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

The Exterity AvediaServer® is the central platform for managing your IP video and digital signage system. In one location you can: control all Exterity devices; set flexible record and play options; create viewing interfaces with ArtioPortal® middleware; create and manage digital signage with ArtioSign®, and much more.

Scheduled recording of live TV for later playback as well as providing Video on Demand are handled with ease. In addition, Catchup TV provides users with the convenience of up to 7 days playback directly via the Electronic Program Guide (EPG), so important programs 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

ArtioPortal
ArtioPortal is a powerful middleware platform that enables you to provide an unparalleled viewing experience in HD quality. System administrators can easily customize and deliver a dynamic, high performance viewing interface for TV, Video on Demand, radio and interactive services, on TVs, SmartTVs, computer screens and mobile devices - all without needing a single line of code.

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 AvediaServer.

Recorder
Centrally record any channels on the IP network for delivery as a play channel or as Video on Demand content.

Play
Create channels using uploaded or recorded content. Supports 4K and H.265 (HEVC).

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

ArtioSign Control
ArtioSign Control app lets you review and manage individual and groups of signage playlists.

ArtioSign Create
ArtioSign Create is a graphical screen editor that enables the creation of uniquely branded, tailored signage, with drag-and-drop ease.

ArtioSign Schedule
Schedule your signage playlists to be displayed at different times to target your campaigns to the right audience at the right time.

Projector Control
The Projector Control app enables communication with a single projector or a group of projectors, via a serial connection from Exterity r9300 Receivers on your IP network.

Viewers can search and access live TV and radio channels via an Electronic Program Guide (EPG) and also save recorded programs for up to 7 days and play back via Catchup TV.

Exterity end-to-end IP video solution

AvediaStream TVgateway
AvediaStream Encoder
AvediaServer with built-in ArtioSign Create, Control and Schedule apps
AvediaPlayer Receivers with built-in ArtioSign Display
Displays/ TVs
ArtioSign Digital Signage
SmartTVs
PC/Mac
Mobile Devices

LAN
AvediaServer Software Modules

There are three choices of AvediaServer depending on an organization's requirements

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<th>Functions</th>
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AvediaServer Platforms

AvediaServer Hardware Platform c1555
The c1555 provides an enterprise class hardware platform for larger installations, with RAID based media disk storage and dual redundant power supplies.

AvediaServer Hardware Platform c1510 & c1510-50
The c1510 hardware platform contains a fixed media disk configuration in a compact 1U rack mounted package, ideal for small to medium enterprise IPTV environments. The c1510-50 is suitable for mid-size installations and supports up to 50 ArtioSign or 50 ArtioPortal endpoints.

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

The table below provides more information about each platform.

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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.