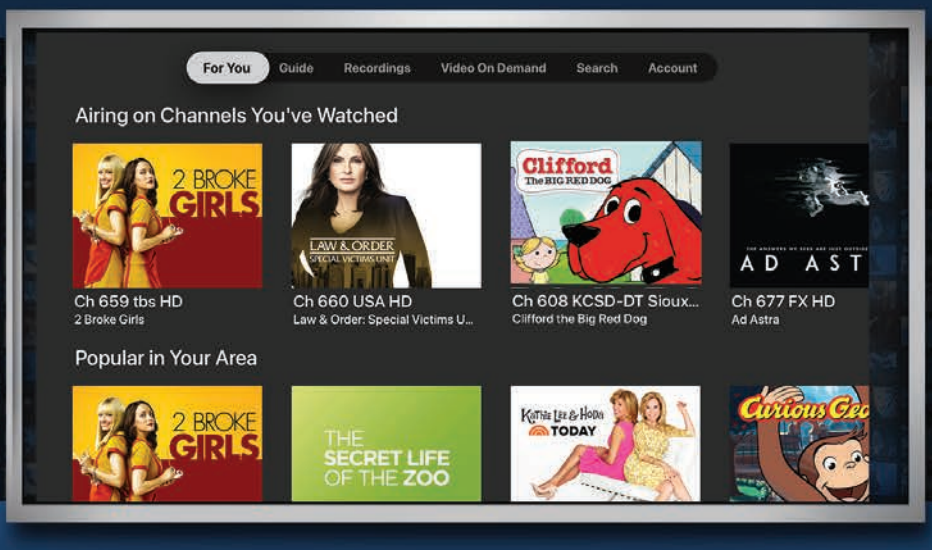
InnoStream™

An Innovative Systems Platform | sales@innovsys.com | (605) 995-6120

Streaming Solutions



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Multi Generation TV (MG-TV)

MG-TV Live Streaming

MG-TV is a pay TV operator solution that gives consumers a live TV service delivered to a device that best fits their lifestyle. MG-TV supports all major consumer devices as well as the option for a set top box, the IS-5041W, for your customers who desire a traditional TV experience.

The MG-TV Live Streaming solution from Innovative Systems is scalable from hundreds of end-users to 100,000+ by utilizing the CDN Features of InnoStream.

- Time-shifted viewing to include Restart TV, VOD, and cDVR
- InnoCryption CA/DRM for Streaming
- Enhanced guide data
- T-40 Transcoder/Encoder
- Reduces the vendor supply chain by providing key streaming solution components

"

"The MG-TV Streaming product works well for expanding companies like ours that want to be competitive with a bundle and reduce install, and Set Top Box expenses."

Ryan Johnson, CVTC, Macon, MO

"After thoroughly vetting references, we then conducted testing and felt Innovative Systems offered a state of the art video platform that we could move forward with."

Don Workman, Rural Telecommunications of America, National ISP Provider

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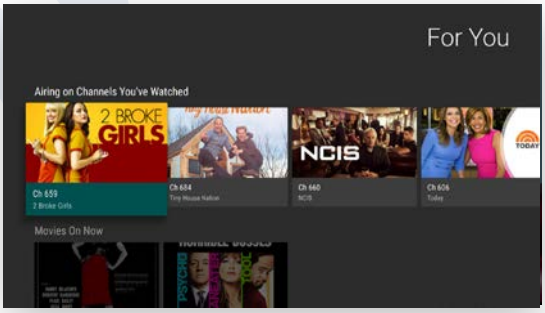
Live Streaming

Consumers are watching more video than ever. The lines have blurred around how they receive their video, the experience is more important.

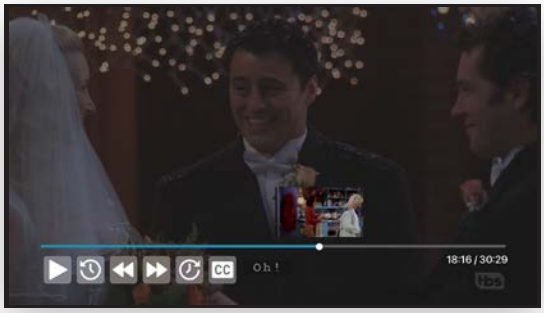
Responsive Program Guide



Customers used to the MG-TV IPTV guide will be hard-pressed to notice the difference.

- Lighting-Fast Scrolling
- Intuitive Menus
- Voice-Activated Search
- Linear or app-Based Navigation

No-Touch customer Care



Lengthy video installations are over!
Your customers can self-install their devices.

- Consumers can bring their Own Devices
- In-Home New Device Activation
- Deliver App and Credentials Electronically

Device Options

Bring Your Own Device

Let customers choose their own device.

- Apple TV
- Android TV
- Amazon Fire TV
- Roku
- Phones and Tablets

Mobile Recording Management

All Stream Now

Light Speed tv

Using the MyTVs, App customers can set and manage their recordings anyplace-anytime.

- Consumer downloads the app from app store
- Customizable App Icon

IS-5041W

For customers who desire a traditional remote without having to change TV inputs.

- Support MG-TV IPTV and MG-TV Live Streaming in Routed Mode
- Smaller Form Factor Compared to other STBs
- Built in Support for RF Remote controls
- CEC Automated Input Switching with supported television

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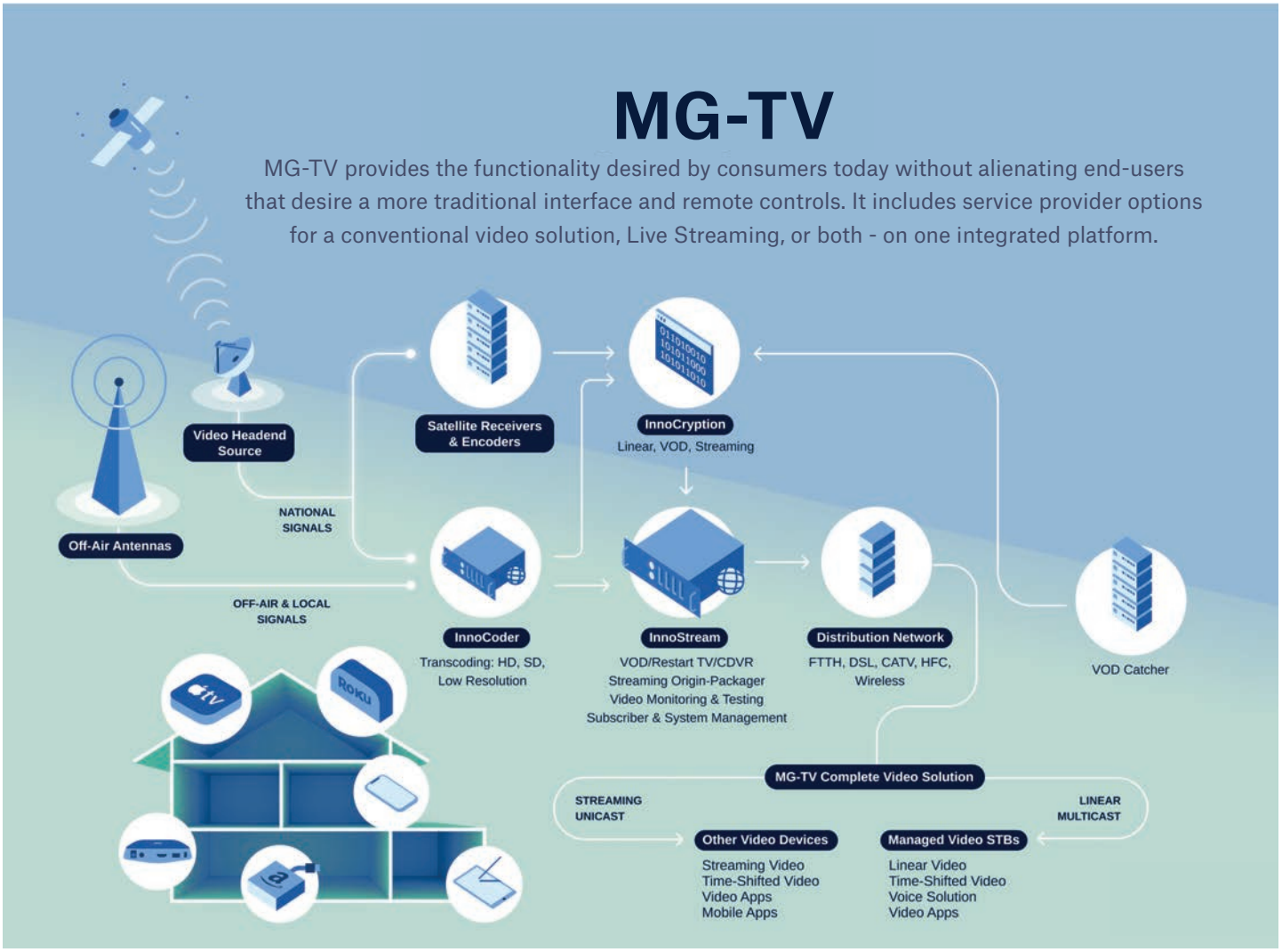
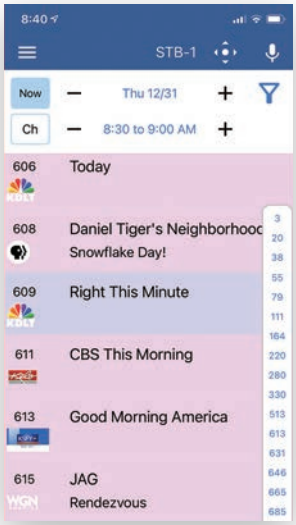
MG-TV

MG-TV provides the functionality desired by consumers today without alienating end-users that desire a more traditional interface and remote controls. It includes service provider options for a conventional video solution, Live Streaming, or both - on one integrated platform.





The MyTVs application brings the MG-TV linear video and streaming into one app.

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InnoStream Server Platform

Everything you need on One Platform

The one-platform InnoStream™ from Innovative Systems, provides more critical services than any other video vendor.

Redundancy

Let customers choose their own device.

- Dual Control Servers
- Media Content Diversity
- Redundant Power Supply per Server

Intelligent Replication

Let customers choose their own device.

- Multiple options for customer content duplication and protection per Server

Fault Resilient

- No single failure takes the system down
- Expansions can happen on live servers
- Disks can be hot swapped without system outages
- InnoSafe stores an additional backup off-site to a secure global cloud infrastructure

Scalability

- An InnoStream™ System includes two units with integrated control and up to 432 TB of Storage
- Additional System shelves can be added as you grow

> *"MG-TV intertwines linear video and streaming video, allowing our customers the choice to have video that best fits their lifestyle."*
>
> **Robbie Farmer, Skyline Communications, West Jefferson, NC**

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Services Available on the InnoStream Server Platform

Video Middleware

The best customer experience in the industry includes guide data, apps, recordings, and mobility.

Lookback TV

Subscribers can “Lookback” up to 72 hours and view or record just missed TV. Restarting live shows in progress and pause live TV are also part of this feature set.

Video on Demand and C3

VOD provides your viewers a Netflix-like experience and further differentiates your VOD service with local content.

Cloud DVR (cDVR)

This network-based storage does not require a home DVR. Save on DVR expenditures, reduce truck rolls, and eliminate STB installation expenses. Teamed with Lookback TV, recordings can be started at the beginning that allows DVR watchers to not miss a second of the show.

Ad Insertion

An application that inserts local advertising in channel content and provides advertisers to target local ads based on geographical location. Enhanced Ad Insertion allows a seamless transition from content to ads for over-the-top, live and on demand streaming service

InnoCryption

This systematic approach to Conditional Access (CA) and Digital Rights Management (DRM) for digital media uses the foundation of Secure TV and integrates into our Middleware product by using the InnoStream platform.

Streaming Packager

This service is necessary if you want to provide your subscribers live TV streaming over your managed data connection.

Enhanced Guide Data Processing

Enhanced Guide Data Processing provides greater poster coverage, advanced guide data, reduction of a vendor relationship, and a simple, straightforward pricing model.

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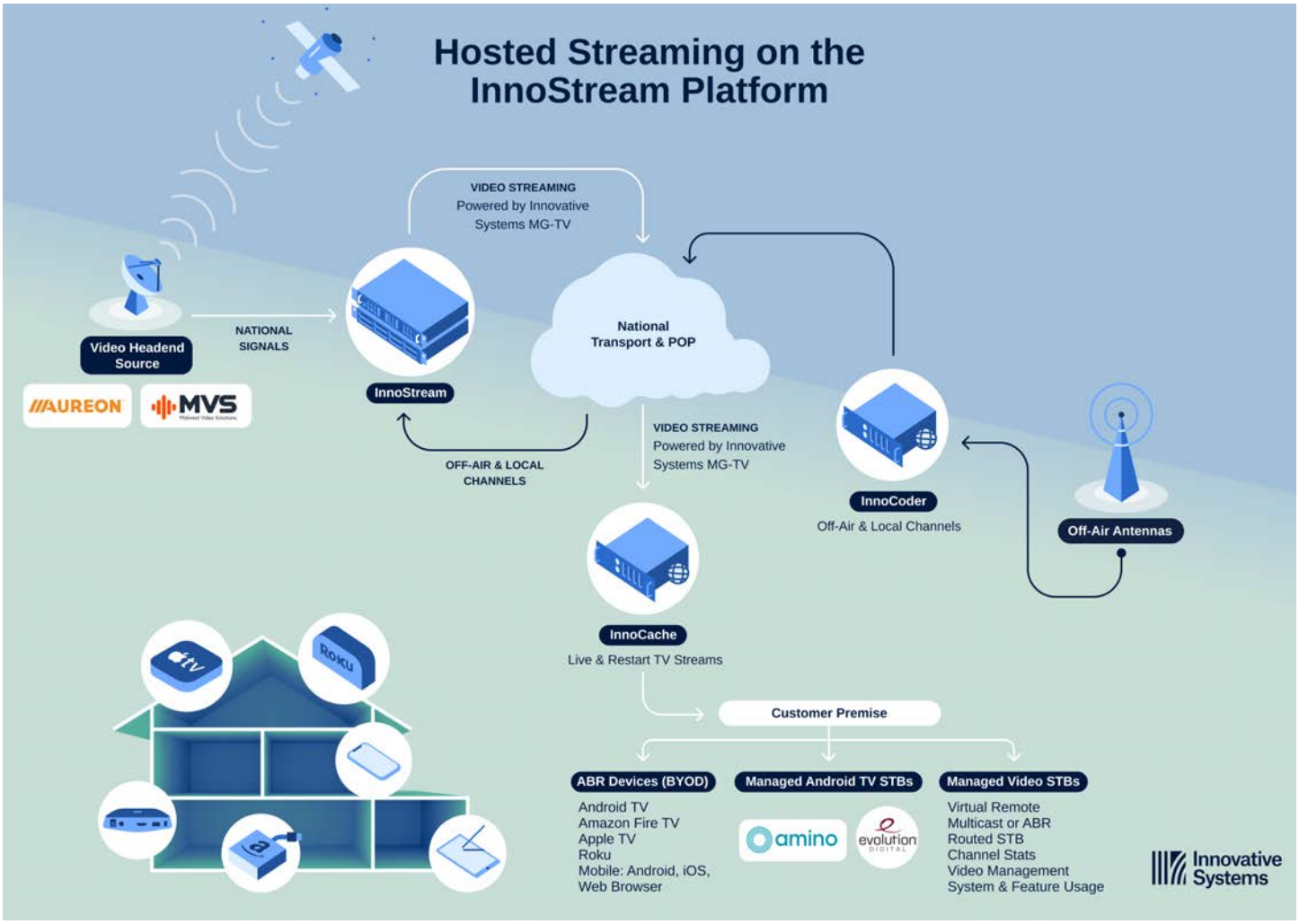
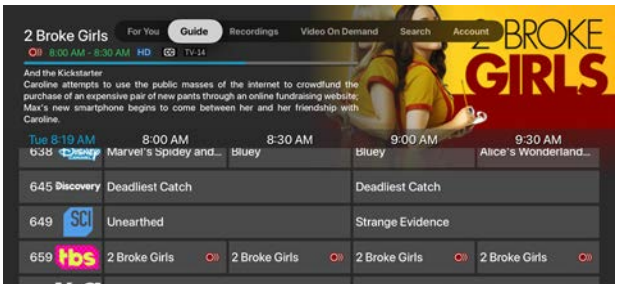


MG-TV Hosted Live Streaming

The MG-TV Live Streaming solution designed for service providers interested in eliminating headend costs with providing a competitive go-to market streaming video solution for your customers.

In partnership with two experienced and respected national headend providers, Aureon and MVS, Innovative Systems provides the middleware solution without the expense of operating a headend.



InnoCoder T-40 Encoder/Transcoder

Commercial grade platform offering real-time encoding and transcoding into industry standard formats.

The InnoCoder T-40 is designed to support all IPTV Middleware, and streaming platforms, as well as other video applications and is a scalable solution that will fit your needs now and in the future.

Linear & ABR Encoding /Transcoding

- Encode / Transcode
- IPTV & ABR Solutions simultaneously
- ABR Profiles (Maximum Six Profiles)
- Bandwidth Consolidation DTA-VBR to CBR
- Music Channel Encoding to ABR Formatting

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