IntervalZero

Product Release Notice

RTX 2011 with Service Pack 1

- **Product Released to Channel Partners on Aug 19, 2011.**
- **Product Released for General Availability on Aug 24, 2011.**

PRODUCT OVERVIEW:

IntervalZero, Inc. announces the release of Service Pack 1 for our market-leading RTX software – RTX 2011.

Service Pack 1 for RTX 2011 is supported on Windows 7, up through SP1, including Windows Embedded Standard 7, up through SP1; Windows Vista, up through SP2; Windows XP SP3; and Windows Embedded Standard 2009.

 Release highlights:
- RTX 2011 SP1 provides support for Intel's Advance Vector Extension (AVX), improving floating point calculations with new 256-bit instruction set extensions to SSE.

 IntervalZero's RTX software outperforms DSPs/FPGAs and radically reduces the development costs for systems that have a sophisticated user experience and also require hard real-time.

RTX is an essential component in innovative Soft-Control Architectures that leading OEMs are rapidly adopting to achieve system-development cost reductions of 25 to 50%, as well as breakthroughs in throughput and yields, in production quality, and in a more compact physical footprint.

By leveraging RTX's tight integration with the Microsoft Windows environment and its native SMP support on x86 multiprocessors, OEMs get Soft-Control Architectures that move the hard real-time control logic, such as programmable logic control, motion logic, and digital media algorithms, from specialized hardware components – FPGAs and DSPs – to software components.

New Features and Updates:
RTX 2011 includes the following new features and updates:
- Added support for the new Intel Advanced Vector Extension (AVX).

- Added additional functionality during the full installation to allow users to set the number of Windows and RTSS processors on a multiprocessor system.
- Added new functionality to force the growth of the local memory pool.
- Included the Rt8257x and Rt82580drivers as part of the product installation.
- Included the Virtual Network Adapter as part of the product installation.
- Added a help button or menu item and F1 support for all RTX tools.

Bug Fixes:

- Fixed an issue where converting RTX devices confused Windows resulting in interrupts not attaching correctly.
- Modified local memory pool logic to notify users when it fails to allocate memory
- Modified memory options to select how the local memory pool should grow (automatically or manual).
- Resolved an issue where the debugged the process and thread would show up as running on different processors.
- Resolved an issue with the IntelPro1000 Managed code sample.
- Resolved and issue with structured exception handling on a shared configuration.
- Modified the installation guide to be clearer about the creation of an addition configuration when on a multiple processor system.
- Remove obsolete sample application from the RTX embedded.
- Resolved an issue with installation.
- Resolved an issue where the Control panel/Properties API had an unnecessary dependency that caused USB to depend on the TCP/IP stack.
- Resolved an issue where the Silent installation did not provide error information if incorrect command line parameters were provided.
- Resolved an issue where ObjectViewer did not display all RT-TCP/IP Events.

Availability

RTX 2011 Service Pack 1 is available beginning Aug. 19 through Partners and by contacting Sales: sales@intervalzero.com or (781) 996- 4481.

We look forward to comments and feedback. If you have any other recommendations or wish to suggest any enhancements to IntervalZero, please contact Sales at sales@intervalzero.com or Product Management at: ProductManagement@intervalzero.com.