

The AvediaPlayer Desktop media player allows you to view all your IPTV content in a browser. Installation of the dedicated Windows 10 AvediaPlayer Desktop provides full operation where browser feature restrictions inhibit access.

Delivery

AvediaPlayer Desktop is supplied as part of AvediaServer m7205 and m7305 software modules. Ten Desktop licences are supplied with the AvediaServer software and further licences can be purchased separately. AvediaPlayer Desktop licences are floating and are held on the AvediaServer. This allows an AvediaPlayer Desktop to access ArtioPortal up to the licence limit.

Video Decoding

- MPEG-H Part 2 H.265 HEVC (ISO/IEC 23008-2)
- MPEG-4 part 2 (ISO/IEC 14496-2)
- MPEG-2 (ISO/IEC 13818-2)
- Resolutions: up to 2160p (see table)
- ARRIS SECUREMEDIA® protected stream playback (see Content Protection section)*

Audio Decoding

- MPEG-1 Layer II (ISO/IEC 11172-3)
- AAC/HE-AAC
- LATM encapsulation
- Down mix multi-channel audio to stereo

Streaming

- MPEG-2 Transport Stream (ISO/IEC 13818-1)
- UDP, IP multicast, HLS, RTP
- IGMPv2/v3
- Video on Demand: HLS
- NewTek® NDI® (AvediaPlayer Desktop only)

Overlay Decoding

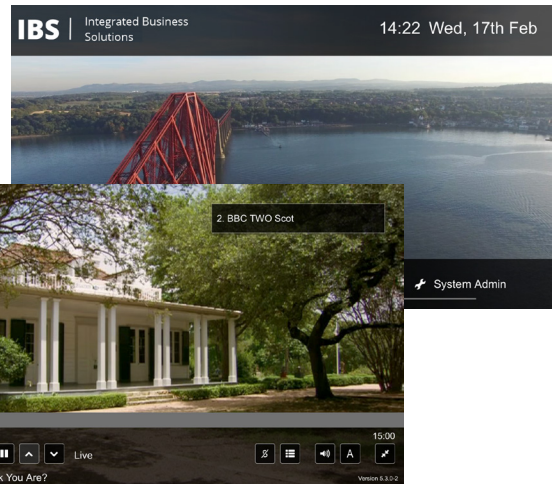
- DVB Subtitles (ETSI EN 300 743)
- Closed Captions (CEA-608 captions embedded in CEA-708 data)

Content Protection

- ARRIS SECUREMEDIA DRM protected broadcast content playback
- Compatible with SECUREMEDIA stream encryption, client authentication, authorisation and key management
- SECUREMEDIA System required

Protocols

IP (RFC 791), UDP (RFC 768), TCP (RFC 793), IGMP (RFC 3376), HTTP (RFC 616), HLS (RFC 8216), RTP (RFC 3550), SNMP (v1, v2c -RFC 1901), LDAP (RFC 4511)



User Interface

- Fully customisable through ArtioPortal
- Record from program guide
- Record control, set repeating recordings
- Program information display
- Full screen mode
- Live updated program progress bar
- Pause and skip to specific points in VoD content
- Audio and subtitle language selection
- Group and individual level access control provided by ArtioPortal or organisational directory services using Active Directory
- Display subtitles or closed captions
- Option to view live or from program start in Catchup

AvediaPlayer Desktop requirements

- Operating system: Windows 10 (thin clients not currently supported)
- DirectX 11 hardware acceleration

Windows Minimum Requirements

- PC with an Intel Core 2 Duo processor
- Memory: 2GB of RAM
- Disk Capacity: 2GB of hard disk space for caching
- HTTP/HTTPS web interface for AvediaServer administration

In the Box

- Floating single user licence. Information pack with USB licence key

Feature	AvediaPlayer Desktop
Maximum video resolution	4K UHD 2160p
HEVC (H.265) decode*	Y (HW only)
H.264 decode*	Y (HW only)
MPEG-2 decode*	Y (HW only)
Play live multicast	Y
Play live HLS	Y
Play live SECUREMEDIA protected streams	Y
Play radio	Y
Play VoD	Y
Pause Live TV	N
View EPG	Y
Select and play channel from EPG	Y
Trigger record from EPG	Y
Record control, set repeat recordings	Y
Program information display	Y
Program progress bar	Y
Pause and skip forward/back in VoD	Y
Select audio language	N
DVB Subtitles	Y
Closed Captions	Y
Teletext subtitles	N

* Decode in HW is more efficient, but requires native GPU support

Compatibility

	Windows
AvediaPlayer Desktop	Yes ¹
Chrome	No
Internet Explorer	Yes
Firefox	No
Safari	n/a

1 AvediaPlayer Desktop only supported on Windows 10