November 18, 2021

9:00 a.m. - 1:00 p.m. ET

(Speakers and topics subject to change)

8:30 – 9:00 Virtual Event is open for networking

9:00 – 9:10 Summit Welcome
Glee Abraham, Head of Technical Operations & Engineering, welcomes our attendees to the 2021 RDK Tech Summit with a quick recap of the past year and an outline of the day ahead.

9:10 – 9:30 Keynote
Alex Ball, Director of RDK-B Development at Deutsche Telekom, describes the DT RDK journey, why they selected RDK, challenges faced, and how collaboration with the RDK community found synergies across profiles, allowing Deutsche Telekom to scale.

9:30 – 9:55 GPON Integration
José Ramon Diaz Martinez, Director, Solution Architecture at RDK, explains how RDK-B can be deployed across all access networks, with a focus on the work done to integrate for GPON networks.

9:55 – 10:05 Hackathon Winner: VOIP integration in an RDK-B Gateway
The winning Hackathon team presents their contribution to the RDK Code. Bogdan Bogush, Lead Software Engineer at GlobalLogic will explain the challenges he faced and give a working demo of his winning product.

10:05 – 10:35 Newest RDK-B Offerings
Rob Suero, Head of Technology at RDK, leads a roundtable discussion with Sky and Comcast, addressing inter-device communication, RDK-B for fixed wireless, telemetry, and application lifecycle management.

10:35 – 11:00 Automatics
Naveen Babu Narayanan Nair, Director of Software Development & Engineering at Comcast will dive into Automatics test framework - recently open-sourced and used by Comcast for their end-to-end product validation, and applicable for both RDK-V and RDK-B.

11:00 – 11:05 Break

11:05 – 11:30 Learnings from SoC Ports
An advantage of RDK has been rapid development and deployment across multiple platforms. VP Architecture and General Manager of Asia for Beechwoods Software, Herve Jourdain discusses the learnings from porting RDK to multiple RDK-B and RDK-V SoC platforms, making RDK more accessible across a wider range of operator selected devices.

11:30 – 12:00 Voice Integration
A primary application requested by customers today is voice control. Hear how RDK has successfully connected our software to the Comcast Voice Solution and Amazon Alexa, with Danny Finnegan, Senior Manager, Product Strategy and Engineering at RDK, and Ganesh Prasad Sahu, Lead Engineer at RDK.

12:00 – 12:10 Global Streaming App Update
The range of leading Global Streaming Apps continues to grow with these services among the most utilized in homes. Douglas Adler, Principal Engineer at Comcast, will provide an overview of the Common Port Architecture used for porting native OTT streaming apps to meet the rigorous requirements of the app providers and allow for complete integration across all SoC platforms.

12:10 – 12:25 Fast Channel Change
Nokia is a technology leader across mobile, fixed and cloud networks. Keith Chow, Senior Product Manager, Network Infrastructure – IP Networks, discusses contributions to RDK to enable Fast Channel Change. These improvements maximize channel tune time, minimize packet loss and interference caused by inefficient home networks, and vastly improve the customer experience on RDK devices through various caching and delivery methods.

12:25 – 12:40 Integrating the DTVKit DVB Stack to RDK
The RDK Video Accelerator is RDK's carrier-grade set top box pre-loaded with the latest innovations providing the RDK community the ability to rapidly develop, test, and deliver innovative services. Video Accelerators are now available globally as the core RDK video application reference platform. Jason Nash, General Manager, TV at Ocean Blue Software, discusses the next evolution of the platform with information on a new hybrid device concept.

12:40 – 1:00 Live Q&A

1:00 – 2:00 Event remains open for additional networking