

PragmaDev launches RTDS V3.1 the most advanced SDL tool on the market.

Paris - France - January 30th, 2006 - *PragmaDev* launches *RTDS V3.1*, the most advanced tool based on the International Telecommunication Union **SDL** standard used for more than 20 years to specify telecommunication protocols.

Real Time Developer Studio 3.1 introduces more than 50 new features making it the most complete and versatile software development tool for real time and embedded applications supporting C, C++, SDL, SDL-RT, and UML in a single environment.

Among the latest release main features are:

- **Composite states**
RTDS 3.1 is the first tool on the market to support SDL'2000 composite states. This feature introduces the concept of state hierarchy in the behavior diagram ideal for high level descriptions.
- **SDL to SDL-RT translation**
Any SDL system can be translated to SDL-RT for optimized code generation and graphical debug on target.
- **OSE Epsilon integration**
SDL-RT generated code is now directly integrated with OSE Epsilon, the highly optimized static RTOS from ENEA Embedded.
- **Shortcut text**
Graphical diagrams have never been clearer now that it is possible to hide the detailed contents of any symbol.
- **Automatic test scripts**
The SDL Simulator and the SDL-RT debugger can run test scripts automatically in graphical mode or in command line mode.
- **Optimization**
Project loading and Simulation byte code generation have been optimized to handle very large systems.

About PragmaDev

PragmaDev is a privately held company based in Paris France that provides a set of tools for the development of real time and embedded software: *Real Time Developer Studio*.

Real Time Developer Studio technology was one of the winners of the 2001 edition of the national competition on innovative technologies organized by the French ministry of research.

Customers include Airbus, Alcatel, Thomson, the French Army, Nortel Networks, Korean Telecom, and LG Electronics.

About SDL

SDL (Specification and Description Language) is standardized by ITU (International Telecommunication Union) as Z.100 to specify telecommunication protocols.

SDL can be found on <http://www.itu.int>.

About SDL-RT

SDL-RT (Specification and Description Language - Real Time) is the real time extension to SDL. It introduces the missing concepts in SDL such as semaphores manipulations and embedded C language gathering the original languages benefits:

- **Graphical representations**
- **Object orientation**
- **Precision**



Version 2.0 introduces UML (Unified Modeling Language) support.

SDL-RT is free and available on <http://www.sdl-rt.org>.

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