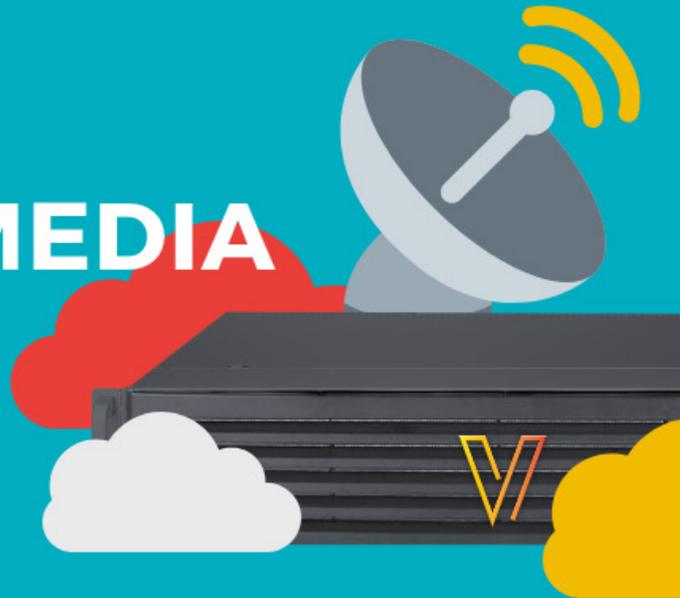# VSCALER FOR BROADCAST & MEDIA

## Implement an IP Media Infrastructure with vScaler Private Cloud

**vScaler enables Broadcast and Media companies to transition to IP-based infrastructures, either as a physical appliance, as a cloud-based service, or as both in a hybrid model.**

vScaler is essentially a Broadcast & Media centric cloud ecosystem, built on commodity hardware and leveraging opensource software. This ecosystem removes the need for traditional proprietary solutions, and makes it easy for manufacturers and software providers, to transition to a cloud based platform.

vScaler helps Broadcast & Media organisations to maintain a dedicated control centre for operations, while their infrastructure (applications, servers, storage & networking) can exist anywhere in the world.

### Optimised Data Flow for Broadcast

Broadcast and media production companies today are under enormous competitive pressure, thanks to greatly accelerated digital workflows. The ingestion, editing, processing and delivery of media is occuring at an ever increasing rate, and leverages already vast asset libraries which continue to grow. As a result, the broadcast workfow relies on secure, reliable, high-performance access to content and collaboration.

vScaler with its in-built cache tier, gives you the freedom to apply and extend your workflow to anywhere in the world. Broadcast and Media organisations with multiple global locations can share assets, collaborate on content creation and editing, and distribute assets between sites without requiring one-to-one data replication. Users in remote or satellite offices can access the entire centrally located remote asset repository as if the content was local.

## Optimised Data Flow

Secure, reliable, high performance access to content and collaboration.

## GPU and vGPU

Options for dedicated GPUs for intensive workloads or vGPU for development environments included.

## Scalable

Scale-up or down with the touch of button, under a single customisable management portal.

VSCALER

# VSCALER

## WHAT DO I GET FROM VSCALER?
### Resource Sharing
Our Cache tier enables collaboration and the distribution of work worldwide to lower cost resource pools. vScaler enables content creators and distributors to grow their storage namespace globally and on-demand. Utilising container-based applications and remote editing workstations, our platform provides instant access to customer data from anywhere, while eliminating media shipping costs.

### vScaler Connect
Offering a secure dark fibre network and through a collaboration of global communication providers, vScaler Connect delivers your data in a fast and secure way. Selectable performance options give you the control whilst our ability to securely deliver data is recognised by leading organisations within the Broadcast and Media sector.

### Broadcast as a Service (BaaS)
Rent infrastructure such as networking, encoding, decoding and storage, on demand, in a pay-as-you-go model. Combined with vScaler Connect, BaaS enables us or you to build your workflows in a flexible and scalable environment offering scalable transport, storage and compute resources.

## HOW CAN I MOVE TO VSCALER?
The switch from your old system can be done in stages with little to no impact on your daily operations. vScaler offers full service on-boarding and service off-boarding assistance, as well as a modular Managed Services options, with no-vendor lock-in.

## VSCALER CONNECT FEATURES
VPLS Network

Resilient Core

Dark Fibre backbone

Key PoPs

IP Transit

Media Grade Internet

## NETWORK PARTNERS
Global Connect

Global Cloud Xchange

Telstra

LINX

Level (3)

## TECH SPECIFICATIONS
Our Hyper-converged 2U private cloud appliance is designed using class leading technologies, the latest processor family, 2666Mhz DDR4 memory, 25GB interconnects and all SSD storage delivering superior performance with our optimised stack.

| APPLIANCE (PER NODE) | |
| --- | --- |
| **MODEL** | VS-H-2824 |
| **SERVER COMPUTE** | Intel 6138 20C/40T Xeon Scalable Skylake |
| **STORAGE CAPACITY** | 6x SSD [480 GB, 800 GB, 960 GB, 1.2 TB, 1.6 TB, or 1.9 TB], |
| **MEMORY** | 384GB DDR 2666MHz |
| **NETWORK CONNECTIONS** | 2x 1 GbE, 1x 1GbE RJ45 (IPMI) Dual-Port 25 GbE RDMA Mellanox |
| **GPU** | Up to 4x NVIDIA Tesla V100 per appliance |

# SPEAK TO BOSTON TODAY FOR MORE INFORMATION,

**WEB:** WWW.BOSTON.CO.UK
**EMAIL:** SALES@BOSTON.CO.UK
**PHONE:** +44 (0) 1727 876 100

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