ORBexpress Extends Support to QNX Neutrino RTOS 6.5

Objective Interface Systems announced that its ORBexpress product supports the QNX Neutrino Realtime Operating System (RTOS) 6.5. OIS is a long-time partner of QNX Software Systems Limited, and the ORBexpress communications middleware framework supports the QNX Neutrino RTOS on a variety of ARM, Power and x86 processors.

The QNX Neutrino RTOS is a full-featured and robust RTOS that scales down to meet the constrained resource requirements of real-time embedded systems. It also provides a field-proven strategy for migrating from single-core to multi-core processing. The QNX Neutrino RTOS 6.5 offers symmetric multiprocessing (SMP) on ARM, Power and x86 processors, and can support SMP on processors with up to 32 cores, providing massive scalability for compute-intensive applications.

ORBexpress complements the proven multi-core capabilities of the QNX Neutrino RTOS. The ORBexpress communications software fully supports multi-threading for achieving concurrency by making more efficient use of shared resources. Using ORBexpress and the QNX Neutrino RTOS, developers can add multiple cores for increased performance without having to rewrite their applications.

As leaders in the software defined radio (SDR) market, OIS and QNX Software Systems have a variety of common customers around the world. Using both OIS and QNX products can be particularly beneficial in markets such as SDR, medical, and automotive where performance, reliability and code quality are critical.

“The efficiency and symmetric multiprocessing of the QNX Neutrino RTOS provides an ideal operating system foundation for ORBexpress,” said Joe Jacob, Senior Vice President, OIS. “Together, the QNX Neutrino RTOS and ORBexpress offer customers an integrated, turn-key solution intended to solve their embedded programming needs for the rapidly changing multicore landscape.”

“We are delighted to work with a company like OIS, which has long been recognized for its fast, robust middleware,” Linda Campbell, Director, Strategic Alliances, QNX Software Systems. “The continued ORBexpress support for the QNX Neutrino RTOS helps ease multi-core migration for our customers.”

For more information and product evaluations, visit www.ois.com [1].

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