

RDK-B Features

The Reference Design Kit for Broadband(RDK-B) is a standard open source software stack which sits below the applications/services layer and provides a common interface to SoC's acting as a universal SoC adapter that allows portability across hardware platforms. The RDK-B stack provides complex broadband and management functions such as Home Networking, WiFi, and Device Management. Even though almost all present RDK-B deployments are over DOCSIS gateways, its modular design makes RDK-B an ideal choice for a host of different devices like WiFi extenders, voice gateways or IoT platforms.

RDK-B comes with some of the added advantages due to a highly modular architecture which allows the developers to have the provisions for dynamic service discovery, common data model, multiple management interfaces like SNMP, TR069, WebUI. Some of the added advantages of RDK-B are :

- Easy Integration
- Portable
- Extensible
- Secure
- Reduced Cost of Maintenance
- WAN types

RDK-B features can be classified broadly into the following three categories:

- [RDK-B Device Management](#)
- [Broadband Services](#)
- [Middleware Features](#)