

OFFICE@PLUMITV.COM | WWW.PLUMITV.COM

PLUM iTV

NEXT GENERATION SOLUTION
FOR INTERACTIVE TV

Plum iTV is a solution prepared for Provider based on Project assignment delivered by the Provider.

It includes servers for Streamers, Load-balancer, Storage servers for Media files and servers for Middleware Backend and the amount of necessary hardware depends on the Project assignment itself.

Plum iTV's most significant functionalities are LiveTV, Catch-upTV, TimeshiftTV, BuffetTV (Plum iTV's innovation that enables categorization based on program and not channel which enables better user-experience), nPVR, VoD as well as additional functionalities such are Parental control, Mosaic, Reminders, Multi-language, Multi-user, Promotions...



PLUM iTV TRANSCODER

Plum iTV transcoder is GPU based, assisted by CPU. Transcoder is very flexible, provider can choose capacity/quality ratio by himself - there are various settings that allow the provider to adjust the quality of video and increase or decrease the capacity of transcoder. By transcoding channel into several profiles provider is saving bandwidth and also preparing channels for ABR.

PLUM iTV MEDIA ENGINE

Streamer, Load-balancer, Storage, Self-protected system.

TimeShift, BuffetTV and CatchUp enable subscribers to watch content that is recorded on Storage located in provider's headend. Streams are recorded for certain period of time 24h, 48h, 72h or even 7 days or more. This content is recorded on a NAS storage and its content is available to subscribers.

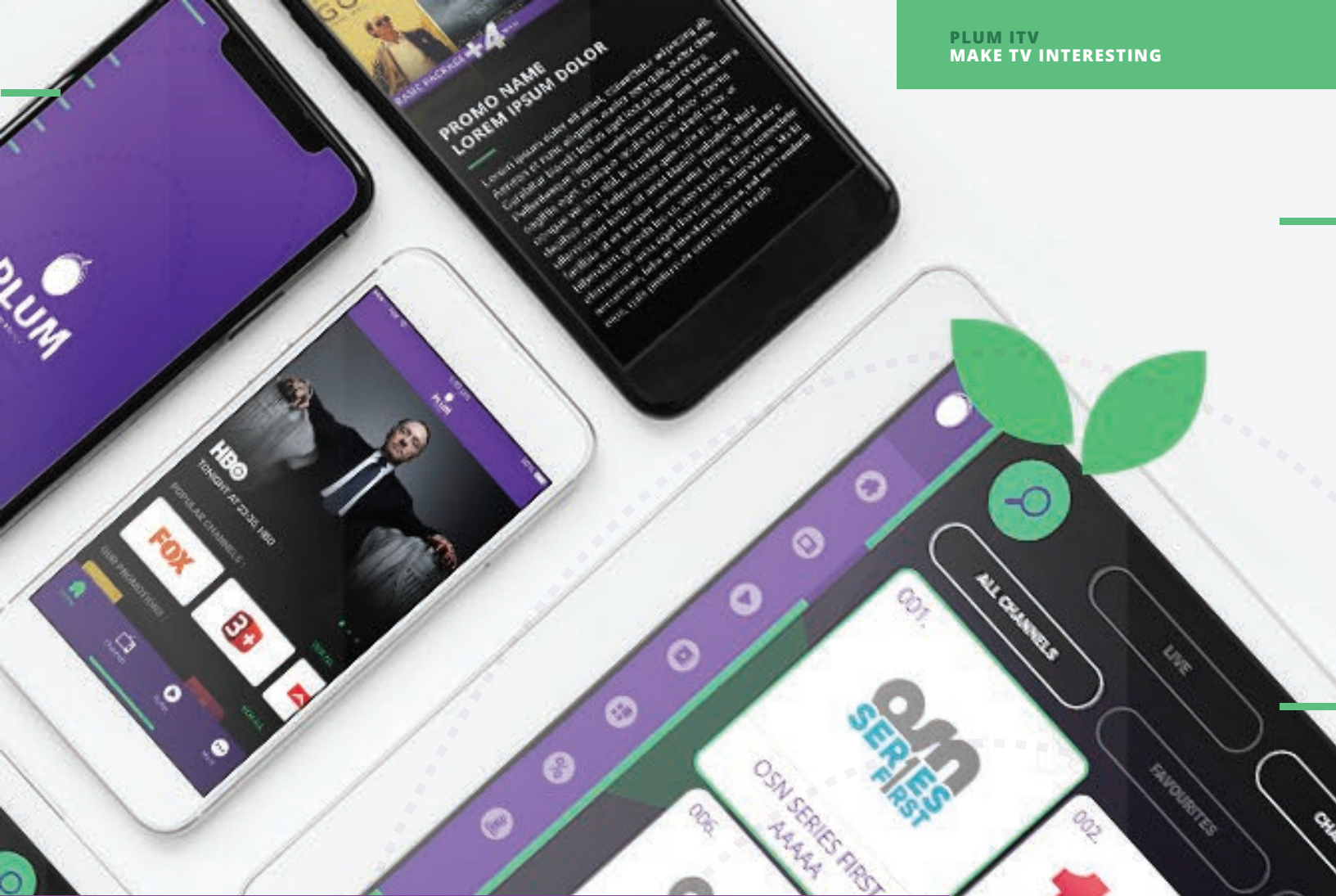


PLUM iTV MIDDLEWARE

CMS, Monitoring, Billing Export, Statistics and Analytics Reports, Protection & Security.

Middleware implements data processing, security, system administration, offering of various applications for subscribers, detail statistics on different types of asset. Plum iTV Middleware consists of two parts, Backend (CMS and Monitoring) and Frontend (end-user's applications).





PLUM iTV END-USER'S APPS

Applications that can be offered with **Plum iTV Middleware** are Android/iOS mobile applications for mobile Phones and Tablets, Web application for PC desktop and laptop devices for Windows and Android application for STBs and application for Smart TVs which can be IPTV/OTT. There is also an extension for ChromeCast that enables casting stream from Mobile device to TV set. All apps have modern design look but customization is always an option.

