

Fast and Easy Internet of Everything OEM Development, RoweBots' Unison™ RTOS with Texas Instruments Tiva™ Microcontrollers

WATERLOO, Ontario, Canada, Nov. 13, 2013 (SEND2PRESS NEWSWIRE) – RoweBots Research Inc., a leading supplier in development of solutions for the Internet of Everything (IoE), announced today that it is shipping its Posix-compliant Unison RTOS for the new TI Tiva C series microcontrollers. integrated with a variety of wireless modules based on TI chips. Combined, these components provide developers of machine-to-machine (M2M) networks with out-of-the-box wireless connectivity in just 10 minutes and POSIX applications programming interfaces for fast and easy development.

The Unison RTOS has advanced off the shelf options for Internet of Everything or M2M development using Tiva C. These features include:

- * snmp v1, 2c, 3 for management of many devices and automated device management,
- * split management and applications architectures,
- * remote field service support out of the box,
- * GPS,
- * full security options,
- * and GPRS or 3G.

With these IoE or machine to machine communications features which come out of the box, additional factory options exist for a broad set of additional communications protocols for back end cloud communications.

These features include:

- * RESTful applications,
- * MQTT,
- * LTE,
- * telecoms proprietary implementations,
- * and management and applications billing integration.

This complement of features is unsurpassed for developing and deploying low cost, high volume Internet of Everything applications to many.

RoweBots also offers integrated development services for the Unison RTOS including hardware design and applications development. This one stop shop for microcontroller based Internet of Everything applications provides minimum time to market options along with minimum total cost of ownership for volume products.

Parties interested in learning more about RoweBots Research Inc. M2M or IoE solutions are encouraged to visit the company's website, send an email to questions@rowebots.com, or see RoweBots YouTube channel:

<http://www.youtube.com/user/rowebots>.

About Rowebots Research Inc.:

RoweBots offers complete one stop product development products and services to OEM developers targeting the Internet of Everything or Machine to Machine communication allowing OEM managers to achieve the best achievable time to market and total cost of ownership minimization. The company is based in Waterloo, Canada. For more information, visit the RoweBots web site <http://www.rowebots.com/>.

About The Unison Open Standard:

Unison's open standards, ultra tiny size, modularity and lack of GPL contamination are the key features which substantially reduce system development risk, cost and time. OEMs can use the industry's preferred operating system APIs and still utilize tiny, low cost MCUs without fear of contaminating their applications, doing extensive optimization, retraining their staff and redeveloping existing POSIX and Linux applications. Unison V5.2 is (http://rowebots.com/products/unison_rtos) hosted on Linux, Windows® XP, Vista®, System7® and System8® for x86 platforms.

Trademarks: Unison is a registered trademark of RoweBots Research Inc. All other product and company names are the trademarks of their respective owners.

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