

PragmaDev and Indes partner to offer leading UML / SDL-RT development suite in the Benelux countries.

Paris - France - October 22nd, 2003 - PragmaDev, the leading provider of UML / SDL-RT development tools has selected INDES-Integrated Development Solutions BV as their partner for the Benelux market.

The UML/SDL-RT tool suite named Real Time Developer Studio is based around the SDL-RT standard that has addressed the requirements that developers of Real-Time Embedded Systems have when using classical UML or SDL languages. For the first time embedded system developer can benefit from the combined advantages of using UML, SDL, C and C++ in one integrated environment, also offering true automatic code generation and integrated embedded debugging.

A drawback of the Classic UML and SDL environments has always been the lack of embedded and real-time concepts in the languages and tools. This resulted in big problems with automatic code generation, system integration and debugging.

SDL-RT is the real time extension to well-known graphical language SDL from ITU used for years in the telecommunication industry to specify protocols. It introduces the missing concepts in SDL such as semaphores and embedded C language to fit the real time developer needs, keeping the original languages benefits. V2.0 introduces the UML class diagram and UML deployment diagram with specialized SDL symbols.

By implementing the SDL-RT standard, Real Time Developer Studio brings the power of UML and SDL methodology to the mainstream users. The efficiency of the tool suite allows the resulting code to be used on even 8 / 16 bit CPU's and is tightly integrated with the leading RTOS's like OSE, VxWorks, CMX, Linux and Windows/ WinCE.

Pricing for the full RTDS tool suite including design entry, simulation, MSC charting, debugging and automatic code generation is below Euro 10k.

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.

PragmaDev is an Altium, Atos Origin, CMX Systems, OSE, OSS Nokalva, Mentor Graphics, Sun Microsystems and Wind River Systems active partner.

For more information, please visit PragmaDev web site at <http://www.pragmadev.com>

About SDL-RT

SDL-RT (Specification and Description Language - Real Time) is the real time extension to well known SDL (Specification and Description Language) standardized by ITU (International Telecommunication Union). 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>.

About Indes-IDS.

INDES - Integrated Development Solutions BV is based in the center of the Benelux. It offer best-in-class integrated tool suites and software components for the development, testing and debugging of Real-Time embedded systems. Next to PragmaDev the company also has exclusive partnerships for the Benelux countries with ENEA Embedded Technology (known from the OSE RTOS), Metrowerks, iSYSTEM and FutureSoft. Existing customers include both small and midsize companies as well as major accounts like Alcatel and Philips.

For more information please visit <http://www.indes.com>.

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