ArtioPortal®

artio-dk

exterity ®

ArtioPortal® Desktop

ArtioPortal Desktop is a multi-platform media player allowing you to view all your IPTV content in your favorite browser

Delivery

ArtioPortal Desktop is supplied as part of AvediaServer IPTV Producer m7200 and Creator m7300 software. Ten Desktop licenses are supplied with the AvediaServer software and further licenses can be purchased separately. ArtioPortal Desktop licenses are floating and are held on the AvediaServer. This allows any compatible PC, Mac or Chromebook to access ArtioPortal Desktop up to the license limit.

Video Decoding

- MPEG-4 part 10 H.264 (ISO/IEC 14496-10)
- MPEG-4 part 2 (ISO/IEC 14496-2)
- MPEG-2 (ISO/IEC 13818-2)
- Resolutions - all up to1080p
- ARRIS SECUREMEDIA® protected stream playback (see Content Protection section)

Audio Decoding

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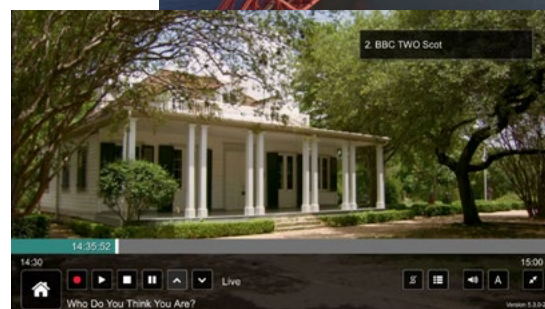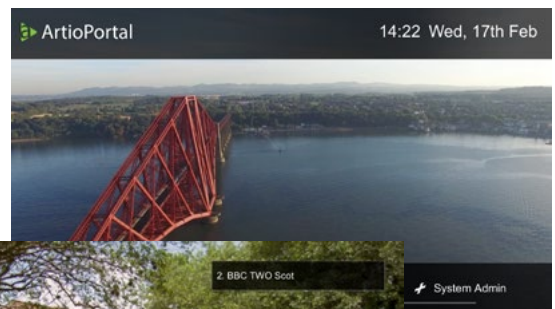- Down mix multi-channel audio to stereo

Streaming

- MPEG-2 Transport Stream (ISO/IEC 13818-1)
- UDP, IP multicast, HLS, RTP
- IGMPv2/v3
- Video on Demand: RTSP and HLS

Overlay Decoding

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

Content Protection

- ARRIS SECUREMEDIA DRM protected broadcast content playback (not Chrome)
- Compatible with SECUREMEDIA stream encryption, client authentication, authorization and key management
- AvediaServer V7.8 or greater required
- SECUREMEDIA System required

User Interface

- Fully customizable through ArtioPortal
- Record from program guide
- Record control, set repeating recordings
- Program information display
- 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 organizational directory services using Active Directory
- Display subtitles, teletext or closed captions

Management

- Network administration using the ArtioPortal Manager application

Protocols

- IP (RFC 791), UDP (RFC 768), TCP (RFC 793), IGMP (RFC 3376), HTTP (RFC 616), RTP (RFC 3550), SNMP (v1, v2c -RFC 1901), LDAP (RFC 4511), RTSP (RFC 2326)

Platforms

- PC: Windows® 10, 8, 7
- Mac: Lion (Mac OS X® 10.7) and later
- HTTP/HTTPS web interface for AvediaServer administration

ArtioPortal Desktop

Minimum Requirements (Windows)

- PC with an Intel® Core™ 2 Duo processor
- Operating system: Windows 7 or later
- Memory: 2GB of RAM
- Disk Capacity: 2GB of hard disk space for caching
- IE/Firefox
  - DirectX 9 compatible graphics card, PCI-E graphics card recommended
  - Java Runtime 6 update 20 or later
  - Firefox ESR (Extended Service Release) 52.0 release, 32bit version required. Later Firefox releases do not support Java and are incompatible with ArtioPortal Desktop
- Chrome
  - WebGL, hardware acceleration required for optimal performance

Minimum Requirements (Mac OS X)

- Intel-based Mac computers with an Intel® Core™ 2 Duo processor
- Operating system: OS X® 10.7 or later
- Memory: 2GB of RAM
- Disk Capacity: 2GB of hard disk space for caching
- Java Runtime 6 update 20 or later

Minimum Requirements (Chromebook)

- Note: Performance of Chromebooks will vary depending on device hardware, testing on specific Chromebooks is recommended.
- Operating system: Chrome OS 54 or later
- Memory: 1GB of RAM

Feature	Firefox/IE (Java)	Chrome (non-Java, PPAPI based)
PC: Windows® 10, 8, 7	Y	Y
Mac: Lion (Mac OS X® 10.7) and later	Y	Y
Chromebook (release 54 or greater)	N	Y
Access ArtioPortal	Y	Y
Play SD/HD live streams up to 1080p	Y	Y
Hardware decoding for H.264 (if supported on client Hardware)	N	Y
Play live Multicast	Y	Y (not Chromebook)
Play live HLS	N	Y
Play SecureMedia protected streams	Y	N
Play radio	Y	Y
Play VoD	Y(HLS)	Y (HLS)
Pause live TV	Y	N
View EPG	Y	Y
Select and play channel from EPG	Y	Y
Trigger record from EPG	Y	N
Record control, set repeating recordings	Y	N
Program information display	Y	Y
Program progress bar	Y	Y
Pause and skip forward and back VoD	Y	Y
Select audio language	Y	N
DVB Subtitles	Y	Y
Closed captions	Y	Y
Teletext subtitles	Y	N