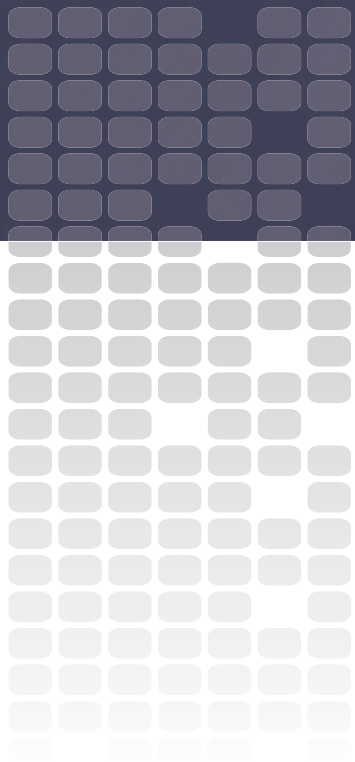


ADC[™]

Playout Automation System



ADC™ Playout Automation System

The changing media environment offers growth possibilities that were never dreamed of in an exclusively analog world. A large part of this changing environment is the introduction of digital techniques that simplify broadcast operations and management, yet drive exponential growth in transactions that involve the handling of content delivery. You seek the ability to take advantage of this new reality — and control your costs and operations in the process.

The Harris® ADC™ playout automation solution will take you where you want to go. This next-generation automation system features technology to streamline operations and maximize the productivity of your people and equipment. Further, it creates efficiencies in the acquisition, management and playout of rich media content with real-time access throughout your facility.

ADC brings together everything needed to automate labor-intensive tasks, eliminate duplication, process live streams sourced outside of master control and efficiently manage the multitude of complex operations that are part of the master control environment. Its media ingest capabilities include automated and manual processes that satisfy your requirements — whether your content acquisition and preparation processes are file-based or include more traditional methods of ingest.

ADC playout automation is a cost-effective, easy-to-install solution. It is built for a range of station sizes — from smaller operations, up to multichannel systems with segmented channel groups. As the world's most deployed playout automation product, ADC is a proven provider of reliable, highly configurable functionality — even in the most demanding broadcast environments.

Key Features of ADC

Integration with ADC Automatic Ingest

Works with the ADC Automatic Ingest™ application to automate and fortify the intake of digital content — including media and associated metadata — from multiple sources.

Enhanced Network Control

Provides system expansion and availability through the use of true IPv6 support and IP control of the Harris® NEXIO™ server, as well as other devices that incorporate the TCP/IP connectivity standard.

Support for Microsoft® Windows Vista™ Operating System

Incorporates the Windows Vista™ operating system into its client platforms, translating into an ability to use the most current PC operating system platform for automation purposes.

Embedded BXF

Uses the Broadcast eXchange Format (BXF) to seamlessly merge automation with sales, traffic, scheduling, asset management and other applications. This interoperable link enables rapid, effective implementation of cross application integration.

Device Interoperability

Integrates with the most extensive list of device drivers in the industry, creating further operation flexibility.

Reliability

Offers inherent redundancy through its client-server architecture. Redundancy and automatic failover options for the ADC Device Controller and Database File Server provide for enhanced system protection.

Performance

Includes features and functions that ensure a satisfying viewing and/or listening experience for audiences.

Cost Effective and Easy to Use

Provides an automation solution that is quickly installed, easily configured and easy to use. The system can act as a turnkey solution for an individual station, or a robust addition to a multichannel environment.

Operational and Configuration Flexibility

Delivers support for standard network protocols such as TCP/IP, providing the ability to manage playlists, scheduling and other operations while maintaining visibility of your playout operation from remote locations. It also ensures network interoperability as you expand operations across alternative delivery platforms.

Markets and Applications

ADC playout automation is a proven solution for the following broadcast markets:

PBS Member

ADC playout automation successfully supports workflows at PBS member stations, including satellite control, traffic playlist, dynamic traffic database interfacing and useful reporting.

Commercial Call-Letter Station

ADC playout automation integrates successfully into a commercial environment. Supporting complex station branding, while maintaining multiple HD and SD channels. Unique redundancy products protect against critical failures that may jeopardize system operations. Stations can employ multiple redundancy strategies to meet their operational requirements.

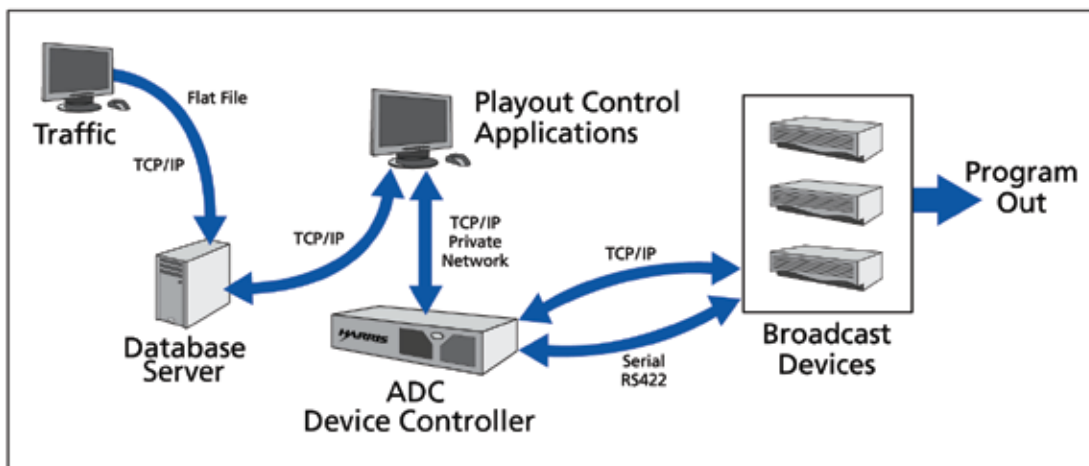
Broadcast/Cable Networks

ADC playout automation supports the unique workflows associated with network content. Regional content can be linked from one channel to many, so a single edit can be replicated across multiple regions. Also, East Coast feeds can be automatically recorded, timed and play to air on the West Coast without any operator intervention.

Centralcasting

ADC playout automation supports centralized ingest, where media and metadata can be dispersed to remote locations via wide area networks (WAN). Plus, remote transmissions from one or more locations can be centrally controlled.

Product Architecture



ADC playout automation provides an expandable, modular architecture that is well-suited for most native workflows. The system can support local centralized operations, as well as distributed operations and remote control.

ADC Playout Automation Is Built on the Following Components:

Device Controller

The hardware centerpiece of ADC, the Device Controller hosts the device server application. It is designed to accommodate and manage multiple playlists, on multiple networked and serial devices. Individual device controllers can manage several transmission channels while ingesting multiple channels. The Device Controller complies with all Waste Electrical and Electronic Equipment and Restriction on Hazardous Substances mandates (WEEE/RoHS).

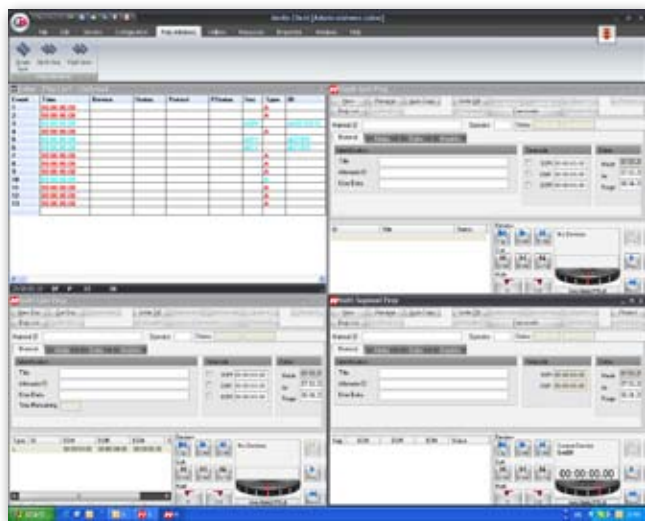
Air Client™

The primary user workstation and dedicated interface for managing the on-air playlist. Air Client™ can monitor and control multiple playout and ingest channels, across multiple device controllers, on a single screen.

Media Client

An ingest or preparation station that allows new material to be acquired by automation. Media Client also manages the automation's database and the media that is stored on various devices, such as video disks and archives.

File Server



A standard Open Data Base Connectivity (ODBC) database that stores the metadata of the automation database. The flexible database structure allows customers to create their own database tables in addition to those provided with the application.

Configuration Tool

A password-protected Windows® application that allows a user to easily make changes to the automation settings from any workstation attached to the automation's network.

Administration Tool

A security setting for the automation's client application that allows the administrator to control access rights to menus, settings and list editing.

Extending Your Productivity

A wide range of applications extend the capability of ADC. Choose from the following to extend system performance:

Automatic Ingest™

An application used to ingest media, including HD content and its metadata, from media delivery systems such as Avid® Media Composer and Apple® Final Cut Pro® to a media archive or media storage device. Automatic Ingest™ enables a single facility, or an entire broadcast enterprise, to automate front-end media ingest and transfer processes, including HD content.

Remote Air Client

A workstation connected across an IP network, Remote Air Client provides the normal functionality of a standard Air Client application, allowing an operator to monitor, load, edit and run the automation's on-air schedules from a remote location.

Global Storage Manager (GSM)

A productivity tool that provides consolidated storage management across multiple devices and enables the implementation of global policy settings on all network-attached video servers. Built-in, multi-server login technology enables Global Storage Manager to simultaneously log into multiple Device Controllers to view and manage content inventory as a single, virtual library—improving facility-wide workflow efficiency.

ONE Company for Workflow Solutions Throughout the Media Chain

Harris is the ONE company delivering interoperable workflow solutions across the entire media delivery chain — providing today's broadcaster with a single, integrated approach to capitalize on the benefits of IT and mobile applications. By providing unparalleled interoperability across our product portfolio, Harris is able to offer customers integrated solutions that improve workflows, save money, enable new revenue streams and provide a migration path to emerging media business models. To meet the evolving needs of broadcast, distribution, government agencies and entertainment businesses, Harris is the ONE answer for change.

Service And Support

At Harris, we are committed to customer service excellence. It is our goal to provide the highest level of support by applying a simple rule: We take ownership of helping our customers succeed. Our support teams consist of innovative technical experts who support all situations regarding product performance, integration and operational processing. We are adept at providing proven solutions, making workflows better and ensuring reliability of the product and system. At Harris, our experienced and dedicated teams stand ready to help you meet your goals for premium product performance, 100% up-time and reduced maintenance investment.

Warranty

Because we want to assure you that Harris stands beside its products and system solutions, our products carry a standard set of warranty services, which are competitive with — and in some cases outperform — others in the industry.

Service Packages

We offer value-add services that allow you to customize the level of services you need in meeting mission-critical performance levels. Our service package options offer many ways to upgrade your standard warranty by choosing the All-Inclusive OnePak, or by selecting individual services from our extensive portfolio. Our service and support advisors can assist in the selection of the individual services that best suit your requirements.

North America	+1 800 231 9673
Caribbean and Latin America	+1 786 437 1960
Europe, Middle East and Africa	+44 (0) 118 964 8200
Asia, Pacific Rim	+852 2776 0628

For more information, please visit www.broadcast.harris.com/adc.

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Broadcast Communications Division
9800 South Meridian Boulevard, Suite 300 | Englewood, CO USA 80112 | Tel: (303) 476 5000
www.broadcast.harris.com