95% Relative Humidity, Non-Condensing					
<b>Altitude Ranges</b>	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.

<sup>2</sup> More options available on request