Beenius

Media Systems Integrator

Expertise across the **interactive media ecosystem**

A **greenfield** or **replacement deployments** with high degree of infrastructure re-use

FEATURES

FEATURE

Recommendation Dashboard

- **The Recommendation System** recommends Live TV shows, Catch-up, and VOD content to each viewer,
- The system learns users' preferences and prepares a personalized list of content,
- The user interface is focused on content and presents the best shows at the users' fingertips.

Beenius can offer a Beenius proprietary recommendation system or a 3rd party recommendation system by **ThinkAnalytics**.

FEATURE

Targeted TV Advertising

- Operators can offer attractive services to advertisers to gain additional revenue through our own Ad Server,
- Interactive TV advertising and its shift to second-screen devices causes an enhanced opportunity to address potential customers,
- Possible connection to Ad Exchanges and Agencies,
- Support for random UI placements and Pre/Post/Mid Roll video,
- A revenue sharing business model.

FEATURE

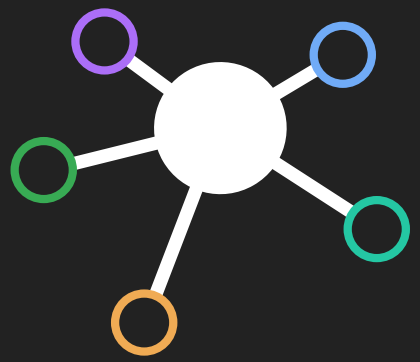
T-Commerce

T-Commerce enables:

- SVOD, TVOD and AVOD;
- Flexible pricing using pre-paid, post-paid, or loyalty points;
- Same VOD asset available in different formats, different audios/subtitles, different rental periods, etc. with different price tag;
- Purchase of Pay TV (single channel, channel package), Pay-per-View, NPVR quota, Catch-up TV timespan, subscribe/unsubscribe to viewer Subscriptions.

FEATURE

Multi-operator and multi-region structure

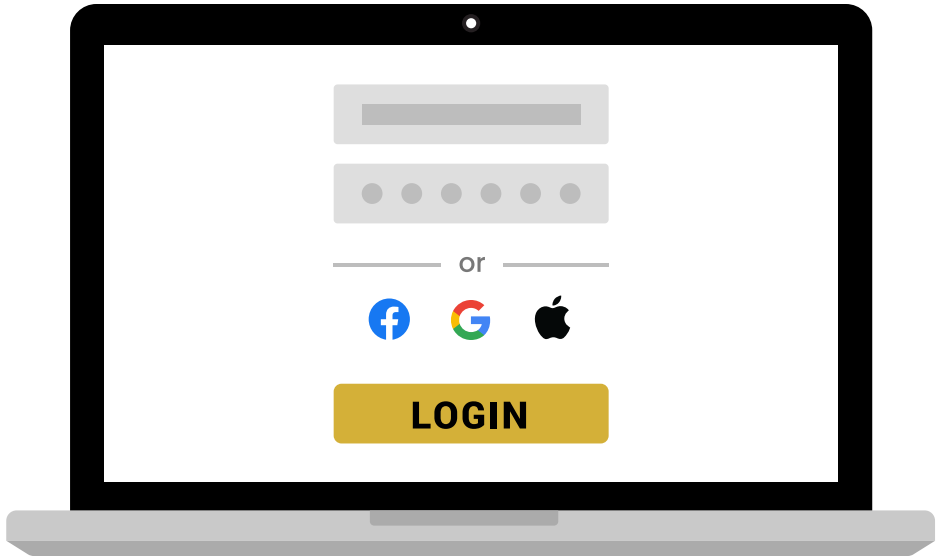


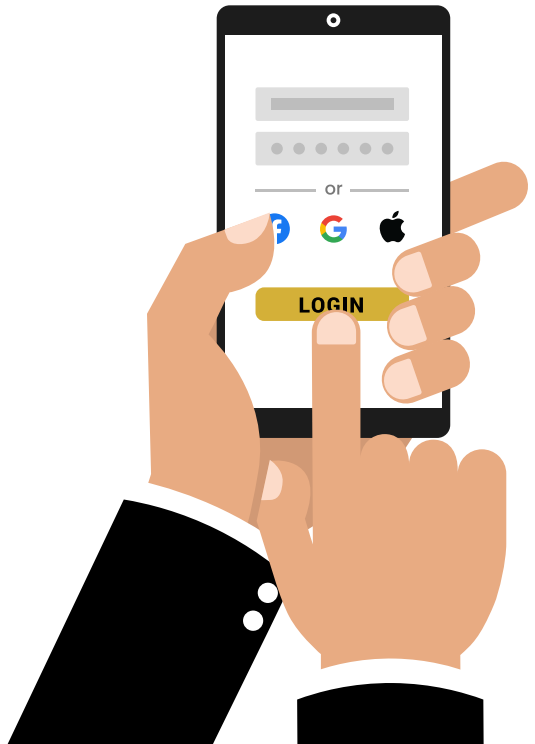
- An Operator’s TV system can be managed as a multi-operator and multi-region structure,
- The main service provider has the ability to provide IPTV/OTT middleware as a service (PaaS/SaaS) and host multiple virtual service providers – virtual operators,
- Operator privileges management through user groups with customizable group privileges such as read, edit, and delete for each functional module,
- Management can be handled via the Beenius Administration application GUI or API.

FEATURE

User Acquisition Registration

- Enables fast and easy sign-up for all viewers with their social networks accounts, such as Google & Facebook.
- The Freemium business model enables non-subscribers to have access to specific content and services.





FEATURE

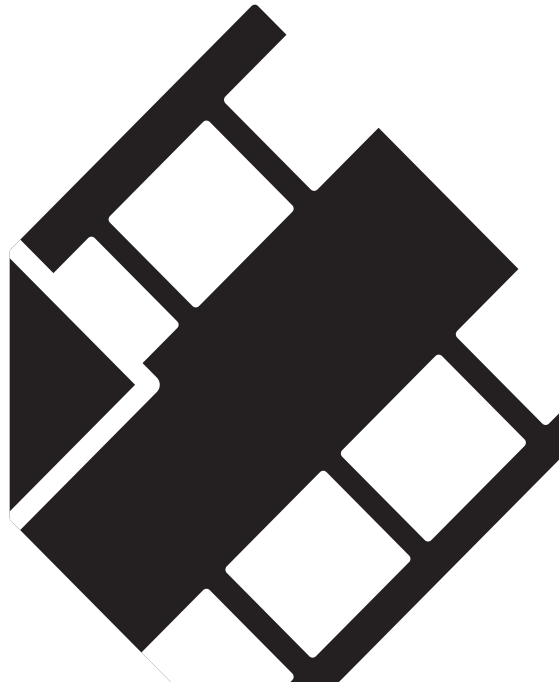
Live TV

- Multiple subtitles and multiple audio sources
- Channel lists and EPG in formats: matrix, column, and channel info bar
- Show reminders, parental control, channel preview with mosaic, and picture-in-picture features
- Channel categories, Pay-per-View

FEATURE

On Demand

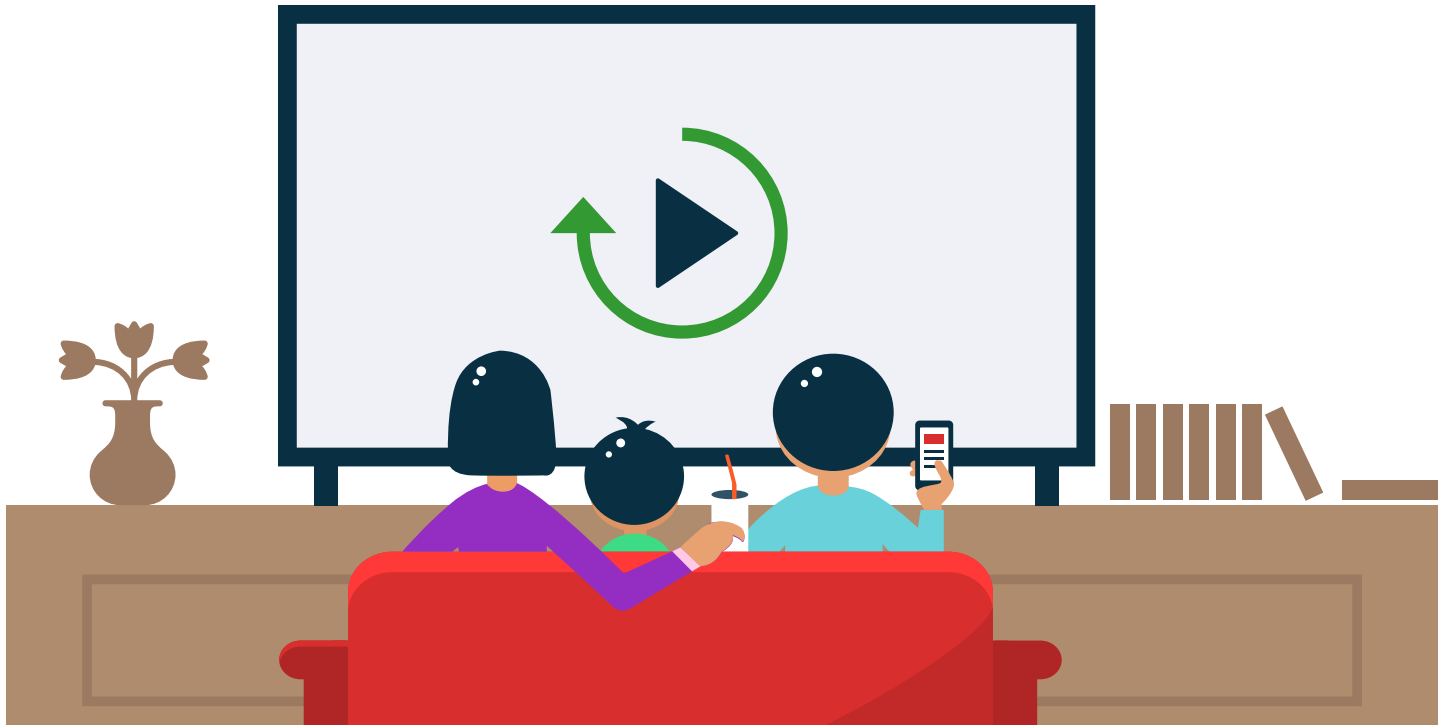
- VOD can be offered as AVOD, SVOD, TVOD, and free VOD
- Content organized in system categories such as ‘Most Watched,’ ‘Most Purchased,’ and ‘Recommended’,
- Support for multiple VOD libraries and series



FEATURE

N-DVR

- Catch-up TV, Start-over TV, Pause, and Resume
- N-PVR (single show, recording of series, recording adoption)



FEATURE

Analytics

- Providing operators consumer statistics and analytics from different perspectives: Content, Audience, Device and Purchase,
- Customized Analytics Dashboard with essential events: Live Most Watched, Unique Viewers, Device Types, Client Types, Catch-up Views by channel/program,
- Both Server side and Client side are included in Beenius statistics model.

FEATURE

Monitoring

- Real-time infrastructure data
- State of software services and Database
- Monitor incoming traffic to backend services
- Index log data collection
- Create alarms and reports
- Backed by machine learning to detect anomalies

Beenius TV Collection combines:

androidtv

Open Platform Solution (AOSP)

Chromecast

AirPlay

tv

TIZEN

LG webOS

Beenius on Android (TV)

For **internet**, **mobile** and **telco** providers:

androidtv

OR

Open Platform Solution (AOSP)

Multiple Streaming Protocols

Multi DRM/CAS support

Empowered with

Beenius **TV App**

Beenius **STB App**

Tailor-made Custom Launcher

Deployment possibilities

IPTV

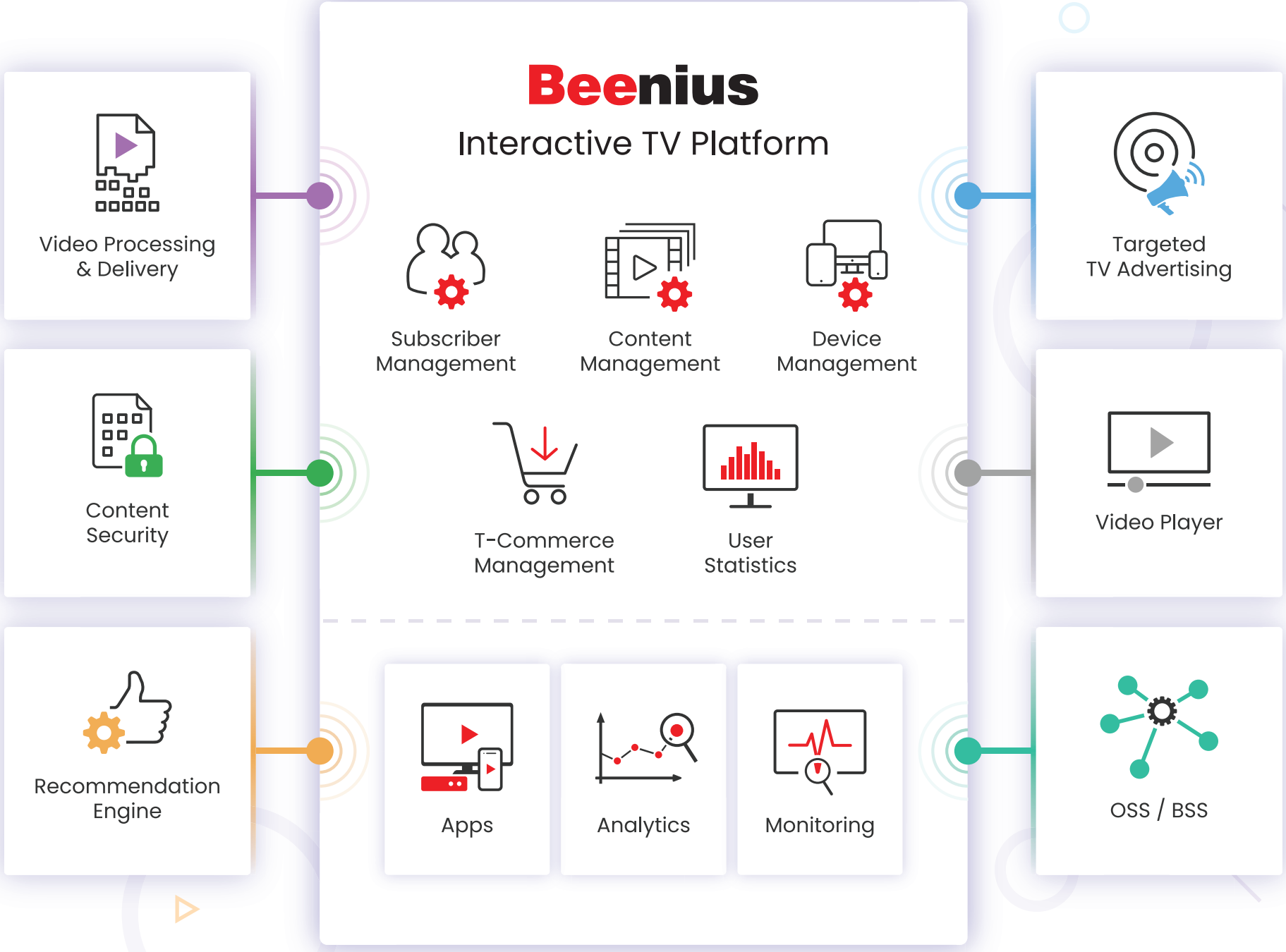
- IP managed network
- Multicast for Live TV on STBs
- Unicast for Live TV on Mobiles/Web
- Unicast for VOD & Recordings

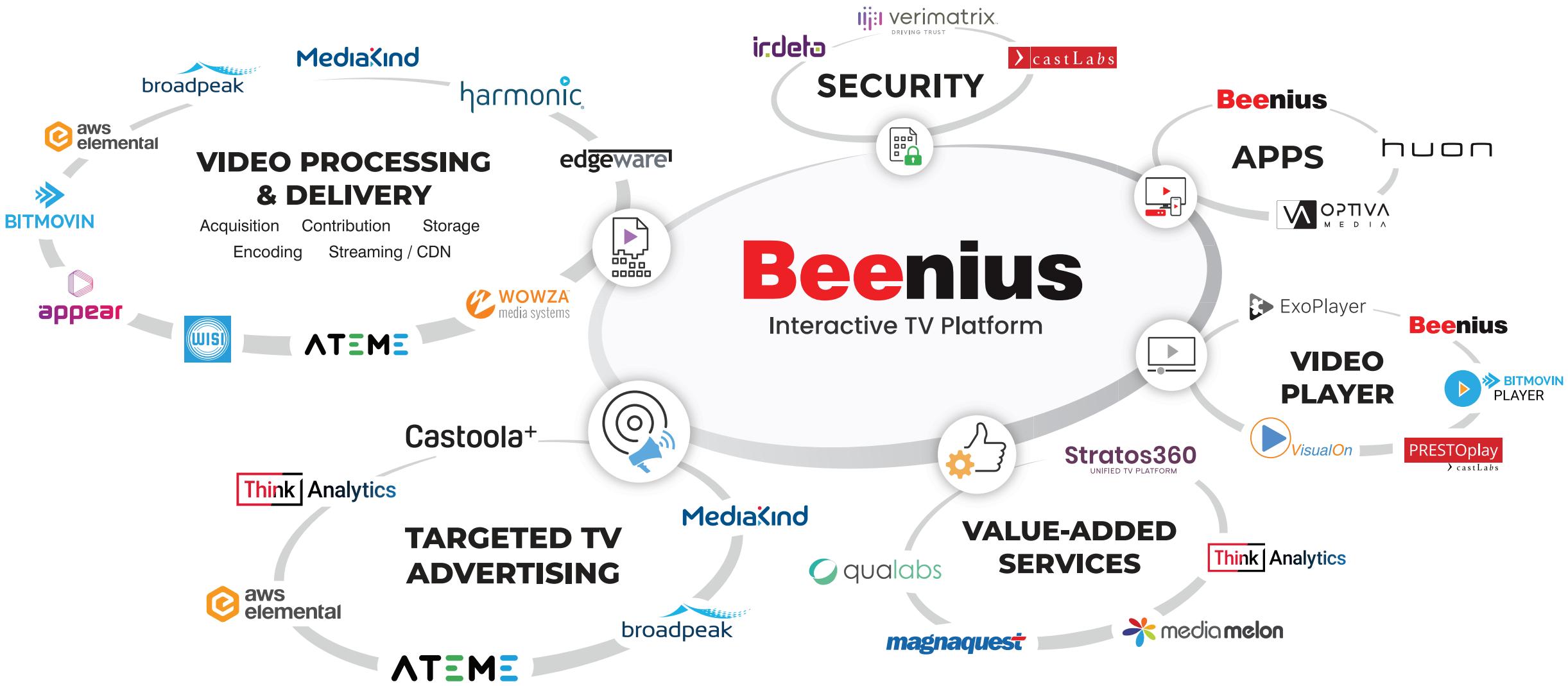
OTT

- IP unmanaged network
- Unicast for Live TV and VOD & Recordings

Beenius in the **TV Ecosystem**

Consolidating **IPTV**, **OTT** and **DVB** to deliver a true TV anywhere.




Beenius
Interactive TV Platform
VIDEO PROCESSING & DELIVERY
Acquisition Contribution Storage
Encoding Streaming / CDN
broadpeak
MediaKind
harmonic
aws elemental
edgeware
BITMOVIN
appear
WISI
ATEME
WOWZA media systems
SECURITY
verimatrix
DRIVING TRUST
irdeto
castLabs
APPS
Beenius
huon
OPTIVA MEDIA
ExoPlayer
Beenius
VIDEO PLAYER
BITMOVIN PLAYER
VisualOn
PRESTOplay
castLabs
Stratos360
UNIFIED TV PLATFORM
VALUE-ADDED SERVICES
qualabs
Think Analytics
magnaquest
media melon
TARGETED TV ADVERTISING
Castoola+
Think Analytics
MediaKind
aws elemental
broadpeak
ATEME