MULTISCREEN TV PLATFORM

Next Generation Multiscreen TV Platform offers the market's most comprehensive, cost-effective and scalable suite of Over-The-Top (OTT) and TV Everywhere products and services.

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Whether you want a seamless end-to-end multiscreen solution or standalone service, we can deliver an exceptional solution specifically designed around your needs. Its flexible and modular architecture allows easy ingestion, seamless integration to back-end systems to manage all types of video content for secure and scalable delivery in any format to any screen to maximize your video profits.

Our services-oriented modular architecture framework gives you the freedom to select only the functionality you require so you can speed your time to market and prepare for the future in a more flexible and cost-effective way. By providing the ability to deliver top-quality content over any network to any connected device with an extensive coverage, our platform enables our customers to get the maximum value from their video assets and put their business at the cutting edge of the future of TV.

Features

High Quality Content to Any Screen to Any Network

Our "Next Generation Multiscreen TV Platform" (NG MTVP) headend infrastructure allows live and video on-demand streaming of top quality content to any end user device and network over any network. Adaptive bitrate streaming formats including Smooth Streaming, HLS, and MPEG DASH enables dynamic adaptation to device. Where you want to deploy your own CDN, we also offer own CDN solution based on best of breed components for reliable and scalable video delivery supporting distributed infrastructure.

Ingest	Encode	Protection	Management	Streaming	Analytics	Players
SOURCE	CODECS	DRM	CMS	CDN	Statistics	Player
- Camera	- H264	- PlayReady	- Content Workflow	- Region Support	- Usage Reports	- Set-Top Box
- Satellite	- HEVC	- Widevine	- Business Rule Mng	- Multilayer	- System Reports	- OTT
- File	Adaptive Formats	Other	- Service Auditing	MPEG-Dash		- Smart TV
	- Smooth Stream	- Token Based	Middlleware	- Low Lateral		- Web
	- Apple HLS	- Algorithm	- MW Core Services			- Mobile
	- MPEG Dash	- Access Control	- MW Client Services			
		- Stream Encryption				

End to End Next Generation Multiscreen TV Platform Solution

Cost Effective Platform for Dynamic Time to Market

MTVP offers you a powerful, simple to deploy, end-to-end video platform for dynamic delivery of live TV and VOD services across any IP-based device over any network. Built on proven technology, it combines in one place all the tools and modules you need to launch a multi-platform entertainment service. MTVP allows media service providers to cost-effectively deploy next- generation TV and Video services quickly and efficiently to any number of platforms and devices through simplified workflow path integration with existing back-office systems. This allows media service providers to focus on their network, content and customer service offerings while decreasing deployment costs.

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Reach Your Audience with Extensive Device Coverage

Next Generation Multiscreen TV Platform brings your content to wide variety of connected devices through readily available pre-integrated end user applications. From iOS to Android, and Windows Mobile devices, Smart TV's to Game consoles from every leading manufacturer we have ability get you on the device.

Make a Difference by Engaging User Experiences

Based on fact that user experience make a significant difference and differentiates your service offering in the market, our apps have been developed to deliver compelling user experiences through user centric methodologies, a systematic approach that enables development of service features with connected user in mind and that provides a synergy between engineering and user experience. The result is a suite of applications for intuitive content discovery, impulse sales and engaging media consumption through high quality streaming and unique forms of interactive features for social media, second screen and personalization.

Flexible Tools to Maximize Your Video Profits

Next Generation Multiscreen TV Platform comes with a full suite of service management tools take a full control your TV business, boost your revenues, and maximize your return on your technology and content investments. Service management includes everything you need for content acquisition and ingestion, asset management, publishing, user management, monetization, advertising, customer care, reporting, and analytics, all built in-house and pre-integrated to bring you unique platform features to enable quick time to market and efficient operations, to grow, dominate and differentiate your TV and video business.

Scalability with Telco Grade Availability

Whether we deliver the solution through our cloud based services or we deploy with it in your network, Next Generation Multiscreen TV Platform is easily scalable to support from thousands to millions of subscribers.The key headend systems can be centralized or distributed throughout the network as required based on specific market bandwidth constrains. The solution has been proved to have extreme availability without loss of any service degradation even in the most demanding production environments. Combined with long term experience in telco environment, our dedicated technical and content operations make sure your services are always up and running in maximum performance and always up to date.

Seamless Integration to Backend Systems

NG Multiscreen TV Platform is extremely integration agnostics through extensive protocol support and large set of integration API's to realize different service functions for content and metadata ingestion, user authentication, charging, provisioning, reporting, customer care and also for social networks and other internet services.

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Turksat Hybrid STB Project Usage

Content Management System

Vendor payment Calculation

Server Performance Counters

Server Failover Control

EPG to VOD Support

Job Distribution

Transcoding

CMS

MTVP will provide an integrated dynamic content management system that ensures the right content reaches the right viewer at the right time. It includes three modules for different tasks; Workflow Management, Business Rule Management and Service Auditing.

STB Client DVB-C + OTT

TimeShift TV

DLNA

PLTV

HSS Live /VOD Streaming

TVOD/SVOD Content Playing

CLIENT

Erlab STB Client supports DVB-C live channel and OTT live and VoD (HSS+PR) playing functionality and PLTV, Time Shift TV recording functionalities. Also, it supports voice commanded channel zapping and content search.

Middleware

Integration

Multi-Device Management

Sales Management

Reporting Module

Campaign Management

Recommendation

Social Network

MW

NG MTVP MW enables full functionality of a service delivery platform for the digital media services in a given technological or network domain with providing environments for service control, creation, orchestration and integration capabilities.

Streamer

CDN

NG MTVP provides a very flexible content distribution system, it is suitable for any of your requests. Our product supports ten thousand concurrence user requests per node without degradation.

Security

Analytics

Low Latency

Multiple Platform

4K UHD Streaming

Multi Digital Rights Management

DRM

Multi DRM solution provides standard based royalty free solutions for encryption, adaptive streaming, transport, and player software. The DRM platform uses the Common Encryption (CENC) using PlayReady, Widevine, FairPlay and open standard for encryption.

Access Control

Common Encryption

Token based Algorithm

Single Multi-DRM Proxy Solution

Stream Encryption

Ubiquitous Across All Platforms

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