

PragmaDev and TASKING to setup technical partnership.

Paris - France - September 2nd, 2002 - *PragmaDev* has established a technical partnership with *Altium Limited (ASX: ALU)* in order to integrate *Real Time Developer Studio*, *PragmaDev* set of tools for the development of real time and embedded software, and *TASKING*, *Altium* industry-leading brand of tools for embedded software development.

Real Time Developer Studio is based on SDL-RT graphical representations of traditional concepts used in real time domain without leaving behind legacy code and years of experience. *Real Time Developer Studio* generates full application code out of SDL-RT design embedding RTOS system primitives such as VxWorks, Posix, CMX RTX, and Win32.

The *TASKING C166/ST10* toolset is one of *Altium's* most popular embedded software toolsets and is commonly regarded as the de facto industry standard for C166/ST10 development worldwide. It includes the intuitive, award-winning *TASKING Embedded Development Environment (EDE)*, fast and efficient C++/EC++/C/MISRA C compiler, the *CrossView Pro* debugger, powerful linker/locator and assembler as well as support for all derivatives within the C166/ST10 target architectures.

The connection between *PragmaDev's Real Time Developer Studio* and the *TASKING C166/ST10 Cross-View Pro* debugger will allow graphical debugging in the SDL-RT diagrams and at C level, as well as graphical traces based on SDL-RT MSC diagrams. C166/ST10 instruction set simulator will allow to graphically debug at SDL-RT level cross-compiled applications on host without any hardware required.

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*. It is the first commercial off the shelf tool based on SDL-RT graphical language to develop real time and embedded software

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.



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 to SDL such as semaphores manipulations and embedded C language gathering the original languages benefits:

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



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

About Altium Limited

Altium Limited (ASX: ALU), trading as Protel International Limited (ASX: PRI) prior to August 6, 2001, is a leading global developer and supplier of desktop electronic design automation (EDA) and embedded software design tools for the Microsoft Windows environment.

Since the Company's foundation in 1985 and its release of the world's first Microsoft Windows-based EDA tool in 1991, Altium has continued to apply the most advanced software design methods to provide powerful, easy-to-use and affordable design software to engineers and electronics designers worldwide.

Altium's current product brands include Protel, P-CAD, TASKING, Accolade, CircuitMaker and CAMtastic!. These products offer tailored solutions covering a range of hardware and software design processes.

Altium is headquartered in Sydney, Australia, and operates a number of sales and support offices in Australia, the United States, Japan and Europe – as well as maintaining a large reseller network in all other major markets. More information about the Company and its products and services may be obtained from our new website at <http://www.altium.com>.

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Contact

Emmanuel Gaudin
PragmaDev
tel: +33 1 42 74 15 38
<http://www.pragmadev.com>