Request for Interest in Licensing Software Defined Radio Technology

The Communications Research Center Canada of Industry Canada is interested in licensing its Software Defined Radio (SDR) technology, called the SCARI Software Suite, to a limited number of companies that will commercialize the technology. This is a unique opportunity to license world-class, proven technology that is deployed around the world.

Description of the Technology

The SCARI Software Suite is the most comprehensive Integrated Development Environment (IDE) for SDR on the market. Used internationally by platform and radio manufacturers as well as application providers, the Suite reduces development risk and the time-to-market, to obtain top-quality SDR products.

The SCARI Software Suite will be provided in source-code form and includes:

A. SCARI++ Core Framework (CF): The CF is a proven solution for commercial off-the-shelf (COTS) platform providers. The CF being licensed runs in a Linux environment using an open source Object Request Broker. The CF offers APIs to enable it to be customized to run on different hardware platforms.
B. SCA Architect: The platform-independent, Eclipse-based development environment that creates, validates, and debugs components and applications in a single project.
C. Component Development Libraries: This provides a set of generic functions that greatly simplifies code generation and significantly reduces memory requirements.
D. Radio Manager: A platform run-time monitoring tool to install and control applications, as well as visualize deployment strategies.

For more information, please see the SCARI Overview PDF.

License Agreement Terms

The technology will be licensed under the following key terms:
- Worldwide, non-exclusive, royalty-free license with the right to reproduce and modify the technology;
- No restrictions on the application domain;
- The ability to sublicense under certain conditions;
- A one-time license fee;
- Basic technology transfer of the source code "as is" with no ongoing support;
- Five-year license term with conditional automatic renewal.

Interested parties may request the complete SCARI Software Suite License Agreement by emailing tto-btt@crc.gc.ca.

Considerations in Licensing

As mentioned above, this technology has been deployed on a commercial basis with clients around the world, and it currently runs on a number of proprietary hardware platforms. CRC will no longer be involved in direct commercial activities, but wishes to license the technology to other companies that

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will enhance, integrate and evolve the technology, plus market and sell it to end-users as part of the companies' own products.

CRC's intent is to license this unique technology to a limited number of companies. As such, after reviewing the complete license agreement, interested parties are asked to please contact us with a notice of intent indicating the following information:
- Your company's contact information and the name of the person authorized to sign the license agreement;
- An indication of what you plan to do with the technology and how you plan to evolve it;
- What interest and/or plans you might have for supporting an existing base of clients;
- An acknowledgement of your acceptance of the terms and conditions of the license agreement.

All interested parties will be considered and will receive a response. Please indicate your interest in licensing this technology by emailing tto-btt@crc.gc.ca.