

Cloud Playout for Houses of Worship

Restoring Hope Through Technology



What is Cloud Playout?

Cloud Playout is a cloud-based broadcasting service that automatically streams your content to multiple platforms simultaneously (Facebook, YouTube, websites, and apps) without expensive on-site equipment.

Jamiro Broadcast serves as your implementation partner, handling the complete setup, equipment integration, staff training, and ongoing technical support.



SPIRITUALITY AND WORSHIP IS DECLINING, ESPECIALLY IN THE YOUNG...

Christian Youth Dropout

-64%

Of young adults with a Christian background had dropped out of church at some point during their 20s.

Decline of Christianity

-12%

Decline in Americans identifying as Christians.
+9% increase in Americans who are religiously unaffiliated (to 26%).

Screen vs Spiritual Content

9.5x

More hours per year using screen-driven media than taking in spiritual content.

...BUT TECHNOLOGY CAN ALSO RESTORE HOPE

Online Presence

84%

Churches already have a website and a Facebook page.

59% of practicing Christian millennials search for spiritual content online.

Connecting via Video

54%

Christian millennials watch online videos about faith or spirituality

Connecting via Video

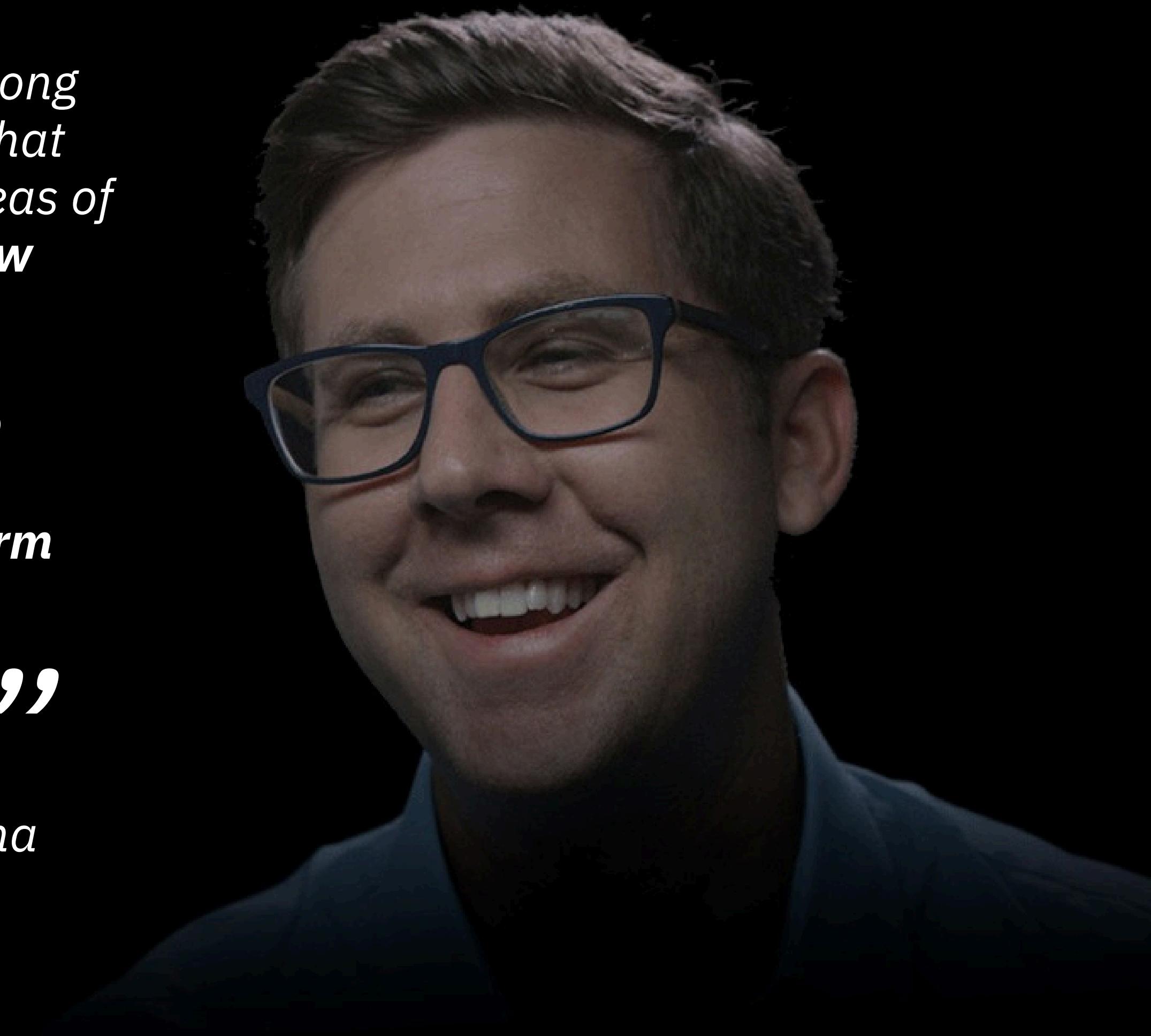
20%

People who said watching live streaming video makes them feel like a part of an event.

“One of the most positive trends among Millennials is that they want faith that is holistically integrated into all areas of life—including their technology. **How the Church acknowledges and engages the digital domain—and teaches faithfulness in real-life to young adults as well—will determine much about its long-term effectiveness among Millennials.**

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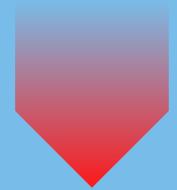
David Kinnaman, president of Barna Group



VIDEO DRIVING TRANSFORMATION IN HOUSES OF WORSHIP



Congregation
becoming
tech savvy



Adopt video,
podcasting, social
media



Spread gospel
beyond existing
locale



Rely on non
physical distribution
channels



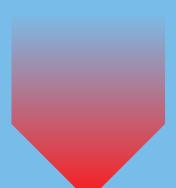
Multilingual and
hearing impaired



Live transcription
and translation of
spoken word



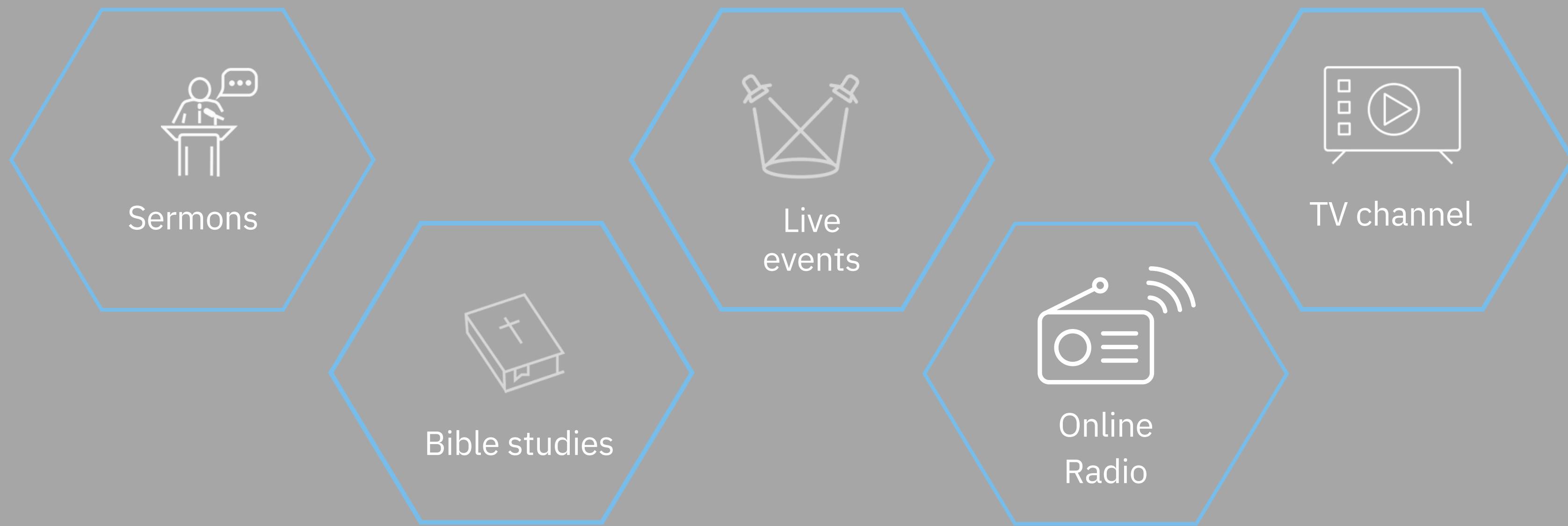
Deployment
costs rapidly
decreasing



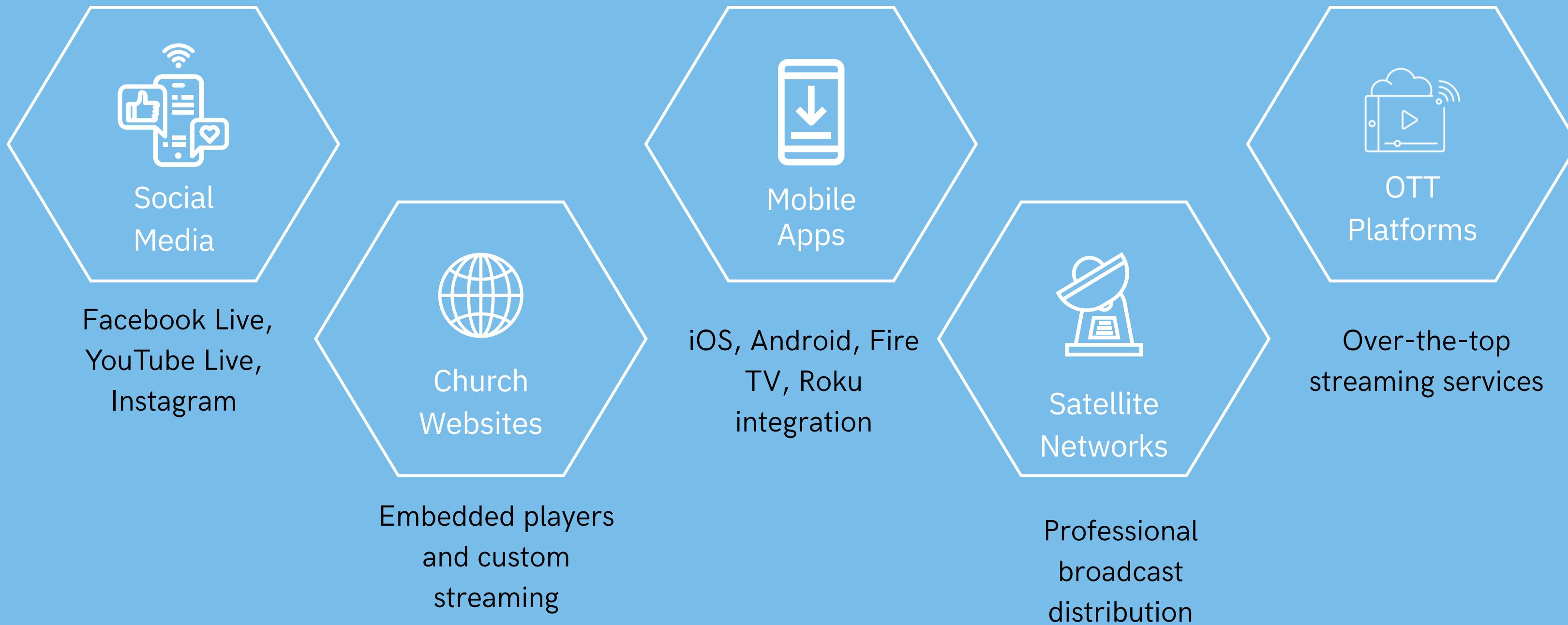
Low cost physical
and virtual capital
expenditures

TYPICAL LIVE CASES

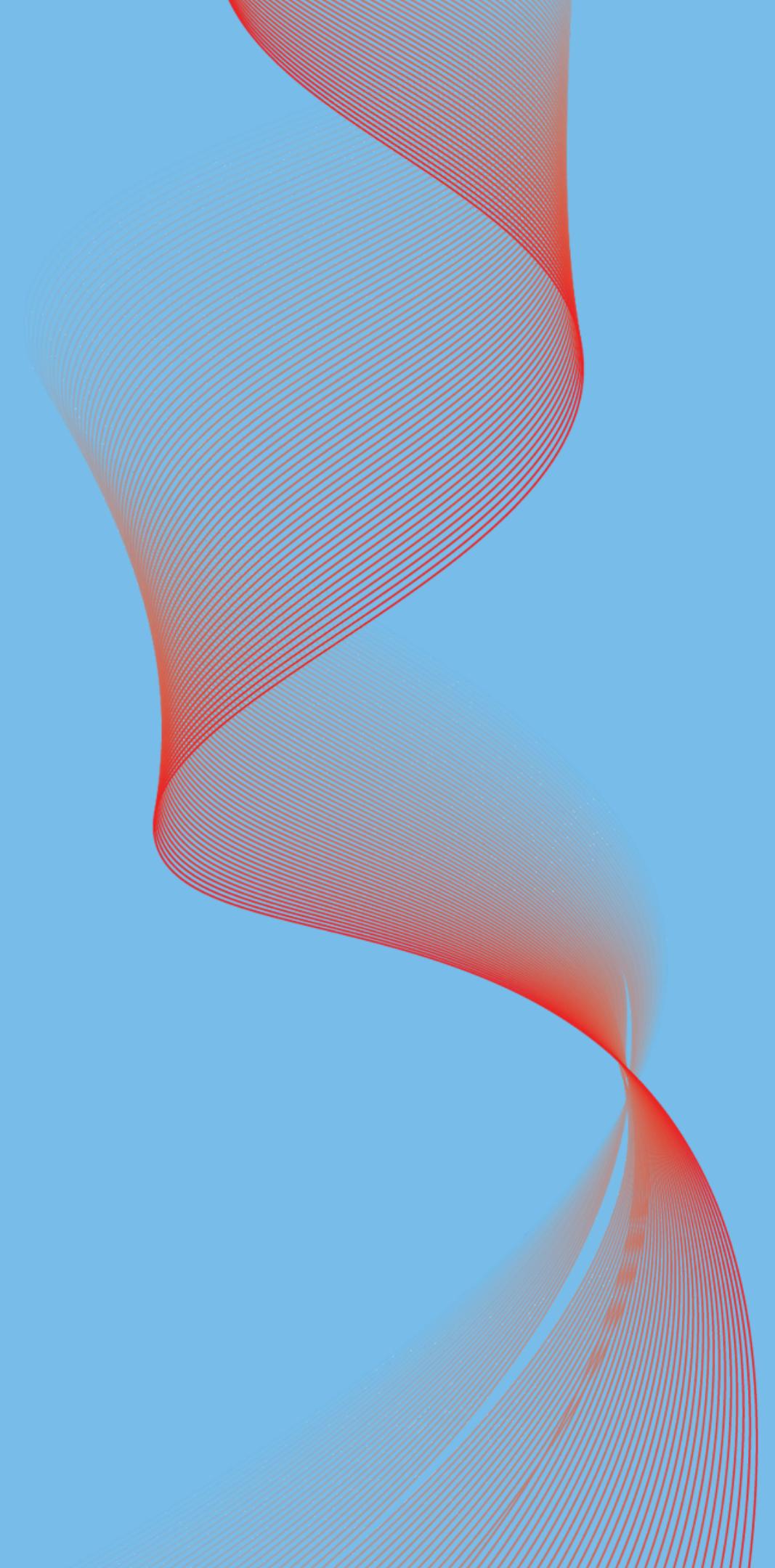
Our hosted playout system enables simultaneous broadcasting to multiple platforms:



Platform Distribution



Live Streaming with Cloud Playout



Live Streaming Use Cases

Events

- Broadcasts of live sermons online and satellite
- churches Communication of bible studies
- Live events (concerts, gatherings)

Channels

- Live broadcast of 24x7 channels
- Aggregation and sharing of content with broadcast partners

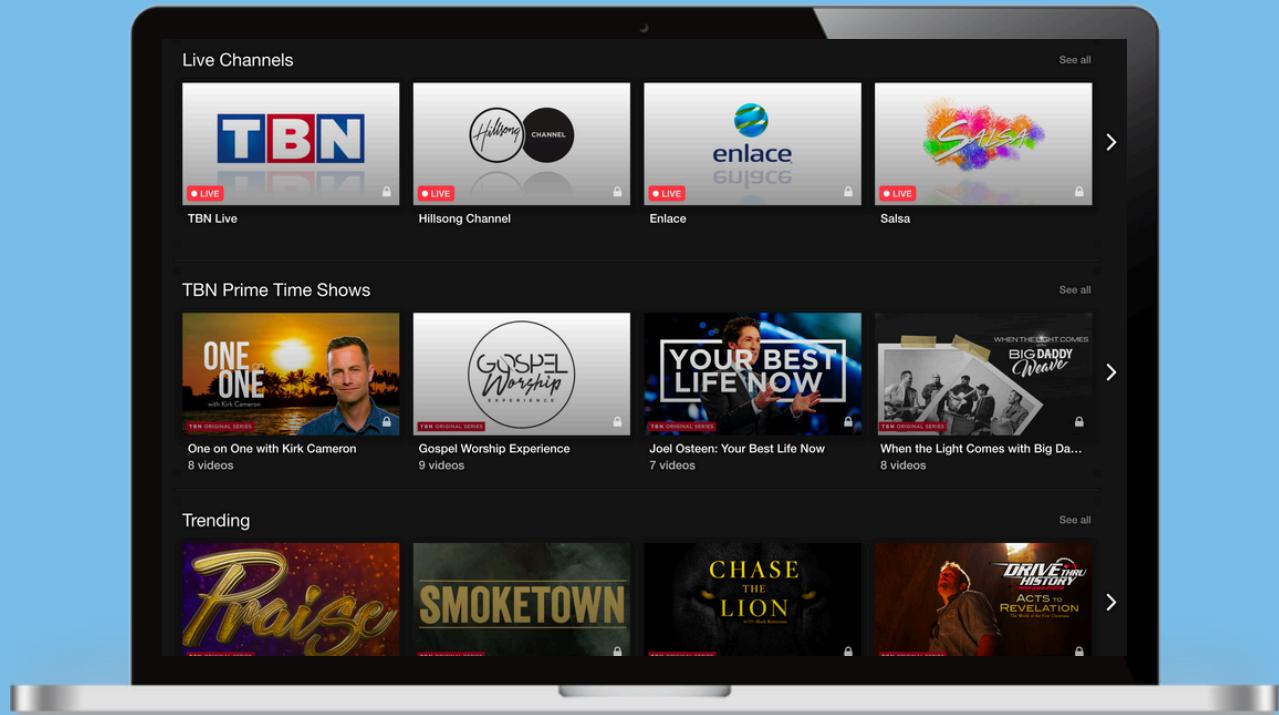


Trinity Broadcasting Network



Multi-streaming Linear Programming for Multi-Platform Delivery

Trinity Broadcasting Network (TBN), the world's largest religious television network, offers a wide range of original programming and faith-based films from various distributors. TBN has 30 broadcast networks world-wide.



PROBLEM STATEMENT

TBN needed to live-stream 11 channels to an over-the-top domestic and international audience across multiple platforms, reliably delivering high broadcast quality with parameter control beyond the typical limited set of basic pre determined configurations.

BUSINESS BENEFITS

- Video Quality -AWS Elemental provides a plethora of options, including video positioning & correction for various international satellite source feeds
- Reliability-highly reliable encoding & relevant encode logs simplify troubleshooting including monitoring alerts
- Flexibility & Support -easily manage AWS Elemental Live encoders from mobile devices and receiving support from an intelligent community & resources

USE OF AWS

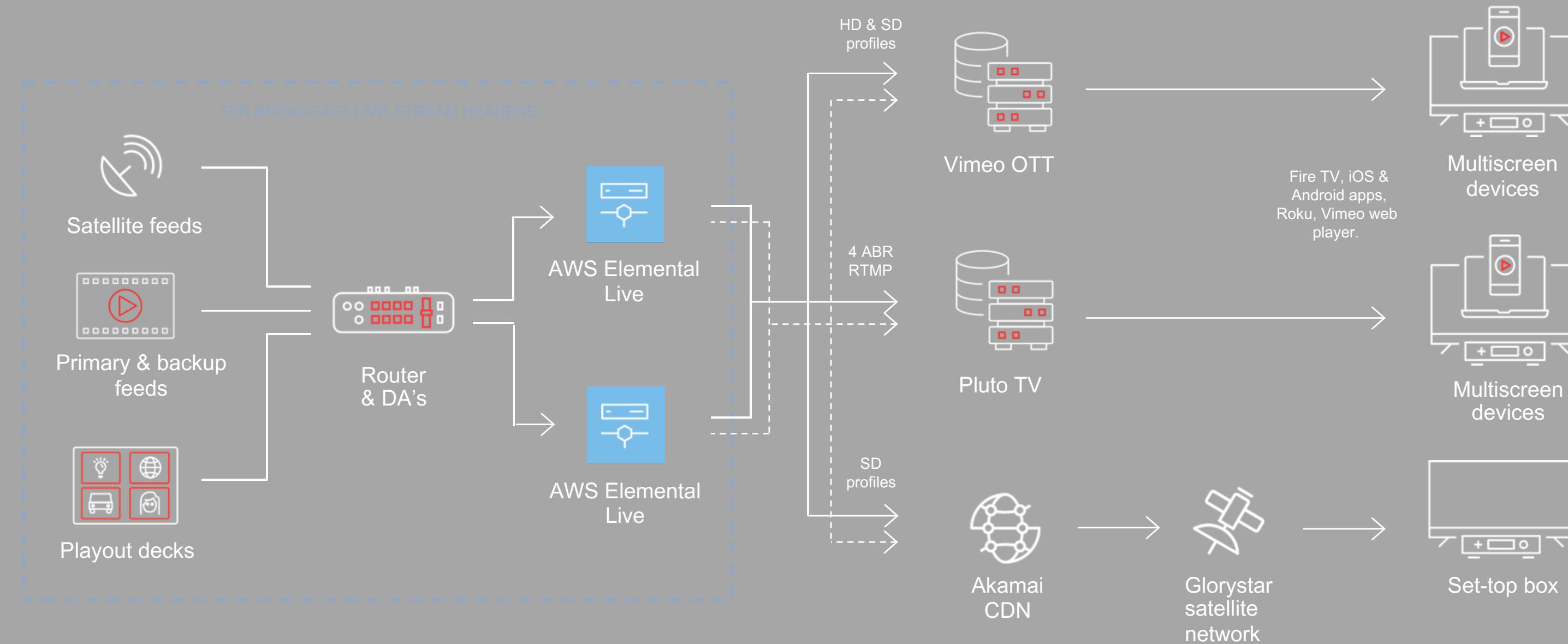
- AWS Elemental Live delivers multi-ABR encodes to TBN and Hillsong Channels along with nine additional station source feeds via satellite & broadcast playout decks, delivered to Vimeo OTT, Pluto TV and Glorystarsatellite network
- AWS Elemental's flexible configurations provide simple ways to condense (multi stream) and re-route I/O

Trinity Broadcasting Network

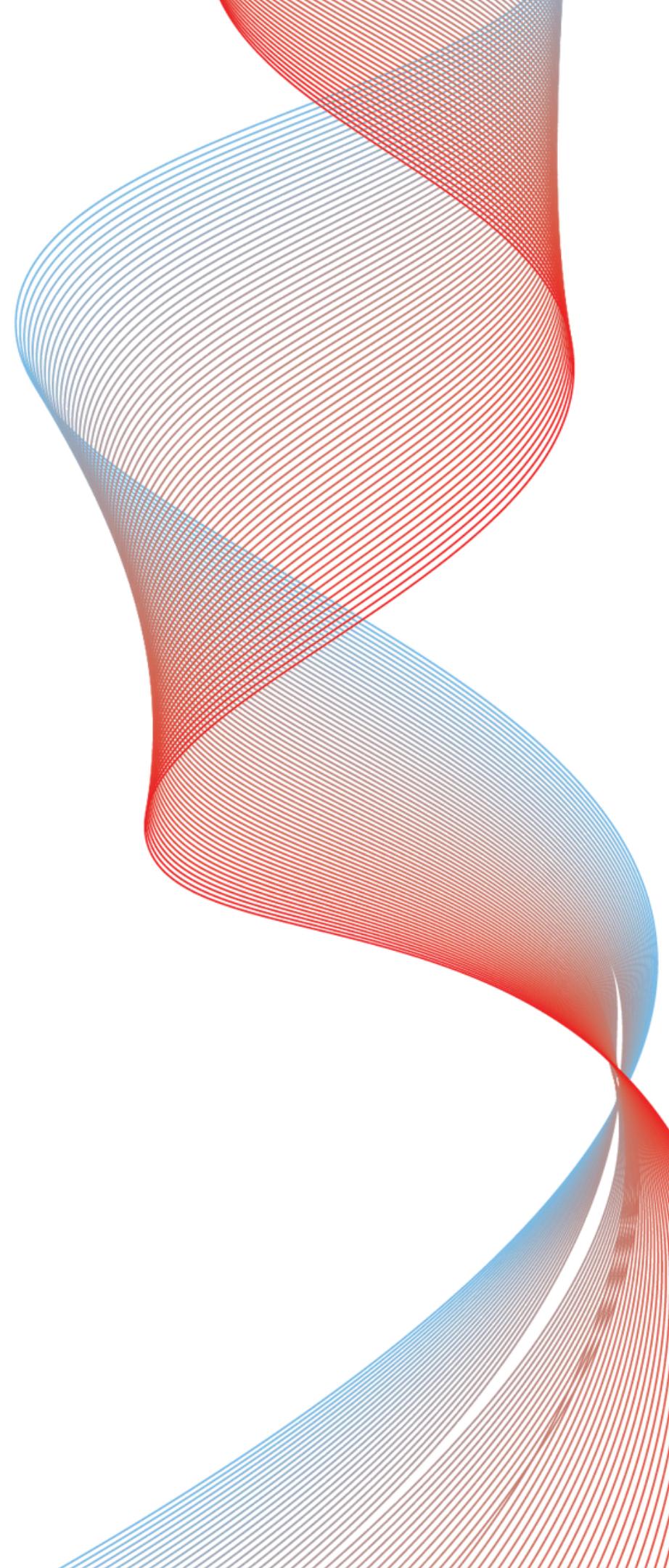
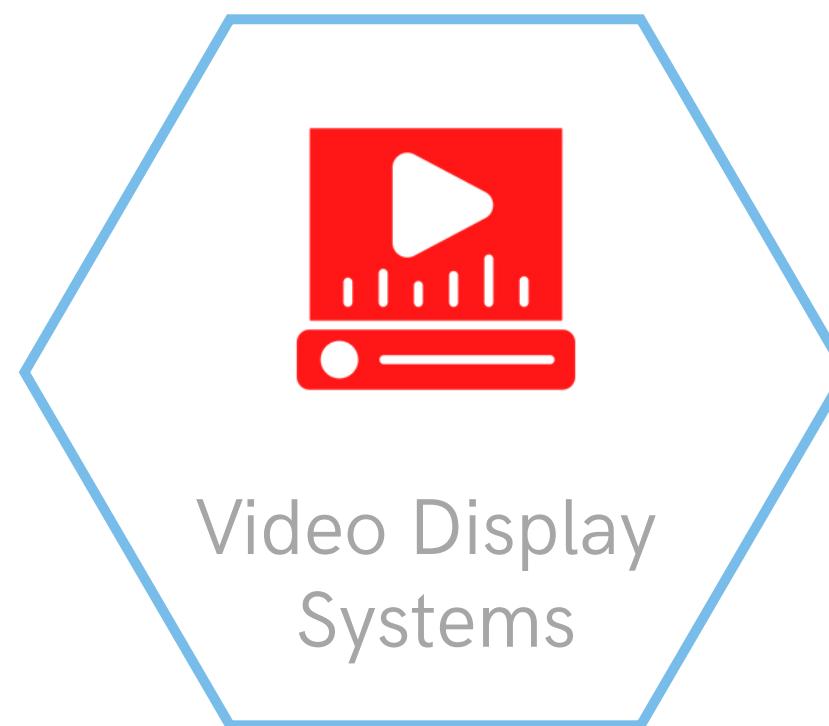


Multi-streaming Linear Programming for Multi-Platform Delivery

AWS Elemental Live encoders deliver ABR transrated pass-through streams to eliminate cloud transcoding, reducing operational cost



More Solutions for Religious Institutions



Video Display Systems



LED video walls
and large
displays

High-
resolution
projectors

Digital signage
and
announcement
systems

Live camera
feed
integration

Worship lyrics
and presentation
displays



Benefits

- **Enhanced Engagement:** Visual elements support worship and teaching
- **Better Communication:** Clear display of announcements and information
- **Professional Presentation:** High-quality visuals for in-person and broadcast audiences
- **Flexible Content:** Easy switching between worship, presentations, and announcements



Acoustic Treatment



Treatment Solutions

Sound absorption
panels and
materials

Acoustic
design
consultation

Reverberation
control

Echo
elimination

Noise reduction
solutions



Professional audio systems



Components Include

High-quality microphone systems (wireless and wired)

Digital mixing consoles

Speaker arrays and sound reinforcement

Audio processing and distribution equipment

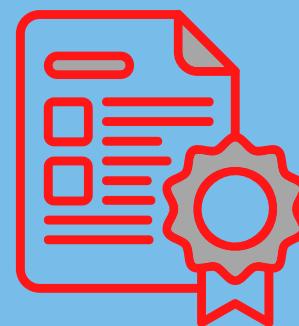
Integration with broadcast systems



Implementation Process



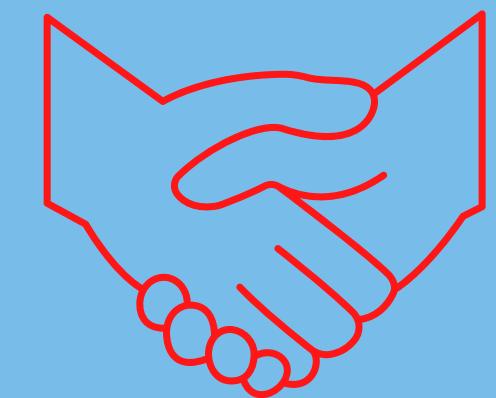
WHY CHOOSE JAMIRO?



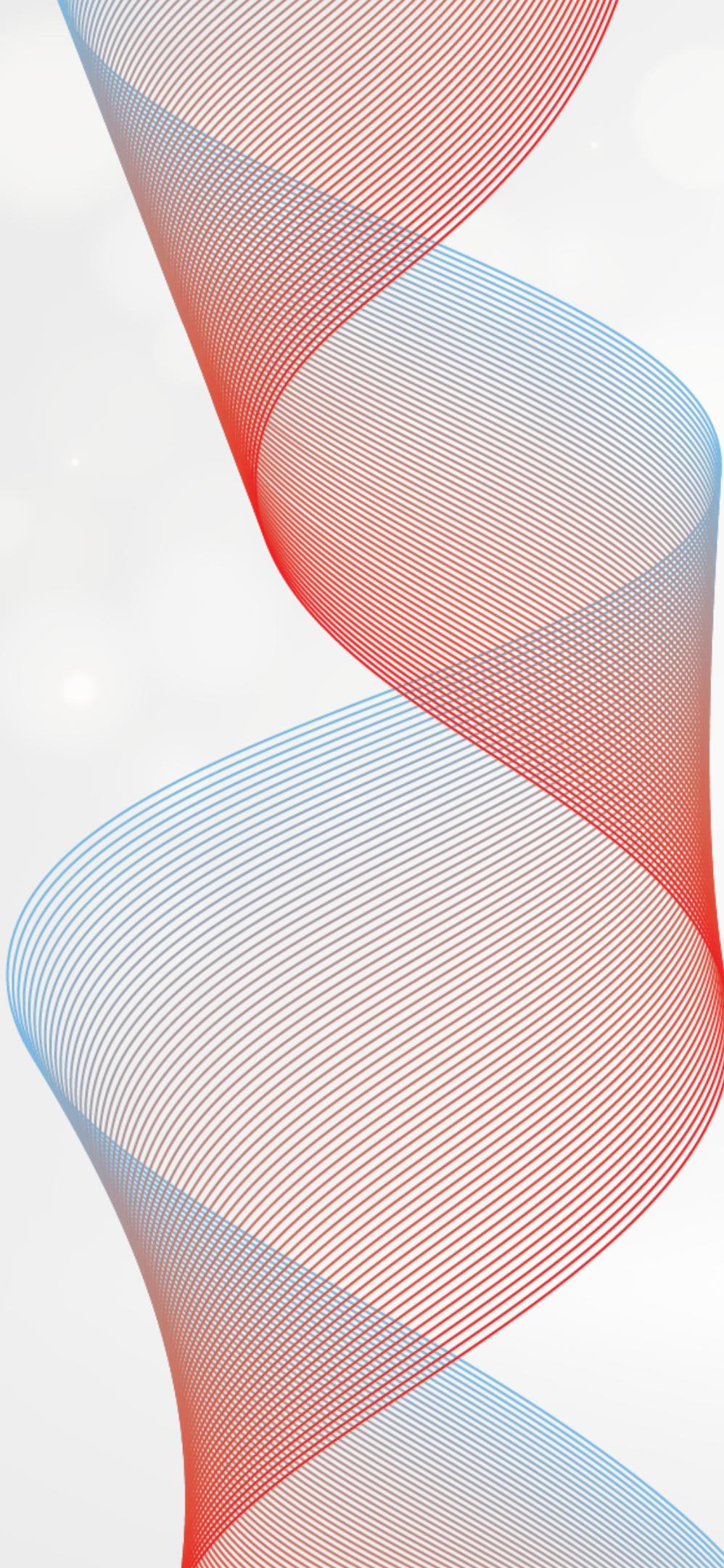
Over 10 years of
experience in
broadcast and AV
technology



Backed by local
support, training, and
service teams



End-to-end partner –
from design to
installation to
maintenance



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