

XENTAURIX Broadcast Logging System at beIN Sports/Doha

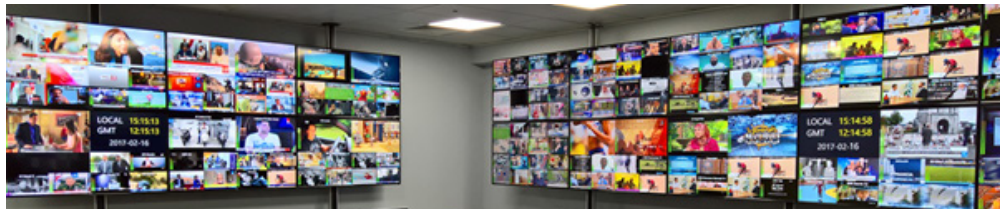


Image section of the Monitoring Centre at beIN-Sports Head-quarter/Doha

beIN-Sports a world leading sports TV channel expands XENTAURIX broadcast logger from 132 to 520 TV channels, making it one of the largest TV logger systems in the Arab region.

beIN-Sports, a branch of beIN Mediagroup company headquartered in Doha, Qatar, operates one of the world's leading sports channel TV networks. In 2016, beIN Sports issued a tender to replace their broadcast logger system used for TV monitoring, recording, content and quality analysis. In the international tender artec technologies AG with the XENTAURIX system successfully prevailed over the international competition winning the tender and replacing the existing Volicon Observer system and all hardware encoders of the in-house IPTV system. XENTAURIX excelled, meeting both the high-level customer-specific system and application requirements, and was delivered within beIN Sports budget constraints. XENTAURIX offered an extensive list of features that are important to beIN Sports and when combined with rock-solid robust reliability, this has led to the continued expansion of XENTAURIX in Doha to 520 channels and to other beIN Sports offices globally.

The system meets several requirements >>

24/7 Recording: All TV channels are recorded in customer-specific bandwidth over a period of 90 days in ring buffer mode

Highest system availability: This is achieved by system redundancy with automatic fail-over switching at the XENTAURIX Masterunits, Subunits and Storage Server.

Integrated signal inputs: XENTAURIX features subunits which combine HD-SDI, HDMI capture devices as well as DVB-S receivers with decrypting modules are integrated in the XENTAURIX subunits. XENTAURIX also ingests TS-IP signals providing a future proof path for IP based broadcasting sources, allowing beIN Sports to maximise their investment in XENTAURIX for many years.

Central configuration and administration: All signal acquisition, processing, streaming, recording functions, up to user administration are configured and administered via an HTML5 browser user interface.

IPTV integration: XENTAURIX directly feeds beIN Sports wide range of set-up boxes as the XENTAURIX system delivers TS-Multicast streams. The existing hardware encoders have been replaced by using XENTAURIX IP/TS multi-cast streams.

Monitoring Center: In the Monitoring Center, the XENTAURIX system via IP displays all TV channels on 26 x 55" monitors with decoders in multiscreen mode. Each individual monitor is assigned a multiscreen layout + desired TV stations. In addition, audio volume levels and subtitles are displayed and signal errors are reported audio-visually.

DIVA system connection: Created video clips are exported or imported via the XENTAURIX system to the Oracle DIVA system. This provides long term storage and archive of all content for future repurposing and editorial.

Clients: With a multitude of workstations, employees primarily monitor beIN-Sports' own TV channels; analyze broadcast content and media data, create and annotate video clips and snapshots with the X-Media-Player and/or the X-HTML5 Mediaplayer. The video fingerprinting function is also used via the PC workstations to search through 1000's of hours of content in minutes.

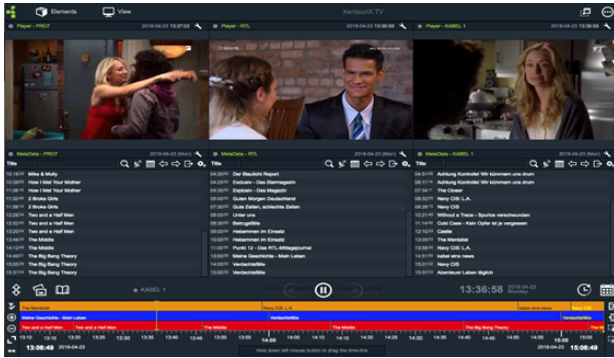
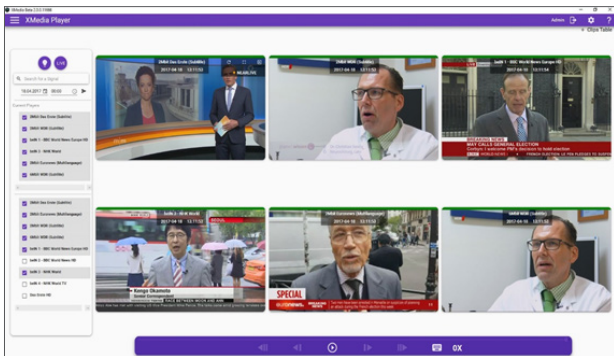


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X-Media Player: XENTAURIX X-Media Player software has been specially developed for beIN, allowing frame synchronised fast forward and rewind for up to 6 video channels simultaneously. X-Media player supports synchronised viewing at up to 32x normal playback. X-Media Player "Instant Replay" function can be used to edit video clips from the live signal, allowing users fast and rapid access to content.



X-MediaPlayer GUI

Integrated Streaming Server: XENTAURIX features an internally developed MPEG-DASH streaming server for distribution of livestreams, VoD, metadata for workstations, tablets and further processing to distribution and CDNs.

Video Fingerprinting: XENTAURIX includes a Video Fingerprinting function that is primarily used for retrospective research and to identify broadcast piracy. XENTAURIX searches for broadcast content across all monitored TV channels, reporting matches in a matter of seconds and minutes. This enables beIN Sports to quickly identify piracy and issue take down requests.

Storage Server: The highly redundant storage server has a capacity of 1.5 PB and can be expanded at any time if required.

The XENTAURIX system from artec technologies AG is one of the most modern media broadcast logger systems worldwide and is characterized by user-friendliness, versatility and expandability, high availability. XENTAURIX broadcast logger systems have been on the market since 2001 and are in use worldwide.

About artec technologies AG >>

The listed artec technologies AG from Diepholz (Germany) develops and produces innovative software and system solutions for the transmission, recording and evaluation of video, audio and metadata in networks and the Internet. Since 2000, customers have been using the MULTIEYE® product platforms for HD video security solutions and XENTAURIX® for media/broadcast recording and streaming applications.

Contact us today to find out more about XENTAURIX >>

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