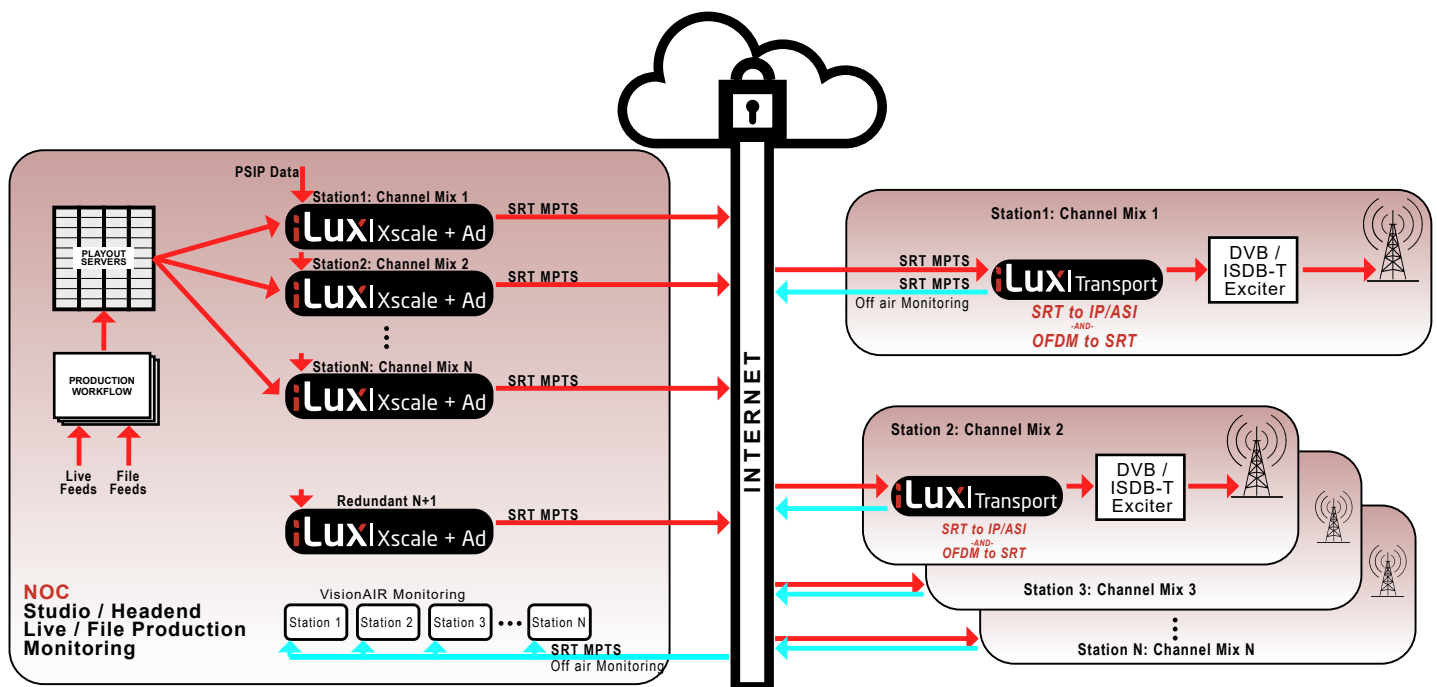# iBeam| Broadcast Platform

igolgi

Create, encode, monetize and monitor DVB/ISDB-T broadcast content from a single facility. Distribute content to multiple transmitters using SRT

iBeam| DVB/ISDB-T Platform with Ad Insertion

The **iBeam|Broadcast Platform** is designed to help broadcast operators maximize the value of their licensed spectrum while minimizing operational costs.

Key benefits include:

- Double channel count with better video quality using H.264 and MPEG-2
- Increase revenue through server-side dynamic ad insertion
- Streamline operations with centralized management and SRT based transport
- Enhance QoS with cost-effective and reliable centralized monitoring

For playout, server-side ad insertion, encoding, distribution and monitoring in broadcast networks, the **iBeam|Platform** is the most complete solution.

Key Features

- Live/File ingest
- Live and File Playout Service conforming to a traffic schedule
- iLux Broadcast-Encoding platform with multi-program Statistical Mux
- Server-side ad insertion on each program based on SCTE 35 cues or time markers
- SRT Transport to Transmitter
- Off-air reception and backhaul via SRT
- VisionAIR - Real time QoS, and QoE monitoring with alarms
- N+1 Redundancy

- Input File Formats: MPEG2 TS, MP4, MXF, MOV
- Input Live Streams: SRT, UDP, HLS
- Playout - UDP Unicast/Multicast, SRT
- **iLux | Xscale**
  - Multichannel Statmux Encoder
  - MPEG2 andMPEG4mixed-mode statmux
  - Integrated PSIP & Station ID
  - SRT MPTS output to feed remote transmitter site
  - Integrated Linear AD inserion to SCTE-35 markers
  - External APIs for integration with AD providers
- **iLux | Transport**
  - SRT reception and IP/ASI output
  - Local RF reception and SRT backhaul to headend
- **VisionAIR Monitoring System**
  - QoS, QoE support
  - Alarms and SNMP integration

Our Mission

First and foremost, igolgi is an engineering and development company. Our engineering team has years of experience in various types of compression and encoding technology, making us experts in software control and interface. Our lead engineers hold over 250 patents for compression-related projects. For over 16 years, we have delivered innovative, flexible, high-quality solutions to the broadcast, cable, LPTV, and government markets. igolgi is an American company—all development, engineering, production, and support are based in the USA.

Our Promise

Highest Reliability
Our transport processors have carrier grade four 9s reliability

Simplest to Use
Our enhanced user interface makes set up, monitoring and changes fast and simple

Most Configurable
VSB, QAM, Satellite or IP inputs are all configurable for maximum flexibility

Easiest Upgrade
Update the software and change out hardware (if required) to keep you future proofed

Superior Support
Our support is USA based and our PremierPlus® gives you 24x7x365 expanded support and service

Best Value
igolgi has it all: technology, flexibility, expandability and support at a price that will surprise and please you

STAY CONNECTED

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