

Validated Software Corporation

Press Release

Validated Software Announces a Safety-Certifiable Software Foundation for TI's TMS320 DSPs

San Jose, CA, March 12, 2003 [PRNewsWire] – Validated Software Corporation, (www.ValidatedSoftware.com) the leader in affordable safety-critical certification packages for commercial-off-the-shelf (COTS) software, today announced that they have joined the Texas Instruments (TI) Digital Signal Processing (DSP) Third Party Network to provide DSP developers with a safety-certifiable software foundation specifically tailored for TI's TMS320 DSPs used in avionics, transportation, medical and other safety-critical applications.

As a valued member of TI's third party network, Validated will offer its DO-178B and IEC-61508 Validation Suites on TI's TMS320C6000™, TMS320C5000™ and TMS320C2000™ DSP platforms offering developers a safety-certifiable software foundation that meets strict certification acceptance requirements from the US Federal Aviation Administration ([FAA](#)), Joint Aviation Authorities ([JAA](#)), UK Civil Aviation Authority ([CAA](#)), US Food and Drug Administration ([FDA](#)), [TÜV](#) and other safety certification agencies.

“This eliminates one of the most fundamental, yet time consuming barriers to deploying complex software systems in safety-critical projects,” said Ray Wagstaffe, Worldwide third-party marketing manger, TI. “Now developers can immediately focus on building innovative products and applications around TI DSPs by using Validated's prepackaged solutions.”

Validated's RTCA DO-178B and EUROCAE ED-12B Validation Suites are specifically designed to rigorously assess and verify all software components prior to silicon implementation, especially in safety-critical systems. These Suites are currently available and contain a complete set of design, requirements, tests (in source code), code coverage and traceability documents. Support is also available for all levels of DO-178B and ED-12B, including the most difficult, Level A.

Current operating systems supported are MicroC/OS-II and MicroScheduler from Micrium, and ChronOS from InterNiche. However, more operating systems and COTS software components are planned for release later this year.

About Validated Software

Validated Software Corporation provides FAA-, FDA- and IEC-compliant Validation and Verification Suites for software components used in safety-critical systems. Validated also provides custom test suites and test solutions for proprietary software used in life-critical systems. Validated is on the web at www.ValidatedSoftware.com.

About the Texas Instruments Third Party Program

Validated is a member of the TI TMS320™ third party program, the most extensive collection of global DSP development support in the industry. With more than 500 independent companies and consultants, TI's customers have easy access to a broad range of application software, development hardware and software and consulting services. For more information on the TI third party program, please visit www.dspvillage.ti.com/v5

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