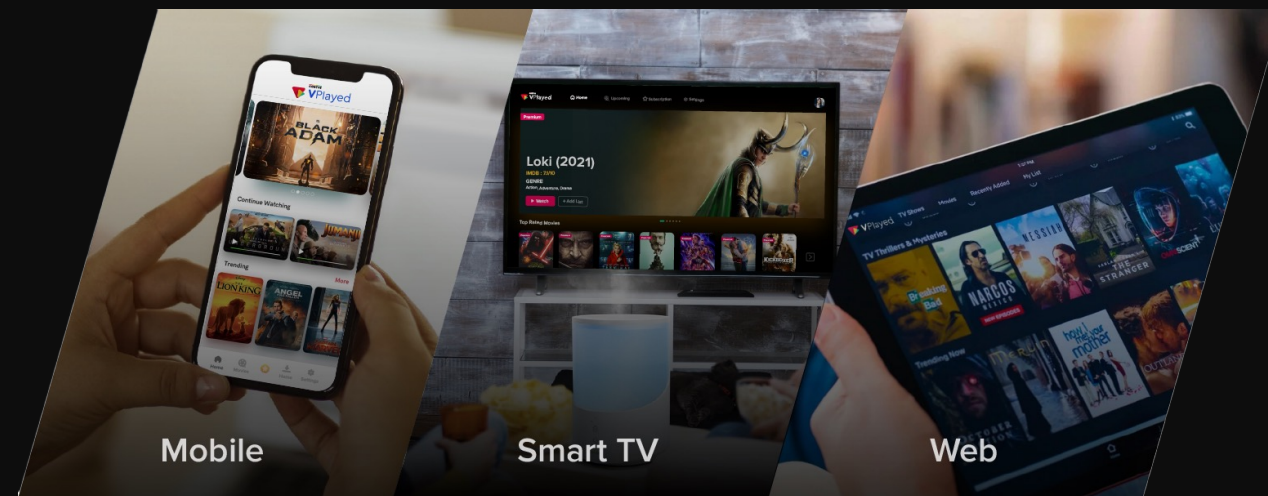


ALL IN ONE
IPTV / OTT / HYBRID Platform



BASIN STREET TECHNOLOGIES, INC.



Mobile

Smart TV

Web



BASIN STREET TECHNOLOGIES, INC.

ALL IN ONE

BST All IN ONE IPTV / OTT / HYBRID Platform

- Includes a complete system of processing and distribution of streams in Unicast or Multicast as well as Broadcast .
- Includes a user's applications and administration platform for customers.
- The entire system comes from one supplier. This ensures its reliability and eliminates complicated and expensive integration of multiple systems and new features from different suppliers.





Fast Deployment

- Thanks to the BST ALL IN ONE pre integrated system, operators can start their IPTV / OTT services in short period of time.
- The HYBRID solution integrates with DVB platforms.
- Advantage of “key” modules like Middleware and Streaming servers are fully integrated and brings significant time saving.
- The platform is pre-integrated with billing/CSMS and origin applications for fast deployment.



BASIN STREET TECHNOLOGIES, INC.

All in one is complete with the following integrated modules:

1. Encoding/Transcoding
2. Storage
3. Middleware
4. Multi DRM / CAS
5. CSMS/billing system
6. Monitoring
7. Customer web Portal
8. User applications





BASIN STREET TECHNOLOGIES, INC.

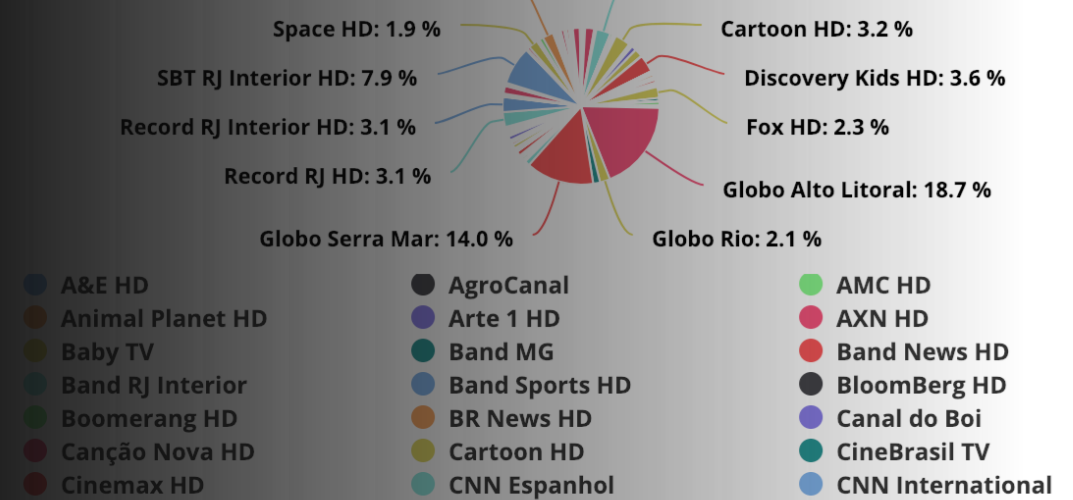
Middleware

BST ALL IN ONE middleware is the heart of the system that administrates Live and VOD contents. It provides end user applications with EPG information and control access to video / audio contents. BST middleware helps you manage everything from one single administration interface.

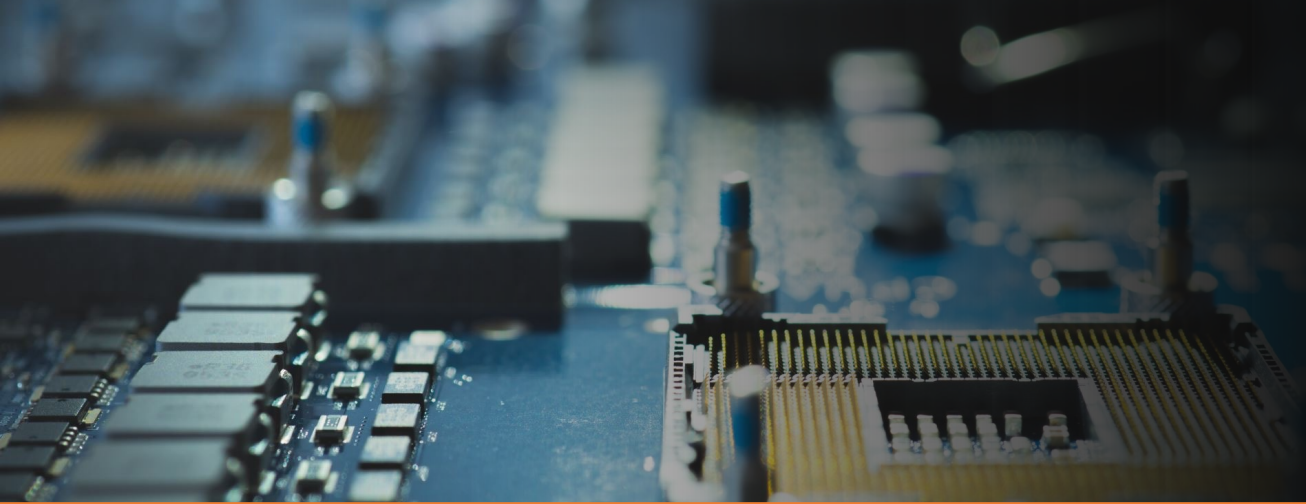
BST All In One Middleware has a sophisticated CSMS system. The Middleware has an API interface and can integrate to operators CRM system.

Open API

BST ALL IN ONE platform is open, flexible, and it adapts to end users' devices. Through open API it is easily integrated into existing infrastructure and systems. The platform creates analytics by SQL queries, to help operators with market research.



BASIN STREET TECHNOLOGIES, INC



Modular

BST ALL IN ONE is a modular platform. You can use it as a whole or only some parts that can be implemented into your existing system. BST ALL IN ONE uses streaming protocols MPEG DASH and multiple DRM. On request, it is possible to integrate other technologies and modules.



BASIN STREET TECHNOLOGIES, INC.



BASIN STREET TECHNOLOGIES, INC.

State of the Art

BST ALL IN ONE is constantly being developed and improved with new features and the latest technologies. BST monitors and responds to the newest trends and multimedia marketplace requirements, and it delivers it to operators as fast as possible.

Scalable

BST ALL IN ONE is scalable, the system adapts to your needs and is upgradable.

Cost effective

BST ALL IN ONE runs, innovates, and develop on open-source technologies like Linux, MySQL, PHP, and more which significantly decrease CAPEX and OPEX for its operators.



BST

BASIN STREET TECHNOLOGIES, INC.

White label



ALL IN ONE is complete with the following integrated modules:

It manages customer accounts. It allows operators to add / remove users and devices to their account, activate / deactivate services (live, VOD, recording, etc.), and carry out a lot of other settings. The Billing system works as prepaid and/or postpaid system, it keeps records of the services and payments of end customers and automatically issues invoices. The system works with bank accounts and payment gateways with POS and mPOS. Any other payment systems can be adapted according to operator's needs.

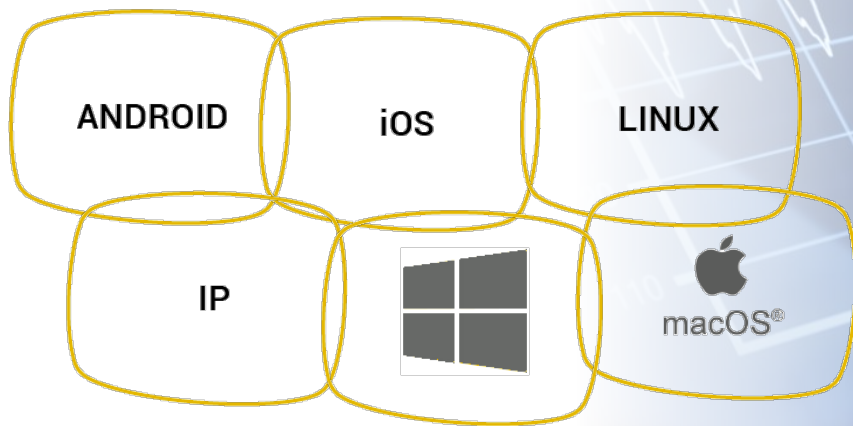


BST

BASIN STREET TECHNOLOGIES, INC.

Playback applications

End User applications ensure smooth streaming using the ABR technology - adaptive bitrate, either in the automatic mode or in the mode where the customer chooses the profile (from 195kbps). Supported platform (Android, iOS, web TV on PC Windows/Apple, Smart TV with Android OS). The advantage of the BST ALL IN ONE application is development on UX experience with user friendly UI, simple and immediate response.





BASIN STREET TECHNOLOGIES, INC.

Operation Monitoring System

Operation Monitoring System monitors the proper functioning of all system components and transmits the online information about problems to the supervisors via e-mail or SMS. The system monitors the input streams into encoders/transcoders, the output of encoders/transcoders, the middleware and streaming servers functioning, the entire hardware and system resources. BST ALL IN ONE adapts CENTRON (open-source monitoring software) for performance monitoring of all its components.



Streaming Server / CDN

The streaming servers of the BST ALL IN ONE system provide smooth streaming to all devices. It allows the network operators to create/customize own CDN and thus significantly optimize the load across the network infrastructure, or load sharing with other partners.



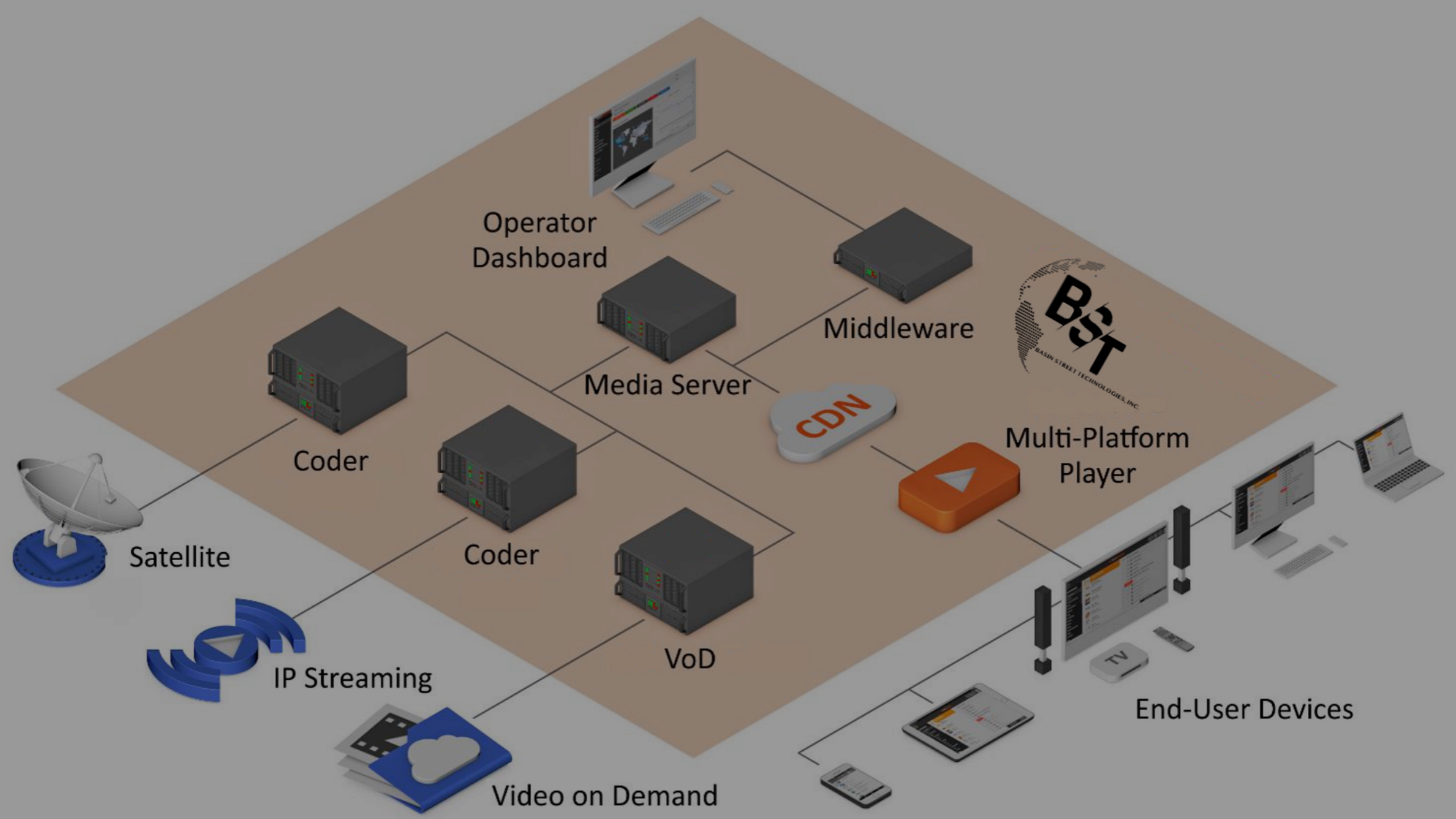


BASIN STREET TECHNOLOGIES, INC.

Encoding / Transcoding

Our unique transcoder development with encoders function provides the transformation of the input stream into multiple output profiles of different quality (mobile SD/SD/HD/FHD/4K) for Unicast and Multicast. BST All in one solution supports all available resolutions and frame rates, MPEG, H.264 (H.265), AAC and more. The transcoder output is in the MPEG-DASH streaming protocols and for Multicast transfers IP/STPS to UDP/RTP protocols with the possibility to adapt size of streams and its resolution too. SDI inputs / outputs are implemented upon the operator's request. For encoding / transcoding we are pioneer of the usage of latest available NVIDIA GPU hardware.





Catering to the
Operator need for
connectivity



basinstreettech.com