EPAM's Lightning Reference UI for RDK-V

With the rapid number of challengers entering the over-the-top (OTT) market, telecommunication companies are facing increasing pressure to provide an enriched, holistic customer experience for their video products. To stay competitive, multichannel video programming distributors (MVPDs) that need to reduce time to market and offer flexible services should leverage the Reference Design Kit for Video (RDK-V), an open source software that enables varied technology platform choices while still allowing an easily customizable user interface (UI).

By working with a trusted partner like EPAM to integrate RDK-V into existing workflows, your company can create a more immersive user experience that drives engagement, customer satisfaction and ultimately grows your business.
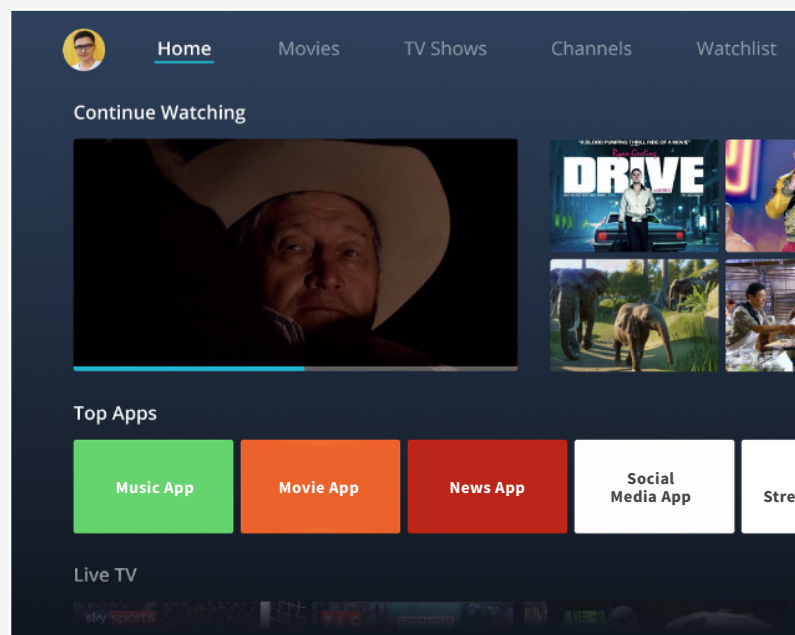
BUILT BY CERTIFIED LIGHTNING DEVELOPERS, EPAM LIGHTNING REFERENCE UI FEATURES INCLUDE:

- Lightning/WebGL UI development
- Reusability across STBs and smart TV platforms
- Configurable UI (multi-lingual, skinnable, layouts)
- Customizable navigation logic and routing across views
- Voice-enabled search and navigation

BECOME A SUPER AGGREGATOR WITH EPAM'S LIGHTNING REFERENCE UI

As an open source software platform, RDK-V enables MVPDs to simplify their UI, accelerate deployment of video-based services and standardize common elements of their products – such as set-top boxes (STBs), back-office services and third-party integrations. When integrating RDK-V with EPAM's Lightning Reference UI, your video product can act as an entryway to all of your customers' favorite content by aggregating metadata across your existing services.

The current fragmentation of the market often causes confusion for consumers. With EPAM's Lightning Reference UI, your customers will be able to navigate seamlessly between thousands of content items across scheduled linear content and video-on-demand (VOD) platforms, as well as between various media, gaming and smart home solutions. The UI is designed to be familiar to users, making the ecosystem easy to navigate while integrating more modern applications and experiences.

USE CASE

Leveraging RDK-V, EPAM has developed software powering 4K STBs for a world-leading international TV and broadband company. Building on top of RDK-V for both their entertainment and in-home connectivity services allowed the provider to use one common data layer, while integrating dozens of Software Development Kits (SDKs) and third-party applications into their ecosystem.

We helped the business design back-end services, RDK-based middleware, OTT applications and implement, UI design and development and end-to-end integration and testing, as well as:

CARRIER-GRADE STABILITY SOLUTIONS

MULTI-HARDWARE DEPLOYMENTS

MULTI-BRAND/COUNTRY SOLUTIONS

60+ FRAMES PER SECOND ANIMATIONS

RDK-V 2-4

ABOUT EPAM

As a leading product engineering firm, we've worked with six out of the 10 largest telecom companies around the world. Explore how we envision and develop innovative, next-gen digital solutions that power personalized commerce platforms, omnichannel solutions and award-winning video and connectivity products that make your home and city smarter:

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GET IN TOUCH TODAY FOR A DEMO OF OUR LIGHTNING REFERENCE UI. CONTACT US!

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