Redefining Video Delivery

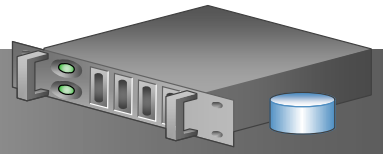
End-to-end Solutions

Appear TV — End-to-end Solutions Provider

Contribution / Distribution / New IP workflows → ***Broadcast Headend*** → ***OTT delivery (Linear / Catch-up / nPVR / VOD)*** →

X10 / X20

XC5x00



Appear Software Platform

Use all product families together to create end to end solutions

Appear TV

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X10 / X20

- *IP contribution*
- *Ultra low latency applications*
- *SD / HD / UHD*

- *SDI to IP (2022-6, 2110)*
- *TICO and JPEG2K encode / decode*
- *AVC & HEVC 422 for contribution*

- *Contribution satellite applications (modulator / demodulator)*

- *IP distribution*
- *High service density applications*
- *SD / HD / UHD*

- *AVC & HEVC encode / transcode**

- *High density Simulcrypt scrambling*

- *High density satellite demodulator**

** future functionality*

End-to-end Solutions Provider

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XC5x00

- *Use XC for:*

- *End to end cable solutions*
- *End to end satellite solutions*
- *End to end DTT solutions*
- *End to end IPTV solutions*

- *Encode / decode*
- *Modulate / demodulate*
- *Scramble / descramble*
- *Multiplex / demultiplex*

- *High quality broadcast encoding / transcoding*
- *Statistical multiplexing*
- *High quality OTT and IPTV encoding / transcoding*

- *Content distribution applications*

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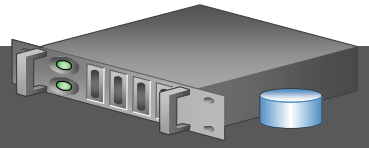

Appear Software Platform

Linear OTT Encoder / Transcoder

- *Highly scalable clustered solution*
- *High quality AVC and HEVC compression*
- *Supports all common resolutions up to UHD*
- *Supports MPEG compressed as well as SDI-over-IP* inputs*
- *Supports both MPEG transport stream outputs and direct generation of HLS segments and playlists*
- *Resource based redundancy management*
- *Deploy on your own COTS hardware or in the cloud**

** future functionality*

Appear TV

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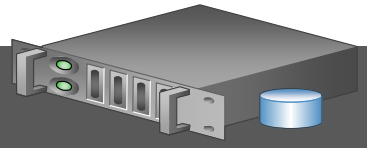

Appear Software Platform

ABR Packager / Origin

- *Highly scalable clustered solution*
- *All modern streaming formats supported*
- *Wide range of DRM options*
- *Supports linear, catch-up, nPVR and VOD*
- *Deploy on your own COTS server hardware*

Offline Transcoder Management System

- *Complimentary product to Appear ABR packager*
- *Central management of encoders*
- *Easy template-based configuration*
- *Deploy on your own COTS hardware or implement in the cloud (AWS)*

** future functionality*