

# Cloud Playout for Houses of Worship

Restoring Hope Through Technology

Jamiro  
BROADCAST



# 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

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**-64%**

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

## Decline of Christianity

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**-12%**

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

## Screen vs Spiritual Content

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**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.***

*”*

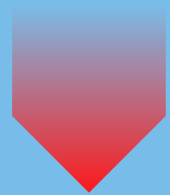
*David Kinnaman, president of Barna Group*



# 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:



Sermons



Live events



TV channel

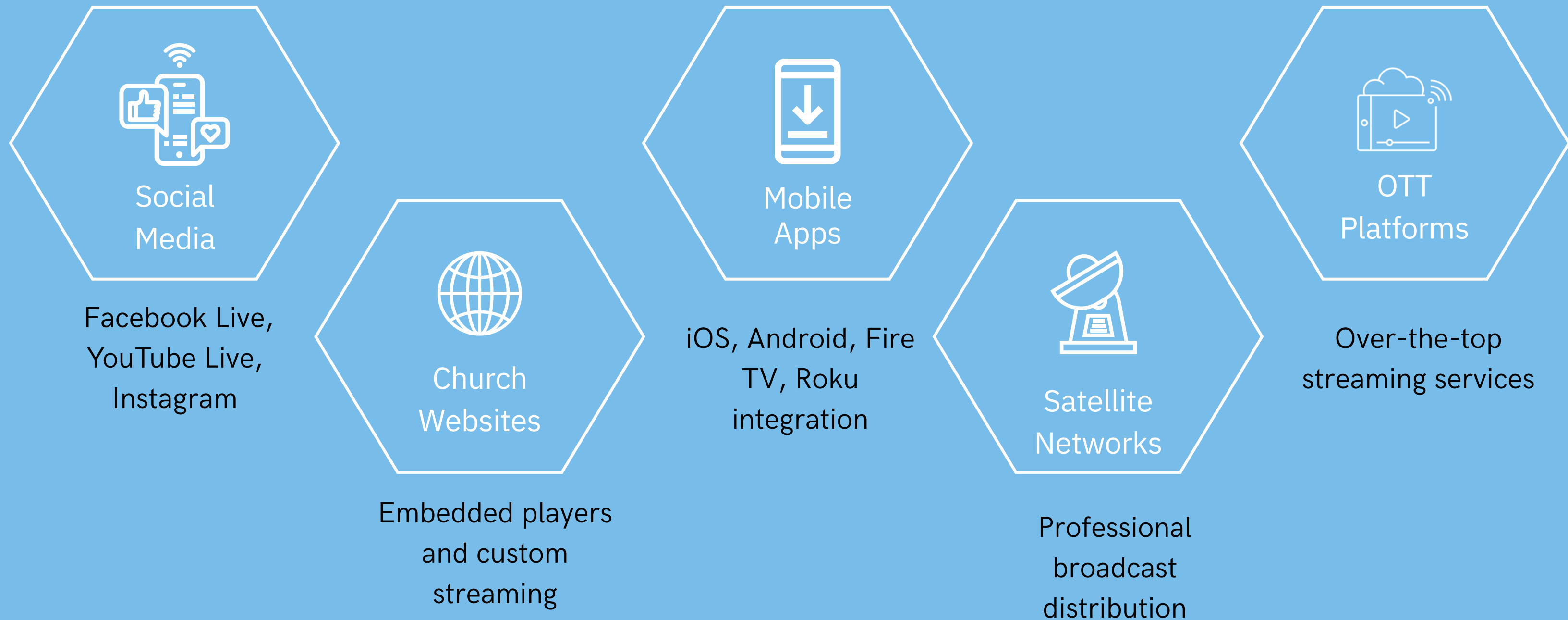


Bible studies

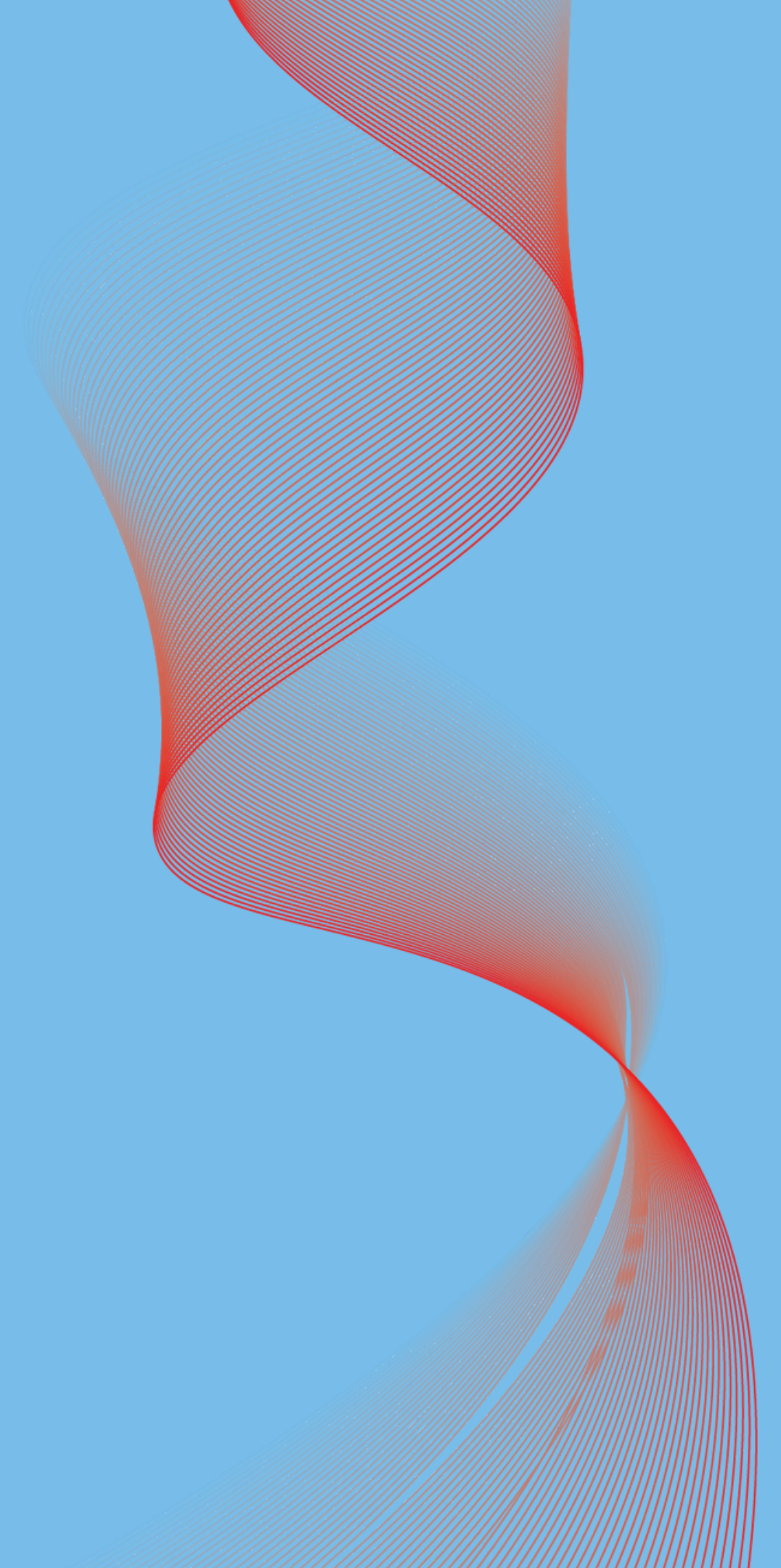


Online  
Radio

# 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

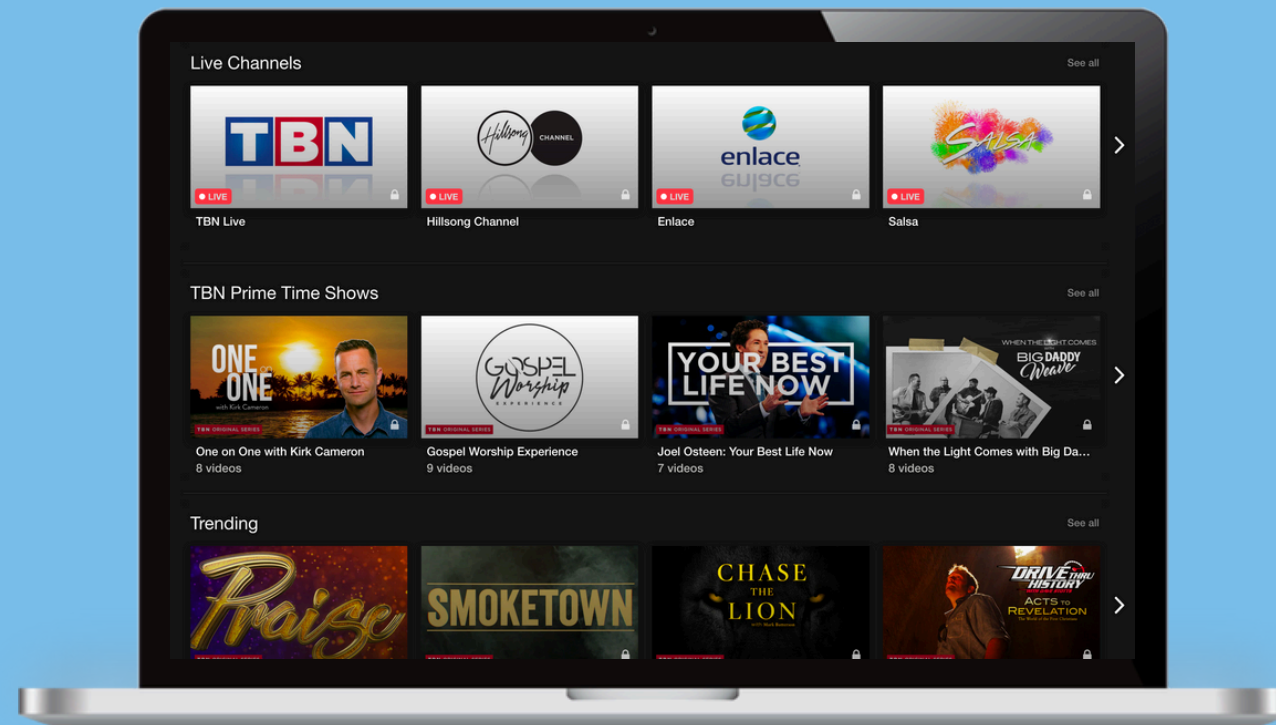


# Trinity Broadcasting Network



## 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

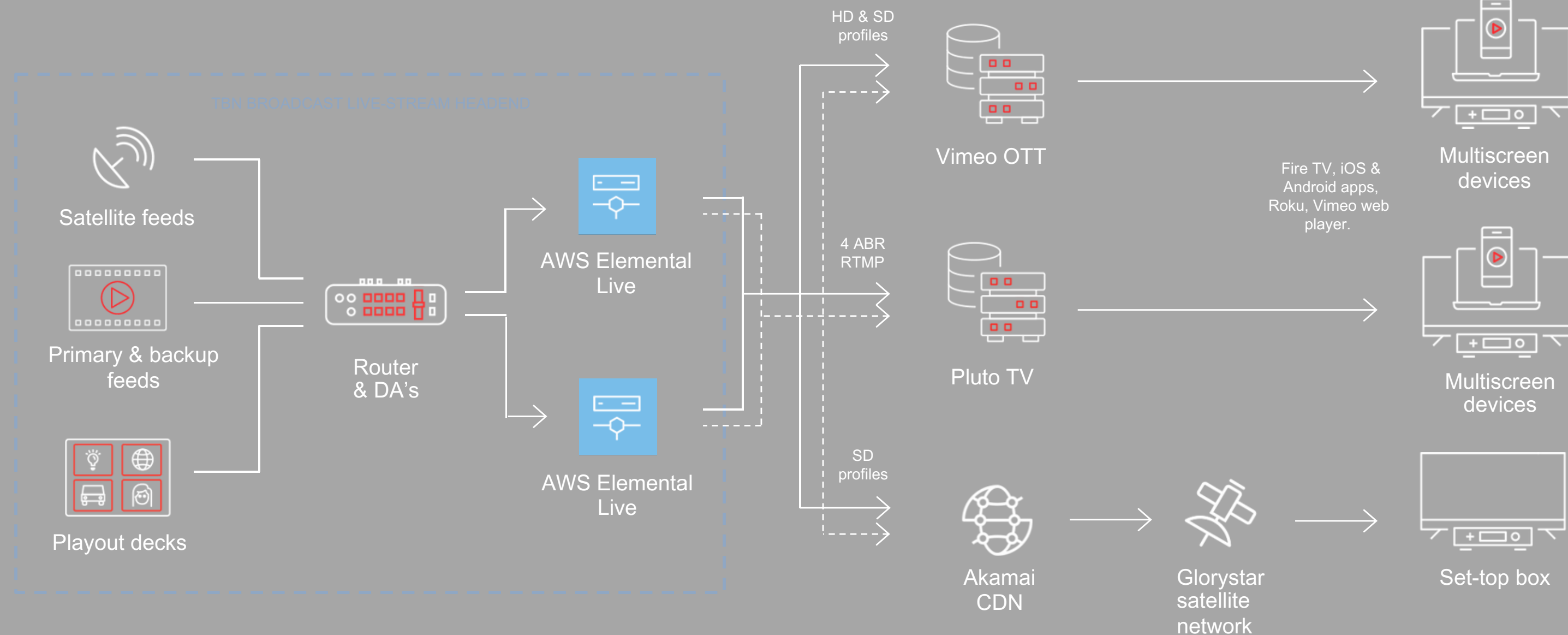
- AWS Elemental Live delivers multi-ABR encodes to TBN and Hillsong Channels along with nine additional station source feeds via satellite & broadcast playout decks, delivered to Vimeo OTT, Pluto TV and Glorystarsatellite network
- AWS Elemental's flexible configurations provide simple ways to condense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

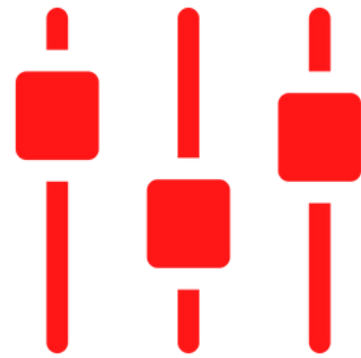




# More Solutions for Religious Institutions



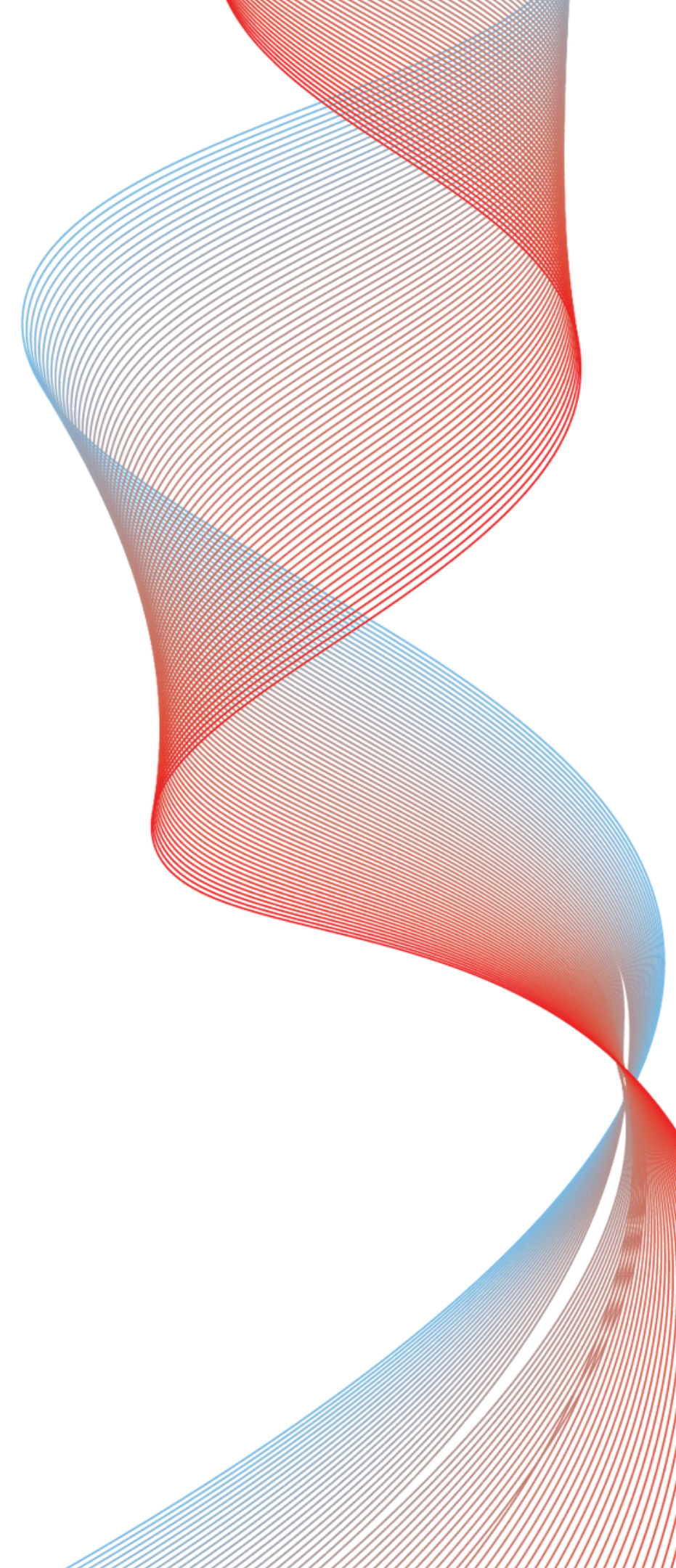
Video Display  
Systems



Professional  
audio systems



Acoustic  
Treatment



# 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

A photograph of a church sanctuary at night. A large screen at the front of the sanctuary displays the text "WELCOME TO CHURCH ONLINE" in a colorful, stylized font. The screen is illuminated with a rainbow gradient. Above the screen, a row of warm white string lights is visible. The sanctuary floor is dark, and some equipment is visible in the foreground.

WELCOME TO  
**CHURCH**  
ONLINE



# 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

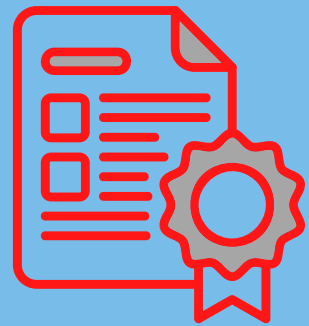




# Implementation Process



# 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





# Contact us

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