



For Immediate Release

PRESS RELEASE

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e-con Systems announces Android BSP targeting handhelds and industrial applications

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e-con Systems Inc., a company specializing in COMs, reference designs, camera modules and camera daughter boards announced its Android BSP support for its reference platform Alioth targeting Industrial applications such as rugged handhelds, Industrial Controllers, In-Vehicle Telematics, Vehicle Mount Systems, Test & Measurement Equipments, etc.

The Android BSP and Stack is customized to support non-mobile peripherals & applications. e-con Systems has added necessary blocks in the HW abstraction layers of Android and has modified and developed necessary Android libraries to enable users access peripherals like the ADC, GPIOs, CAN controllers among others.

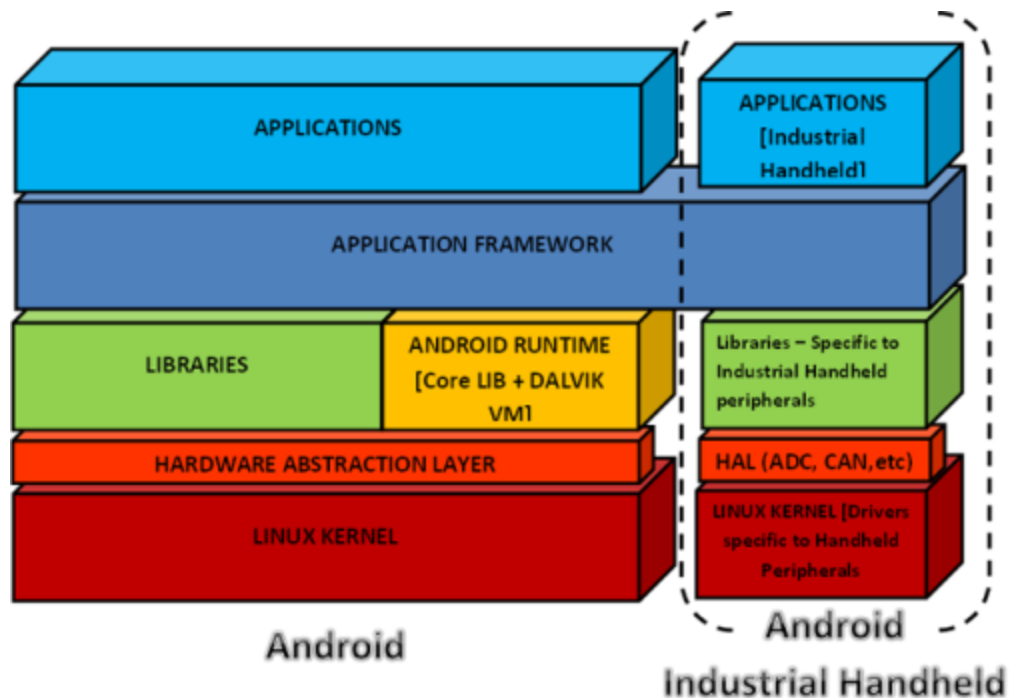


Figure 1 – e-con has developed custom stack for supporting handheld and industrial applications

“Ideally Embedded and Industrial customers would like to have the features of Android and its market place applications at the same time, they also want the low level flexibility in directly accessing the low level peripheral devices such as RS232/RS485 serial ports, CAN Bus, GPIO pins, ADC, temperature and other sensors etc. Using the e-con BSP provided on top of the Alioth platform our customers will get access to a wider peripheral set that are not present in the base Android release. We believe that this will help many customers who are willing to use Android on Rugged handhelds and/or any industrial devices that require a display” said, Ashok Babu, President of e-con.



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Figure 2 – Android on Alioth

The Android BSP provided by e-con supports device drivers and user applications for all the peripherals on the Alioth reference design. Customers choosing to evaluate the BSP, can buy the Alioth evaluation kit from e-con Systems. For more details and documentation, on the platform please see www.e-consystems.com/alioth.asp. Customers can also watch the video demonstration at <http://www.youtube.com/watch?v=xKBN8W1dDjQ>

About Alioth Reference Design Platform

Alioth comes with peripherals that are supported by the eSOM300 on to the carrier board namely, Ethernet, Touch screen, SDIO, SPI, I2C, LCD controller, 3 UARTs, 1 wire, local bus expansion, USB high speed client, camera interface and other peripherals like CAN controller, 8 channel 16 bit ADC controller, Analog VGA, USB 2.0 host and RS485. Optionally, customers can choose to have a LCD of 4.3" (480x272) / 7" (800x480) with Touch screen.

As part of the rapid development kit, e-con Systems provides detailed schematics, hardware user manual, Bill of material, application notes to help the customers design their custom board faster and therefore speed up the time to market. e-con Systems provides a production ready Android BSP for the Alioth rapid development kit. The BSP is available with the device drivers for all peripherals and is completely customizable.

For pricing and online ordering, please visit <http://www.e-consystems.com/alioth.asp> or write to sales@e-consystems.com

About e-con Systems:

e-con Systems, is an embedded product development services company focused on end-end product development. e-con Systems has expertise in mobile application processors including PXA270, PXA320, OMAP™35x and Digital Media Processors DM355/DM365 and has been using its product engineering services to help customers on development of product like digital picture frames, point of sale terminals, video surveillance, Low vision aid equipments, handheld single board computers etc. among others. E-con especially has strong expertise in CMOS image sensor interfacing with various application processors and Digital Media Processors and has also successfully delivered products using its camera expertise that are already in the market.

Besides this, e-con provides systems integration services such as Android or Linux BSP porting solutions and device driver development. Also e-con's design services have been used by customers across the globe for hardware design of their products. Visit <http://www.e-consystems.com/androidservices.asp>.



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