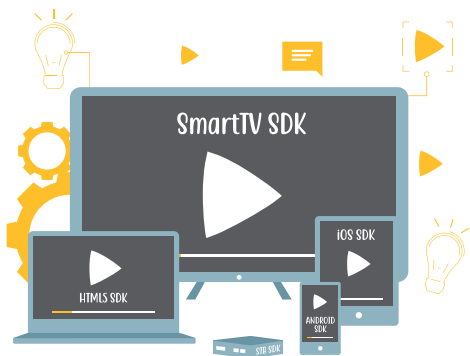# THEOplayer

UNIVERSAL VIDEO PLAYER

Showing quality video to your viewers on web, mobile and TV has never been simpler

REACH YOUR VIEWERS ON EVERY DEVICE

THEOplayer, our Universal Video Player, is a **single video playback component solution** that works identically on web, mobile web, native apps and connected devices, like Smart TVs. Enabling a high quality experience, that is fast to market, **no matter the device.**

CONNECTS YOUR VIDEO INFRASTRUCTURE

THEOplayer is **pre-integrated** with the most popular streaming, DRM, analytics and advertising solutions. Making it simpler and more **cost effective** to design, build, maintain and upgrade your video streaming solution.

> *"The THEO team took care of integrating and testing with our streaming and DRM solutions, reducing the overall complexity and cost of upgrading our previous player."*

Benny Den Trooster, Chief Engineer - TV Design, Telenet, Liberty Global

A SOLUTION PARTNER YOU CAN RELY ON

THEO Technologies **understands** that you want to create a unique viewer experience. Our THEO experts are available from solution inception all the way through it's evolution over time. **We are your solution partner.**

> *"When we were developing a solution for VR & 360° video, the THEO team proved to be a very valuable partner by listening to ideas, providing technical and ensuring full compatibility."*

Sanjay Joshi, Senior Manager Product Development, NBC Learn

MULTI-AWARD WINNING

THEOplayer has been consistently named as World's Best Video Player Solution/SDK in the Streaming Media Readers' Choice awards. With a proven compatibility with **industry-leading solutions for streaming, advertising, DRM, analytics and server side ad insertion.**

EUROPEAN READERS' CHOICE AWARDS 2016 WINNER — STREAMING MEDIA MAGAZINE EUROPEAN EDITION

EUROPEAN READERS' CHOICE AWARDS 2017 WINNER — STREAMING MEDIA MAGAZINE EUROPEAN EDITION

EUROPEAN READERS' CHOICE AWARDS 2018 WINNER — STREAMING MEDIA MAGAZINE EUROPEAN EDITION

EUROPEAN READERS' CHOICE AWARDS 2019 WINNER — STREAMING MEDIA MAGAZINE EUROPEAN EDITION

READERS' CHOICE AWARDS 2017 WINNER — STREAMING MEDIA MAGAZINE

READERS' CHOICE AWARDS 2018 WINNER — STREAMING MEDIA MAGAZINE

READERS' CHOICE AWARDS 2019 WINNER — STREAMING MEDIA MAGAZINE

TECHNICAL SPECIFICATIONS

THEOplayer
Universal Video Player

STREAMING

FORMATS
HLS
MPEG-DASH
Progressive Download (MP4)

USE CASES
DVR / Timeshift
Frame Accurate Seeking
Live
Multiple Audio Tracks
Offline Playback
Pre-Caching
Video Clipping
VOD
VR and 360°

SUBTITLES & CLOSED CAPTIONS
CEA-608/708
DVB TEXT/SUB via TTML
EBU-TT-D
SRT
TTML IMSC1
WebVTT

METADATA
DASH EventStream
HLS Daterange
HLS ID3 Metadata
HLS Program-Date-Time
ISOBMFF emsg box

PRE-INTEGRATIONS
AWS Elemental
Broadpeak
Harmonic
Imagine Communications
Mediakind
Microsoft Azure
Synamedia
Unified Streaming
Verizon Media Platform
Wowza

LOW LATENCY
LL-DASH
LL-HLS

CASTING
Airplay
Chromecast

ADVERTISING

FORMATS
Client-Side Ad Insertion (CSAI)
▶ VAST
▶ VMAP
▶ VPAID
Server-Side Ad Insertion (SSAI)

FEATURES
Ad Pods
Ad Scheduling
Ad Skipping with Preview Picture
Companion Ads
Overlays & Banners
Pre/Mid/Post-Rolls

PRE-INTEGRATIONS
FreeWheel (CSAI)
Google Ad Manager/DAI (SSAI)
Google Ad Manager/IMA (CSAI)
SpotX (CSAI)
Verizon Media Platform (SSAI)
Yospace (SSAI)

DRM

FORMATS
Clearkey (CENC)
FairPlay
PlayReady
Static AES-128
Widevine

PRE-INTEGRATIONS
ARRIS Tiranium
Atlas
Axinom
Azure Multi DRM
BuyDRM
Conax
EZDRM
Irdeto
Nagravision
Verimatrix Multi Right
Verizon Media Platform DRM
Vimond
Vualto VuDRM
Xstream DRM

ANALYTICS

PRE-INTEGRATIONS
Agama
Conviva
MediaMelon SmartSight
MOAT
Youbora - Nice People At Work

USER INTERFACE (UI)

CHROMELESS UI
THEO APIs

THEO UI
Chapters and Bookmarks
Picture-in-Picture
Related Video
Skinning
Social Sharing
Subtitles & Closed Captions
Thumbnails
Up-Next
WCAG 2.1 AA

THEOPLAYER SDKs

WEB & MOBILE WEB
HTML5 SDK

MOBILE APPLICATIONS
Android SDK
iOS SDK
iPadOS SDK

STREAMING DEVICES
Android TV SDK
Chromecast Receiver SDK
tvOS SDK
Fire TV SDK
Roku TV SDK
Tizen SDK
WebOS SDK