

FOR IMMEDIATE RELEASE

VSC Delivers μ C/OS-II™ based Processor Support Package and DO-178B Level B Avionics Validation Suite™ for Freescale i.MX536™

Carlsbad, California, November 4th, 2013, Validated Software Corporation (VSC), the leader in affordable safety-critical embedded software validation and certification solutions for Micrium's μ C/OS-II™ real-time operating systems (RTOS), released their μ C/OS-II DO-178B Level B Avionics Validation Suite™ for Freescale's i.MX536 featuring the ARM Cortex A8 core.

In addition to μ C/OS-II certification artifacts, the Validation Suite also includes the certification artifacts for the broad set of drivers, low-level software and μ C/OS-II port that VSC provided earlier in the project.

The drivers and low-level software making up the processor support package (PSP) are supplied from VSC's own family of portable software products and include Valid-485™, Valid-CRC™, Valid-I2C™, Valid-SPI™, Valid-NAND™, Valid-NOR™, unified interrupt installation and handling facility, and boot loader. All members of the Valid™ family are certifiable to the top level of numerous safety-critical standards.

Together with the application code, the complete package will be used to certify instrumentation software used in many fixed and rotary wing aircraft.

First released in 1999, Validation Suites blend the benefits of a proven off the shelf solution with the convenience of a custom offering. VSC Avionics Validation Suites contain a complete set of DO-178B or DO-178C compliant software development life-cycle and test evidence for μ C/OS-II and PSP software. Validation Suites are hardware tested for each processor and delivered DER ready. Delivered in sixty days or less, each self-contained Validation Suite fits seamlessly into any project or program. No additional or special tools are required to use a Validation Suite.

In addition to its RTCA DO-178C and DO-178B compliant Avionics Validation Suites, VSC offers a full line of μ C/OS-II Validation Suites for the Freescale Cortex and MPC based micro-processors used in medical, transportation and industrial equipment.

About Validated Software

Validated Software Corporation provides FAA, FDA, and IEC compliant validation and verification tested products for software components used in safety-critical systems for leading aerospace, medical, industrial, and nuclear equipment. VSC also provides platform software; board support packages (BSPs); custom test suites and solutions for proprietary software used in safety-critical systems. For more information about this exciting product line, visit us on the web at: www.ValidatedSoftware.Com

Media Contact:

Todd Brian

+1.760.230.5298

Email: TBrian@ValidatedSoftware.com

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