

# 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](http://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](http://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](http://www.dspvillage.ti.com/v5)

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