AvediaServer®

Centralised management, storage and control of your IP video and digital signage solution

AvediaServer is Exterity's powerful central server for managing your entire IP video and digital signage system. In one location you can control all devices and applications with the comprehensive Smart Control application; create interactive portals with ArtioGuest IPTV middleware; create, manage and publish digital signage with ArtioSign; create workflows with Workflows, and much more.

Both scheduled recording of live TV for later playback and Video on Demand are handled with ease. In addition, Catchup TV provides users with the convenience of up to seven days playback directly via the Electronic Program Guide (EPG), so important programmes are never missed.

The AvediaServer can also import assets such as training videos and movies, which can be distributed as Video on Demand or as Play channels, depending on viewers' needs.

Centrally control all Exterity products, simplifying IPTV system maintenance

ArtioGuest

Fully customisable, cutting-edge hospitality IPTV middleware that delivers a seamless and interactive TV and video experience for hotel guests on any device

- TV channels from multiple regions
- Hundreds of movies and TV shows on demand
- Guests' own content, cast directly to the TV
- Integration with Property Management Systems
- Send messages directly to guests' in-room TV
- Provide information on guest services

Channels

Set up backup channels to ensure viewers enjoy a reliable and uninterrupted viewing experience in case of stream failure

Chromecast Control

Access reports on how the Chromecast feature is being used and see which channels or VoD assets are the most popular

Users

Create and manage AvediaServer users and configure access permissions, including security Single Sign-On for AvediaServer and Active Directory users

Site Manager

Easily manage all of your devices. Using this application, you can easily:

- List, order and filter the Exterity IPTV devices in your network
- Apply firmware updates, name and location changes to Exterity devices and import/export device configuration
- Download Exterity IPTV device estate details (CSV)

ArtioSign

Create, manage and display eye-catching, dynamic digital signage with ArtioSign. A natural enhancement to an IP video system, Exterity's integrated solution makes it easy for any organisation to create and deliver impactful signage screens

- Keep viewers informed, engaged and entertained
- Increase revenue with targeted promotions
- Create uniquely branded, tailored signage with drag-and-drop simplicity
- Build signage layouts with live TV, video, text, graphics, PDFs, PPTs & RSS feeds
- Publish content to individual or groups of devices

Asset Editor

Edit recordings and other assets to ensure they match viewers' requirements using a graphical point-and-click selection tool for download or trimming

Asset Manager

Easily manage all content on the AvediaServer

High Availability

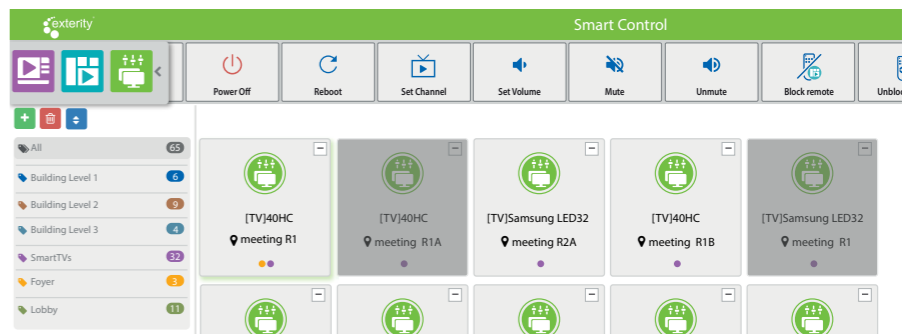Provide an uninterrupted experience by setting up a secondary server which will automatically take over if the primary server becomes unavailable
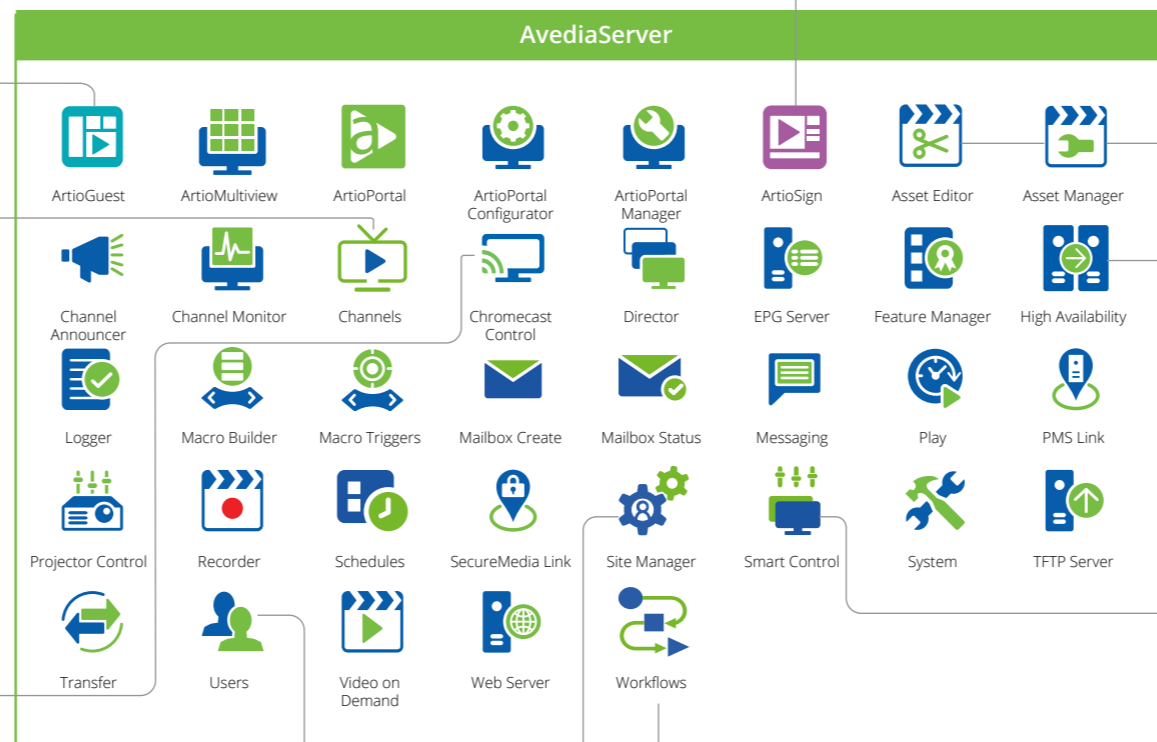
Smart Control

Manage your devices and apps in one place. Smart Control provides central control of devices in your IPTV system, including power on/off, reboot, set channel, and volume control

Smart Control also lets you manage what is displayed on individual or groups of ArtioSign or ArtioGuest devices with drag-and-drop ease
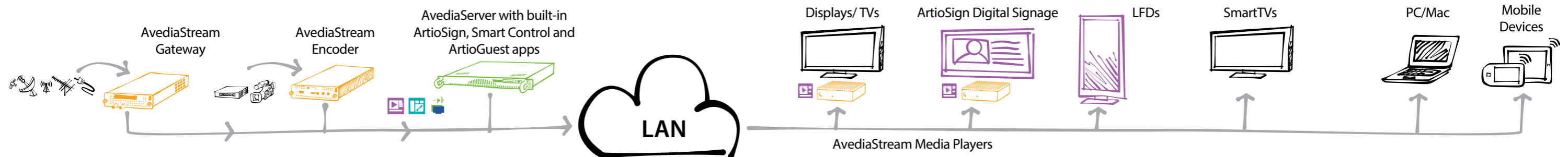
Workflows

Create workflows with ease, dragging actions such as power on, set volume and channel, as well as ArtioSign campaigns and playlists or ArtioGuest portals, to create sequences that can be published at the push of a button, or triggered when specific events occur. Priorities can be assigned to these triggers

AvediaServer

ArtioGuest	ArtioMultiview	ArtioPortal	ArtioPortal Configurator	ArtioPortal Manager	ArtioSign	Asset Editor	Asset Manager
Channel Announcer	Channel Monitor	Channels	Chromecast Control	Director	EPG Server	Feature Manager	High Availability
Logger	Macro Builder	Macro Triggers	Mailbox Create	Mailbox Status	Messaging	Play	PMS Link
Projector Control	Recorder	Schedules	SecureMedia Link	Site Manager	Smart Control	System	TFTP Server
Transfer	Users	Video on Demand	Web Server	Workflows			

Exterity end-to-end IP video solution

AvediaStream Gateway → AvediaStream Encoder → AvediaServer with built-in ArtioSign, Smart Control and ArtioGuest apps → LAN

Displays/ TVs | ArtioSign Digital Signage | LFDs | SmartTVs | PC/Mac | Mobile Devices

AvediaStream Media Players

AvediaServer Software Modules

The following software configurations are available for AvediaServer, depending on an organisation's requirements.

AvediaServer Module	IP video system management	Channel Redundancy	Smart Control	Video on Demand and Playback	ArtioSign	ArtioSign video import conversion	ArtioPortal	ArtioGuest
AvediaServer m8105	✓		✓		✓			
AvediaServer m8115	✓	✓	✓		✓	✓		
AvediaServer m7205	✓	✓	✓		✓	✓	✓	
AvediaServer m7305	✓	✓	✓	✓	✓	✓	✓	
AvediaServer m8365	✓	✓	✓	✓	✓	✓		✓

AvediaServer Platforms

AvediaServer Hardware Platform c1520
The c1520 hardware platform contains a fixed media disk configuration in a compact 1U rack mounted package, ideal for medium enterprise IPTV environments with hundreds of end-points.

AvediaServer Hardware Platform c1565
The c1565 provides an enterprise class hardware platform for larger installations, with RAID-based media disk storage and dual redundant power supplies, ideal for large IPTV environments with thousands of end-points.

AvediaServer Hardware Platform c1585
The c1585 provides an enterprise class hardware platform for very large installations, with increased RAID media disk storage and dual redundant power supplies, ideal for very large IPTV environments with up to ten thousand end-points.

AvediaServer Virtual Platform v1600
A flexible version of AvediaServer, the v1600 is designed for integration into virtual machine environments.

Compatibility

	Core Software Modules					Bandwidth Options							Hard Disk RAID Options					
													RAID 10					
	m8105	m8115	m7205	m7305	m8365	110 Mbs	220 Mbps	550 Mbps	1000 Mbps	2000 Mbps	3000 Mbps	6000 Mbps	4TB	8TB	16TB	24TB	32TB	48TB
c1520	✓	✓	✓	✓	✓	✓	✓											
c1565	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
c1585	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
v1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						

AvediaCare

Ensure your Exterity solution is protected, maintained and enhanced over its lifetime with our comprehensive AvediaCare support warranty. AvediaCare provides access to software and firmware updates as well as bug fixes and additional user interface options. Please contact your Exterity reseller for more information.