

# Airbus selects CS and PragmaDev for the development of its Air Traffic Control software.

Paris - France - 7<sup>th</sup> September 2009 - *PragmaDev* announces *Airbus* has selected *CS* as its prime sub-contractor for its expertise in the safety critical domain, and *PragmaDev* modeling tool suite based on international standards, for the specification and design of the Air Traffic Control (ATC) software embedded in its aircrafts.

Legacy SDL models could be imported in PragmaDev tool suite to work on future versions of the ATC. PragmaDev has made the necessary adaptations to perfectly fit in Airbus technical environment including connection to external software modules and graphical user interfaces simulating the Air Traffic Control environment.

"We were assigned by Airbus to look for a technical solution that would support legacy SDL models and integrate in the existing software workbench that includes a certified code generator. Among the main criteria, it was important to establish a last long partnership to secure the investment. After two years of evaluation PragmaDev solution appeared to be the best one on the technical aspect as well as on the financial aspect. We are very satisfied we have set up this constructive partnership with an innovative company" says Eric Saves, contract manager at CS.

"RTDS -Real Time Developer Studio- is today the most advanced SDL tool on the market. The possibility to import existing models allows to secure legacy code and to benefit from a state of the art tool as well as to open up to the latest modeling technology such as UML and SDL-RT. We are very proud to participate in the development of the next generation of European aircrafts" says Emmanuel Gaudin, PragmaDev CEO.

## About PragmaDev

*PragmaDev* is a fast growing privately held company based in Paris France that provides a set of model driven tools dedicated to 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, ESA, Toshiba, and LG Electronics.

## About CS

Designer, integrator and operator of mission critical systems. Rise to the challenges of its customers for design, integration and operation of innovative turnkey systems – that is CS's mission. CS expertise in mission critical applications and systems makes it the partner of choice in major economic sectors, such as defense & security, aerospace, transportation, energy and industry. CS offers an integrated, comprehensive approach all along its French, European and worldwide customers' value chain in order to meet their high-stakes challenges.

## 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 integrated with UML (Unified Modeling Language) concepts. It introduces in particular the missing concepts in SDL such as semaphores manipulations and embedded C language gathering the original languages benefits:

- **Graphical representations**
- **Object orientation**
- **Detailed behavior**



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

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