FOR IMMEDIATE RELEASE

RoweBots Unison RTOS Supports NXP I.MX Processor Family

WATERLOO, Canada **— May 23, 2016** — RoweBots Limited, a leading supplier of tiny, embedded, Linux-compatible real-time operating system (RTOS) products, today announced, for the first time, the availability of its Unison™ OS software components for NXP I.MX. These components provide out of the box support for embedded applications with deterministic response and tiny memory footprints.

High speed design is challenging, with many using system on module (SOM) products running embedded Linux. However, the Unison RTOS alternative supports improved real-time performance with easy application portability. Using native open standards-based APIs, and deterministic real-time scheduling with a tiny memory footprint and zero boot time, Unison achieves notable cost improvements though lower-cost SOMs while improving performance on the same hardware.

Unison RTOS comes with several packaging options to support various application areas including wearables, instrumentation, vechicles, home automation, industrial automation and others. The overall system supports a broad set of peripherals including: comprehensive networking and security, file systems, SQL database, QT graphics, usb, camera and video, serial, Wi-Fi, Bluetooth, mesh networking, low-power wireless protocols, IoT protocols, 2G, 3G and satellite networks.

Unison RTOS offers heterogeneous multicore processing using thin wires or shared memory. These features along with the simple system architecture make Unison an ideal choice for secure systems. Additional security features include: TLS, IPSec / VPN, HTTPS, Secure wireless links, SFTP, SSH, Secure email, Secure bootloader with automatic fallback, SNMP v3, and Filtering—all with a tiny footprint.

Evaluation using either the RIOT board or Variscite boards and SOMs is fully supported at no cost. Royalty free licensing for the Unison RTOS starts at $999 USD.

About RoweBots

RoweBots is developing the next generation of modular system on chip ultra-tiny embedded Linux software for embedded OEM for the Internet of Things and M2M communication for a broad set of embedded applications. The company is based in Waterloo, Canada. For more information, visit the RoweBots web site www.rowebots.com.

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