



BROCHURE

2024



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CORE VALUES

Providing media solutions that work globally,
can be set-up instantly and scale automatically.

EXECUTIVE SUMMARY

In an era dominated by digital evolution, the landscape of broadcasting is undergoing a paradigm shift. Our groundbreaking technology is at the forefront of this revolution, redefining traditional one-way broadcasting into a dynamic two-way street. We recognize the imperative for dual-way communication with viewers, harnessing the power of interactivity to elevate the broadcasting experience.

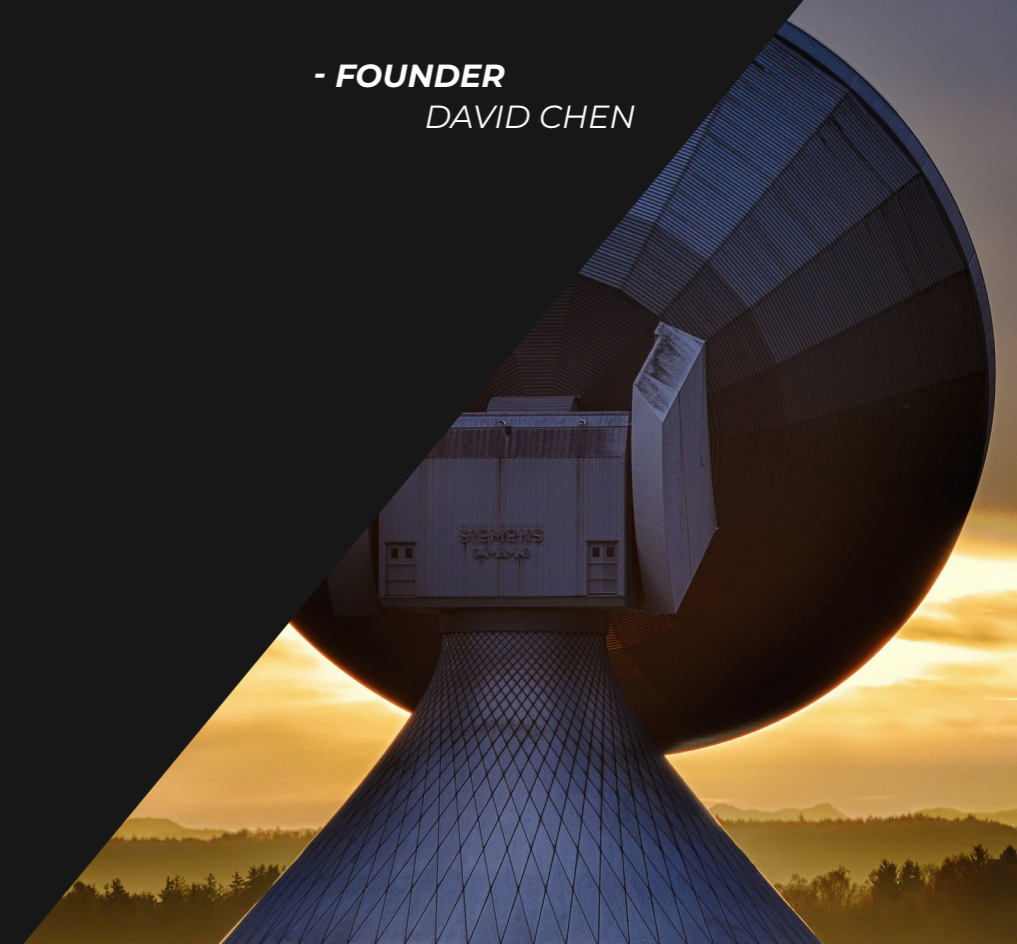
The essence of our technology lies in its ability to extract actionable insights from viewer interactions. Through sophisticated analytics, broadcasters gain a comprehensive understanding of audience behavior, enabling them to tailor content and strategies for heightened viewer satisfaction and loyalty.

We understand the pivotal role of monetization in sustaining broadcast operations. Leveraging our technology, broadcasters unlock the potential of targeted advertising. By delivering personalized content to specific audience segments, we not only enhance the viewer experience but also create lucrative avenues for advertisers, maximizing revenue streams.

Our solution goes beyond mere interactivity. We equip broadcasters with a suite of tools previously exclusive to IP services. This integration ensures that broadcasters not only keep pace with technological advancements but also surpass traditional boundaries, staying ahead in the competitive broadcasting landscape.

As the broadcasting industry evolves, our technology emerges as the catalyst for change. We envision a future where broadcasters seamlessly blend entertainment with interactivity, creating immersive experiences that resonate with modern audiences. Through dual-way communication, advanced analytics, and targeted advertising, our solution propels broadcasters into a new era of unparalleled success.

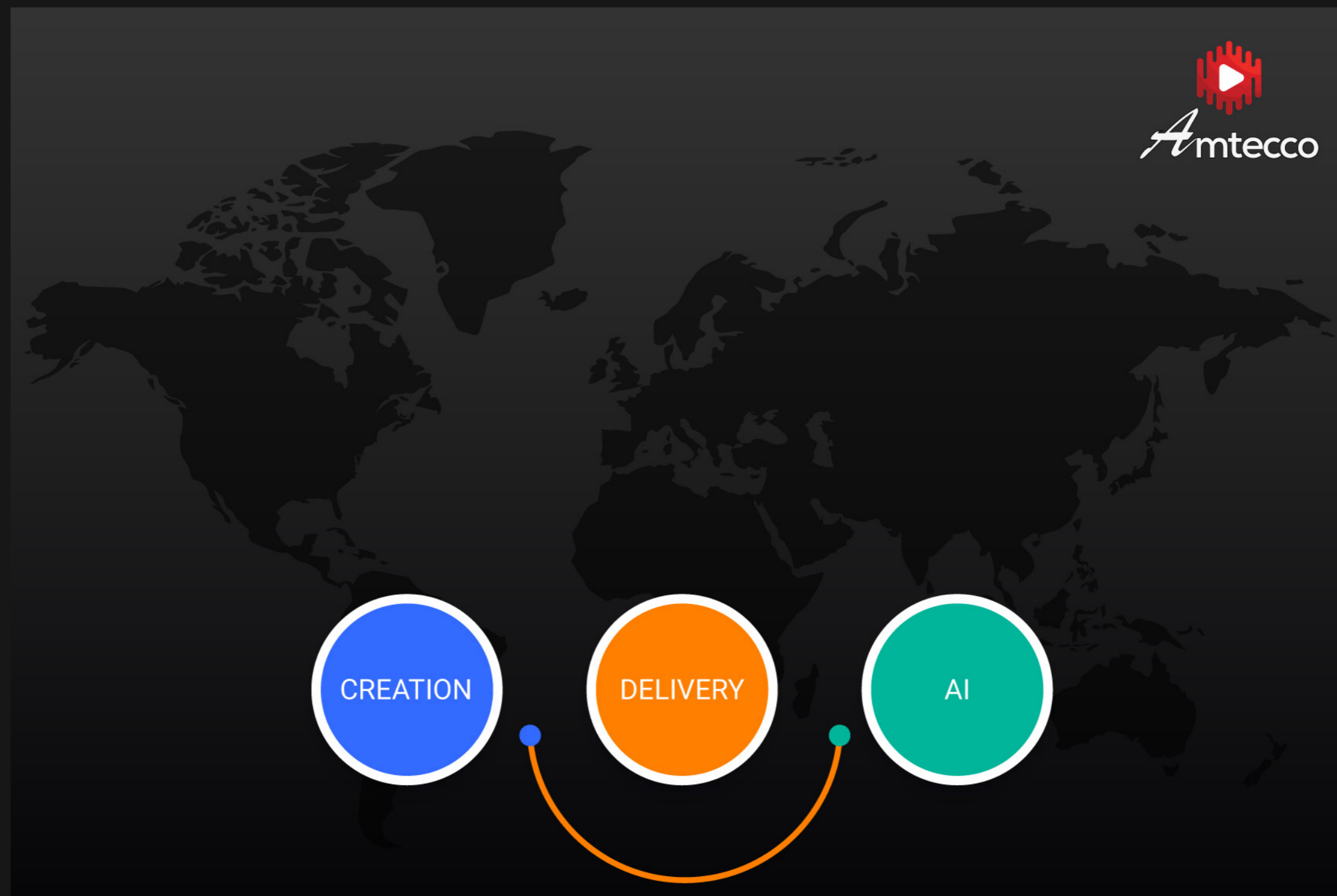
- FOUNDER
DAVID CHEN



OVERVIEW

Our broadcasting solutions are split into 3 departments: Creation, Delivery and AI. All cloud-based, all scalable. Providing the full suite of the latest technologies to broadcasters around the world.

We have no 3rd service providers, all the technology was engineered in-house allowing us to provide solutions that are highly customizable at record speeds.





Our cloud playout solution provides a simple to use interface with a 7-day playlist management.

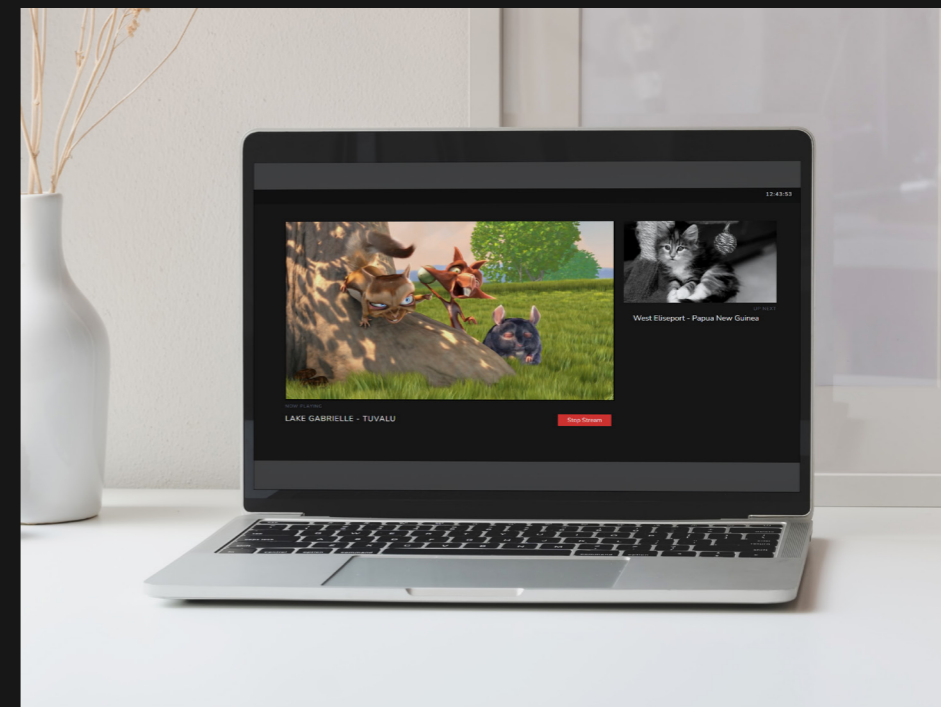
Main Features

- Output of choice: HLS, RTMP, SRT, UDP
- 10,000 minutes media storage (upgradable)
- Drag & Drop edit
- Live playlist edit
- Accessible from any internet-connected browser

Optional Add-ons

- HLS Multi bit-rate output
- Broadcast ready UDP output
- Stream with CDN
- Transmit to our Multi-Streamer
- Smart auto-generate playlist from media
- Generate EPG
- IP2Broadcast connectivity

Main Screen



Playlist Management



THE PLAYLIST GENERATOR

Our Smart Playlist Generator can build playlists for your live channel on-the-fly. Just upload your media once and watch the magic happen.

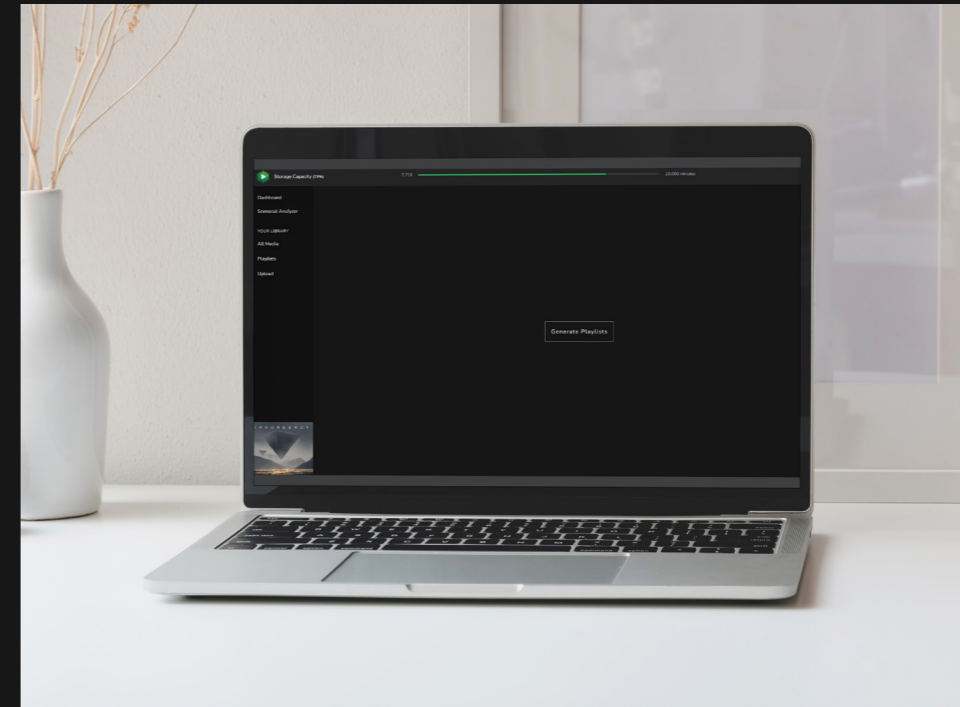
Main Features

- 7-day playlist generation
- Export to CSV
- Drag & Drop manual live edit of the playlist
- Automatically avoids repeating the same content
- Accessible from any internet-connected browser

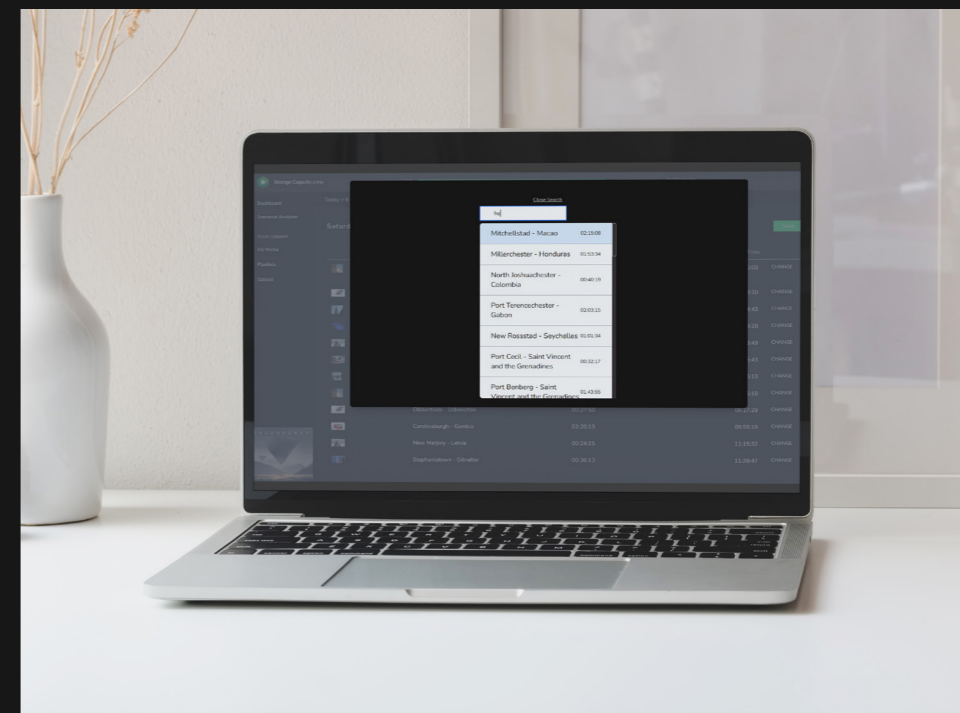
Optional Add-ons

- Expand to 14-day playlist
- Export playlist to other formats
- Easy integration with The Playout
- API connectivity
- Alerts & notifications
- Generate EPG

Main Screen



Playlist Management





THE EPG GENERATOR

The perfect solution when supplying to multiple regions around the world. Our EPG automatically outputs the time-zone and localization you require.

Main Features

- Generate EPG from The Playlist
- Live edit of EPG
- Upload your own EPG for manipulation
- Accessible from any internet-connected browser

Optional Add-ons

- Input EPG into MPEG-TS stream
- EPG hosting for IPTV
- Output EPG in multiple formats
- Add or remove EPG Metadata
- Custom EPG templating
- API connectivity

XMLTV Output

```
<channel id="test-channel">
  <display-name lang="en">The One</display-name>
  <icon width="80" height="120" src="https://yourdomain.com/icon.png"/>
  <icon width="80" height="120" src="https://yourdomain.com/icon2.png"/>
  <url>https://yourdomain.com</url>
</channel>
<programme channel="test-channel" start="20161223184000" stop="20161223194000" pdc-start="20161223184000" pdc-stop="20161223194000">
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  <sub-title lang="en">Test channel second title</sub-title>
  <desc lang="en">Test channel description</desc>
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    <actor>Test actor</actor>
    <writer>Test writer</writer>
    <adapter>Test adapter</adapter>
    <producer>Test producer</producer>
    <composer>Test composer</composer>
    <editor>Test editor</editor>
    <presenter>Test presenter</presenter>
    <commentator>Test commentator</commentator>
    <guest>Test guest</guest>
  </credits>
  <date>20160615</date>
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  <keyword lang="en">Fantastic</keyword>
  <language>en</language>
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  </star-rating>
  <review type="text" source="Web" reviewer="Belkacem Alidra" lang="en"/>
</programme>
</tv>
```


THE TRANSCODER

Encoding, muxing, transcoding, packaging and more. The all-in-one solution to get your content where you need it, how you need it.

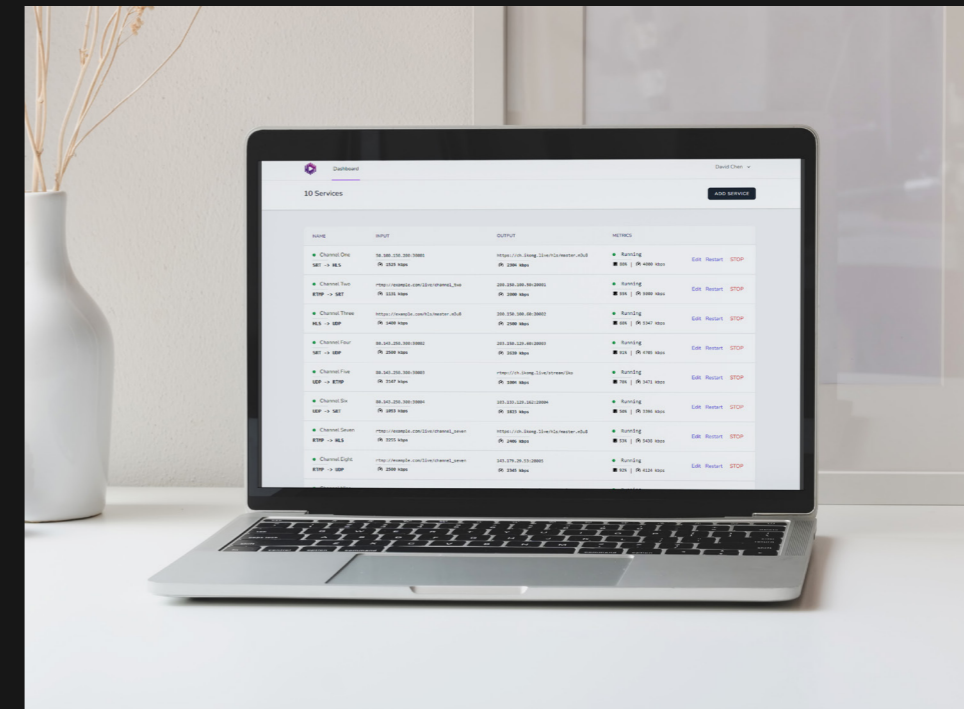
Main Features

- Input/Output of choice: HLS, RTMP, SRT, UDP
- Limitless power with easy cloud scalability
- Alarm & notification system built-in
- Custom constant bit-rate profiles for broadcasting
- Accessible from any internet-connected browser

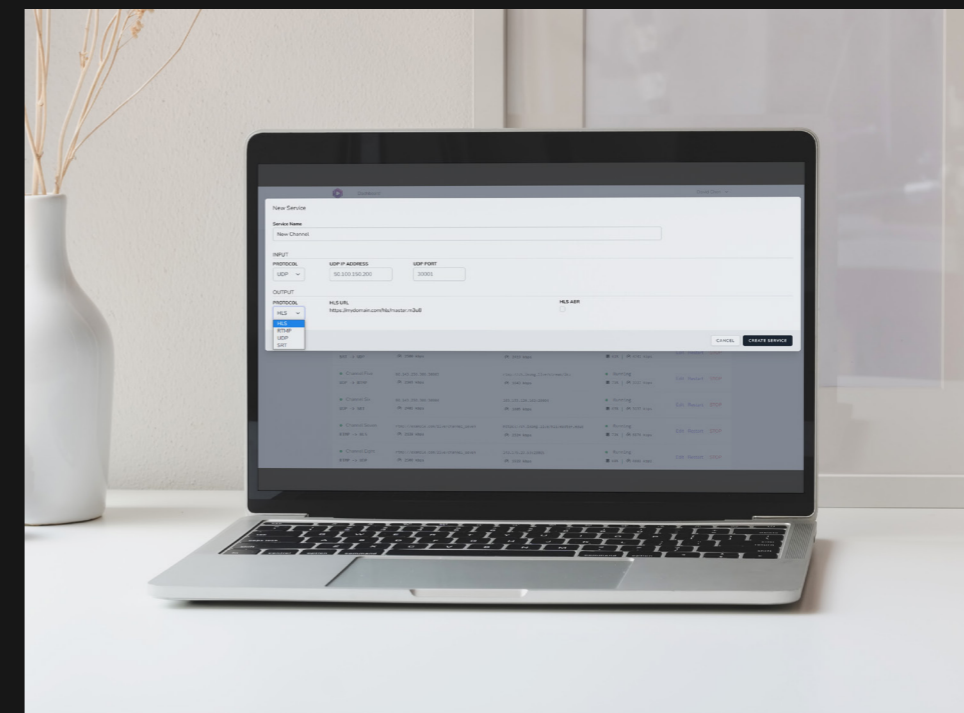
Optional Add-ons

- Static image overlay
- Dynamic image overlay
- Combine multiple audio streams into one video
- Add captions
- Connect to Multi-Streamer
- Output HLS adaptive bit-rate
- Custom requirements

Main Screen



Service Management





THE MULTI-STREAMER

Stream to multiple social-media platforms and custom locations at once.

Main Features

- Multi RTMP outputs
- Easy to use interface
- Accesible from any internet-connected browser

Optional Add-ons

- HLS Multi bitrate output
- Broadcast ready UDP output
- Stream with CDN
- Different overlays to different outputs
- API connectivity



THE RADIO2VIDEO

Turn your radio stream into a video stream with a click of a button.

Main Features

- Overlay images, GIFs or videos on loop
- Live edit of overlays
- Add captions
- Accesible from any internet-connected browser

Optional Add-ons

- Transmit with The Multi-Streamer
- Broadcast ready UDP output
- Stream as HLS with CDN
- Generate EPG



THE EPG MANIPULATOR

The perfect solution when supplying to multiple regions around the world. Our EPG automatically outputs the time-zone and localization you require.

Main Features

- Manipulate and provide EPG for each timezone
- Manipulate and provide different languages
- Live edit of EPG
- Accessible from any internet-connected browser

Optional Add-ons

- Input EPG into MPEG-TS stream
- EPG hosting for IPTV
- Output EPG in multiple formats
- Add or remove EPG Metadata
- Custom EPG templating
- API connectivity

XMLTV Output

```
<channel id="test-channel">
  <display-name lang="en">The One</display-name>
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<programme channel="test-channel" start="20161223184000" stop="20161223194000" pdc-start="20161223184000" pdc-stop="20161223194000">
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  </rating>
  <star-rating>
    <value>1/5</value>
  </star-rating>
  <review type="text" source="Web" reviewer="Belkacem Alidra" lang="en"/>
</programme>
</tv>
```



THE BROADCAST2IP

Convert your broadcasted channel to IPTV.

Main Features

- Output of choice: HLS, RTMP

Optional Add-ons

- HLS Multi bitrate output
- Stream with CDN
- Transmit to our Multi-Streamer
- Convert MPEG-TS EPG to XMLTV



THE IP2BROADCAST

Convert your IPTV to a broadcast ready channel.

Main Features

- Output of choice: SRT, UDP

Optional Add-ons

- Custom CBR profiles
- Encode XMLTV EPG into the MPEG-TS stream

THE SCENECUT ANALYZER

Our Scenecut Analyzer reviews your media and suggests the most likely places where a scene-change occurs. This is mostly used for timing ad-insertions and content-splitting.

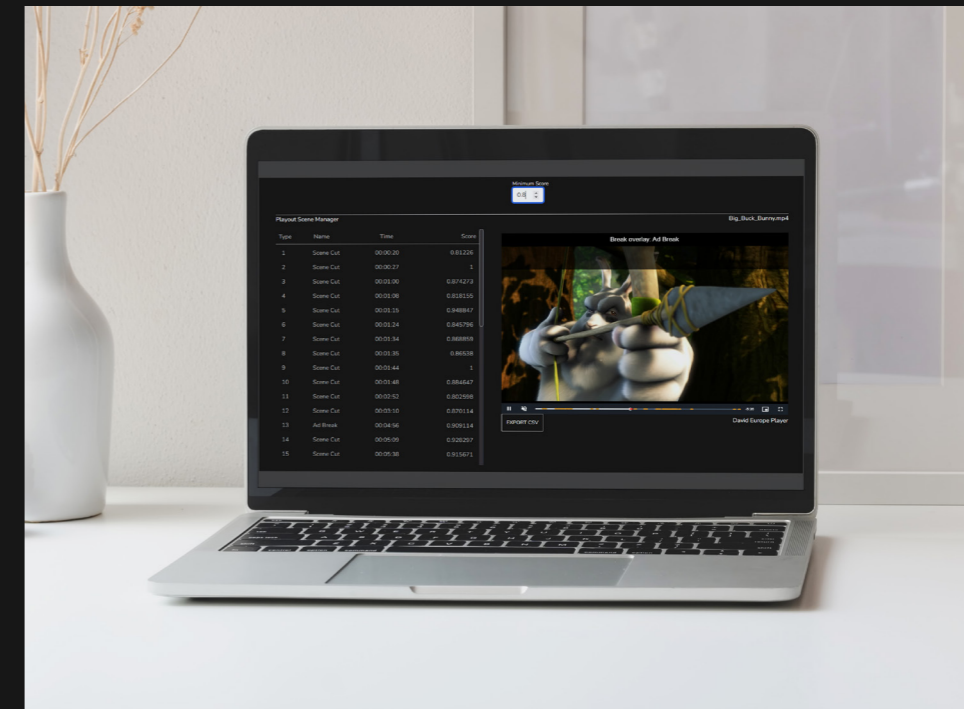
Main Features

- Output results to CSV
- Click to notify / cancel ad-break
- Percentage based scene-cut results
- Scenecut output shown on the player and as a list
- Accessible from any internet-connected browser

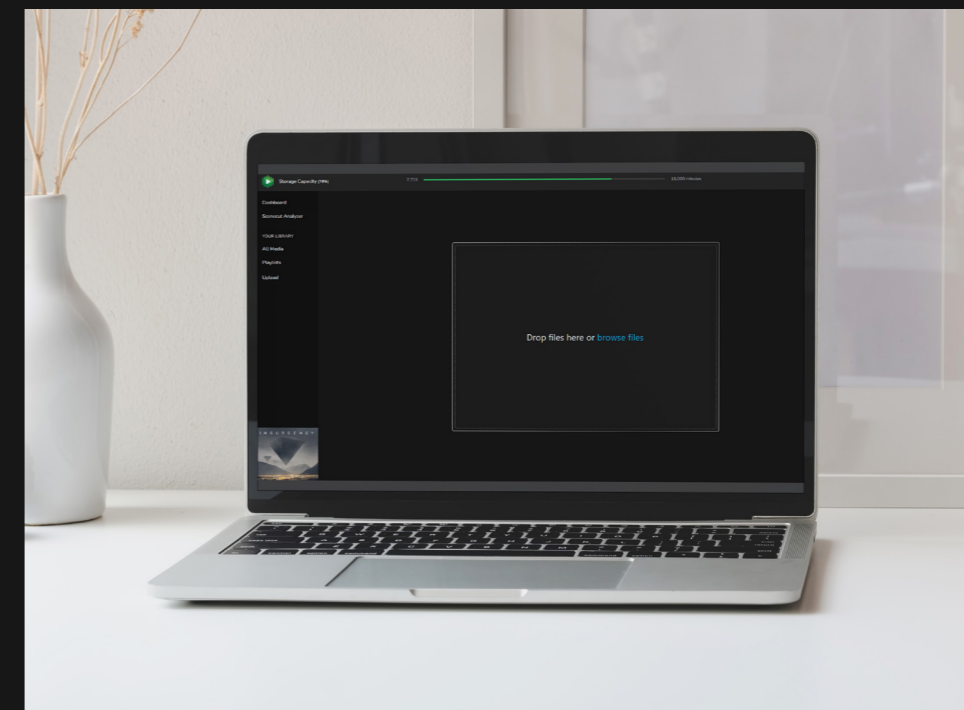
Optional Add-ons

- Split video and download
- Auto add video to playlist when done
- Store results in database for future use
- Auto ad-breaks input every ~X minutes on scene-cut
- **Connect to playlist & playout and auto stream with ad-breaks** - *Perfect use case for AVOD models*

Main Screen



Easy Upload





THE TRANSCRIBER

Generate subtitles automatically using AI. The transcriber will run on our cloud outputting the full text and timestamps of the speech of your videos.

Main Features

- Auto subtitle generation
- Easy to use interface
- Download SRT or VTT file
- Accesible from any internet-connected browser

Optional Add-ons

- Automatic input in MPEGTS
- AI Translation



THE SUBTITLE TRANSLATOR


Translate subtitles automatically. Using DeepL AI, automatically translate your subtitles into more than 20 languages.

Main Features

- Increase global coverage with more languages
- One time cost
- Download SRT or VTT file
- Accesible from any internet-connected browser

Optional Add-ons

- Transmit with The Multi-Streamer
- Broadcast ready UDP output
- Stream as HLS with CDN
- Automatic input in MPEGTS



THE HBBTV APP INSERTION

Automatic insertion of HbbTV applications into broadcast streams.

Main Features

- Automatic updates of the PMT table
- Generation and insertion of AIT table
- Output of MPEG-TS via SRT

Optional Add-ons

- MHP insertion
- Targeted Advertising App
- Analytics App



THE SCTE-35 TO STREAM EVENTS CONVERTER

Automatically convert SCTE-35 markers to Stream Events for your HbbTV applications.

Main Features

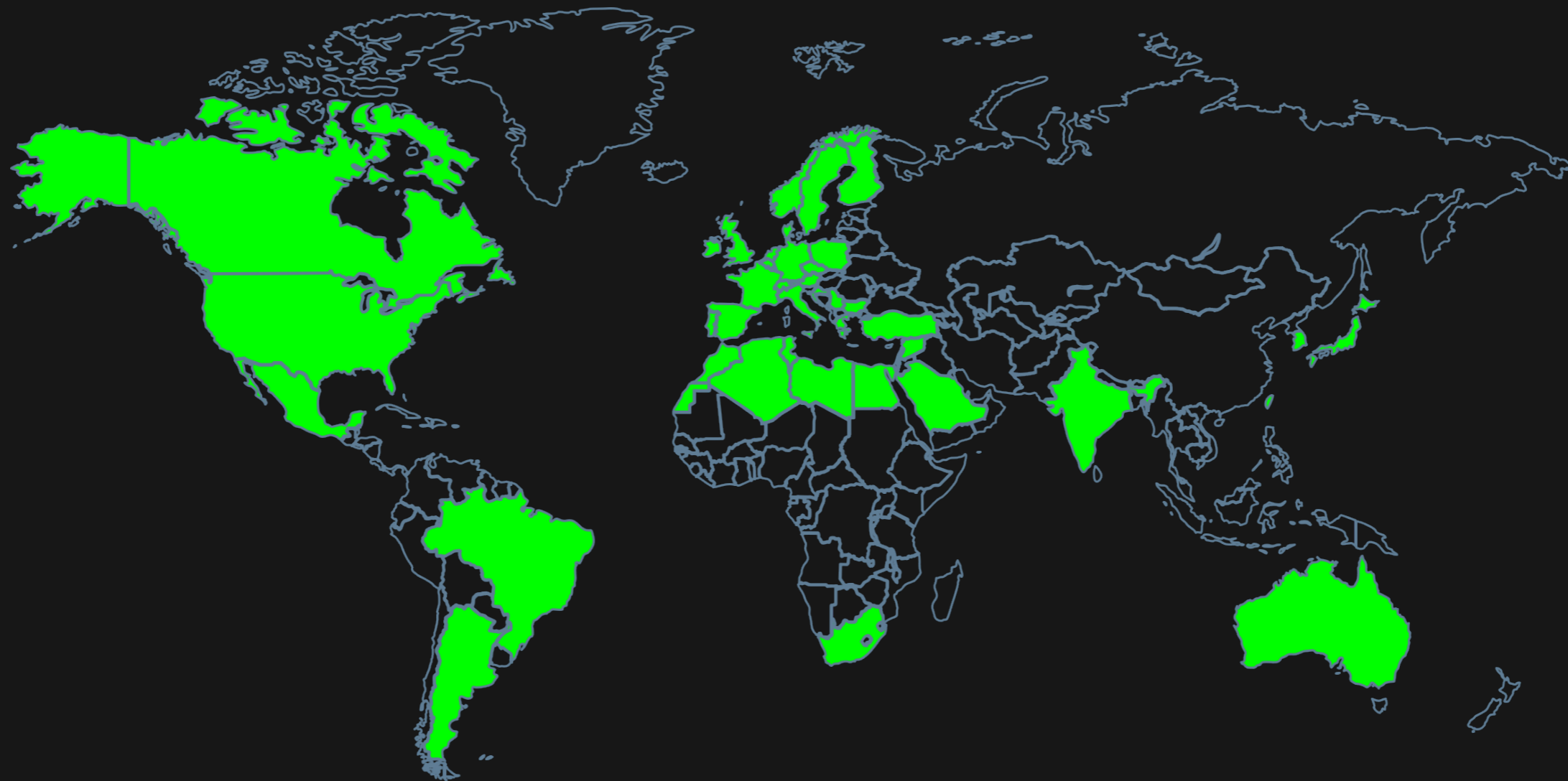
- No new playout required
- Fully automated
- Customizations of IDs via Web UI
- Output of MPEG-TS via SRT

Optional Add-ons

- MHP Stream Events

DEPLOYMENT MAP

World map where Amtecco services are deployed.





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<https://amtecco.com>