

Altiux announces availability of its Internet of Things (IoT) protocol stacks for constrained devices

Source: Altiux Innovations

Dated: Dec. 05, 2014

Connectivity middle ware that addresses the challenges of securely connecting and managing devices in constrained environments is key to making the Internet of Things possible.

BENGALURU, India -- Altiux, a global innovation and technology services company, today announced commercial availability of their BoXPwr™ Nano and BoXPwr™ Pico IoT protocol stacks designed for use in constrained environments. These BoXPwr™ protocol stacks are available for licensing along with technology services to semiconductor companies, device manufacturers and OEMs developing IoT solutions.

Connectivity middle ware that addresses the challenges of securely connecting and managing devices in constrained environments is key to making the Internet of Things possible. "IoT is at an inflexion point and getting solutions to market first is important to our customers, BoXPwr™ helps accelerate IoT solution development. BoXPwr™ also ensures interoperability through compliance to a wide range of standards such as OMA-LWM2M, IETF, OneM2M and IPSO" said Ravi Lakkundi Senior Product Manager at Altiux Innovations.

Devices ranging from small industrial sensors, wearable devices to customer goods like washing machines will be part of the 20 billion devices that are expected to connect to the internet by 2020. To enable connectivity, manageability and security of these eclectic mix of devices BoXPwr™ is made available in four variants; BoXPwr™ Standard, BoXPwr™ Micro, BoXPwr™ Nano and BoXPwr™ Pico. The Nano & Pico variants are well suited for low power devices like wireless sensors, wearable, E-health monitors, smart appliances, industrial monitoring, smart parking/lighting, remote asset monitoring, home automation etc, while the top of the line variants standard & Micro are full featured with applications in Building automation, smart home gateways etc. BoXPwr™ Standard and Micro are expected to be available soon.

These stacks are currently ported on leading chip-sets like Texas Instruments TI MSP430, ARM Cortex M0/3/4 and Intel Quark and supports OS platforms like Contiki, TinyOS, FreeRTOS, Linux and WindRiver. These stacks can be readily extended to other hardware platforms through our customization services.

About Altiux Innovations:

Altiux Innovations is a product engineering Services Company offering services across hardware, embedded, web and mobile technologies. Altiux is focused on M2M, IoT, Smart Devices, Mobility and Engineering Analytics.

Altiux was founded in 2013 by senior leaders with several decades of experience in product engineering for Fortune 100 MNCs and start-ups. It is funded by BitChemistry Ventures, the technology incubation arm of a \$1B group with presence across 10 countries and 8 industry sectors.

For more information about the Altiux Innovations, visit: <http://www.altiux.com>

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