

RDK Overview

Collaborate. Differentiate. Innovate.

What is RDK? RDK is the software that helps run video, broadband, and IoT devices more efficiently by standardizing the software stacks that run on most TV set-top boxes, internet gateways, and IoT devices in the home.

Operating System



Powering the Whole Home



Why RDK? Utilizing open source components, RDK drastically reduces development cycles, encourages collaboration, and enhances innovation.

Over 100 Million devices around the globe rely on free RDK software to power their next-generation video and broadband services. RDK community members continually enhance the RDK stack through collaboration and contributions; that means limitless innovation and unrivaled speed to market for global service providers of all types. While customers enjoy a wider range of innovative products faster, operators maintain complete control over design, development, deployment, and data.

Advantages

- Built for operators, by operators
- No-cost license
- Speed of innovation
- Data ownership
- Open source development
- Robust annual releases
- Continuous community contributions
- Choice of vendors







80M CODEDOWNLOADS/YEAR





70 CONTRIBUTING COMPANIES

Business Benefits of RDK



Design ownership

RDK's modular plug-in architecture enables providers to develop, innovate, and differentiate at the application and services layer, allowing a **consistent customer experience** across all of their RDK devices. Providers benefit from **frequent, robust releases and continuous improvements** that dramatically increase product development velocity.



Control your environment

With RDK, you control your ecosystem. RDK allows you to innovate to meet your product vision, deploy at your own pace, and **control your customer data, apps, and customer experience**. Take advantage of the innovative contributions that come from open sourcing and use **RDK tools to build, test, and deploy on your terms**.



Infinite possibility, zero cost

RDK is a no-cost/royalty-free open source license, providing full transparency into the source code. This allows developers to **efficiently collaborate** on projects with **skilled partners** in the RDK community, **add new features**, and **resolve issues at their own pace** — creating contributions that benefit the entire community.



Easy deployment with RDK partners

Through our partnerships with multiple recruitment organizations, RDK provides access to staffing and resources who are trained, certified, and experienced in working with RDK code. The result? **An easier, faster, lower cost, and more successful transition to RDK**.

The RDK Ecosystem

Leading operators, solution partners, hardware providers, and product developers from around the world contribute to the expanding RDK community. We connect our members to facilitate the best solutions for service providers, their customers, and the entire industry.

Pre-integrated with global platforms	Products	RDK global platform
Scale & direction	Operators	Operators
Customization & integration	Solutions partners	Services & solutions
Pre-integrated hardware	Hardware partners	Hardware
Common software platform	RDK	≣ RDK



