Exterity is a market leading provider of IP video technology that helps organizations to harness the power of video to communicate, educate and entertain. Now the trend towards viewing content on-the-go is increasing due to demand from viewers to consume the content they want, when they want it, on the mobile device of their choice.

“Exterity’s ‘Beyond the LAN’ capabilities enable the seamless delivery of video content across all screens over a wide range of networks.”

Colin Farquhar, CEO, Exterity
Our end-to-end solutions enable you to capture TV and video content directly from any source and manage its delivery, live or on demand, to any connected device via your existing network.

Customers are now looking to view video content on more devices and in more locations…

Wirelessly via hand held devices – smartphones, tablets
On thin clients
In remote locations via their wide area network or the internet

Use an Exterity Beyond the LAN solution to:
• Enable mobile consumers to keep up to date with the latest news, events and favorite entertainment channels on their chosen device.
• Support a Bring Your Own Device (BYOD) culture, a growing trend which enables flexible work arrangements.
• Offer enhanced video services that improve viewer loyalty to your organization.
• Provide a consistent interface for channel delivery and services across a wide range of devices and audiences with different viewing requirements.

High performance content transformation tool that enables audiovisual content to be easily converted into a compatible format for delivery to the user's preferred viewing device.

AvediaStream Transcoder

Enables organizations to effortlessly deliver video content to even more screen types across a wider range of networks.

AvediaStream Origin Server

Capture live digital TV and radio from any terrestrial, satellite or cable source.

AvediaStream TVgateway

Stream live and pre-recorded video and audio over an IP network.

PC with ArtioSign Create

The central hub for managing your IP video system - monitor and control all Exterity devices from one place and provide Video on Demand.

AvediaServer

Simply connect any screen to an existing IP network to receive live or recorded video streams.

Displays

ArtioSign Digital signage

Display digital signage by connecting receivers with built-in ArtioSign Display to an existing IP network.

AvediaPlayer Receiver

Use ArtioSign Create on your PC to design content and deliver directly to networked receivers, or via AvediaServer for management and control.

PC with ArtioSign Create

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PC with ArtioSign Create
**Beyond the LAN Applications**

**A Corporate organization** holds events at their HQ and wants to stream coverage around their HQ and also out to regional offices.

Camera feed into an AvediaStream Encoder and multicast around HQ

AvediaStream Transcoder converts stream to unicast and sends over WAN to regional offices

Additional AvediaStream Transcoders convert streams back to multicast and easily distribute around the regional offices

**A Healthcare organization** wants to give patients the ability to view channels on TVs as well as mobile devices.

AvediaStream TVgateways stream channels

AvediaServer with ArtioPortal Middleware

Main viewing is via AvediaPlayer Receivers and displays

AvediaStream Transcoder converts stream to HLS and AvediaStream Origin Server sends out via wireless network

**A Media organization** wants to stream many TV channels around their HQ to be viewed on thin clients.

AvediaStream TVgateways stream satellite and terrestrial channels onto the network

AvediaStream Transcoder converts streams to required resolution, bitrate and AAC Audio

The stream is delivered onto the network to be viewed on thin clients

**A University** wants to stream graduation ceremonies around campus as well as via the internet to relatives and friends around the world.

AvediaStream Encoder converts camera feed to stream

AvediaStream Transcoder converts streams to HLS

The stream is delivered onto the network to be viewed on thin clients

Staff and students can view display screens and PCs around campus

The CDN converts stream to web file format over WWW to friends and family who can view on mobile devices or PCs