Android Platform

Hedera Innovations’ expertise with Android

Although created for smart phones, Android offers a powerful platform for device manufacturers to develop for a wide range of products including mobile phones, eBooks, navigation devices, tablets, home automation controllers, set-top-boxes, medical or industrial devices, etc.

All of these products require a need to change the user interface to offer customers a differentiated, rich & intuitive user interface and the need to deliver product quickly – but still with quality, market-specific software. Hedera Innovations helps customers achieve both of these.

Why Android?

The Android platform has proved to be highly successful, especially on mobile devices. However, Android is an open platform and uses standard APIs. Android architecture is not just suitable for mobile devices but for any embedded device that has a display and a touch screen, or a mouse. It is suitable for any consumer device, including set-top boxes, TVs, home automation, car navigation system, and multimedia systems.

- Small memory footprint (<10MBytes, if web-kit is not required)
- Proven user interface
- Cross-platform development tools (Linux, Mac, Win- x86)
- Pre-built system utilities and applications, accelerating your time to market
- Fast and flexible new Java architecture
- Application installation manager

- Thousands of developers and applications
- Usage of SQLite for structured data storage
- Vast multimedia support (MPEG4, H.264, MP3, AAC,AMR, JPG, PNG, GIF)
- Software communication stack to work with Bluetooth, EDGE, 3G and WiFi Full Open-Source software platform