

Arcticus Systems AB

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LETTER OF INTENT

Arcticus Systems AB gives its full support to the ARTES-application for the project Real-time Software for Versatility, Scalability and Reconfigurability in Complex Embedded Feedback Control Systems proposed by the Department of Machine Design and the Center for Autonomous Systems, both at KTH. This letter of intent also describes how Arcticus Systems AB will contribute to the project.

Arcticus supports the project by providing, free of charge, the Rubus real-time operating system accompanied by the development tools in the Rubus Product Line. Rubus is aimed for applications which have high demands on safety and reliability. In addition to the product line itself the company has valuable experience in the development of real-time software which is expected to be useful in the proposed project.

Relevance for Arcticus Systems

Arcticus Systems is a small company that develop and sell real-time operating systems and development tools. As a small company it is of utmost importance to have collaborations with research institutes to be competitive. The company profile is to be on the forefront of state of practice and the company is thereby an excellent cooperation partner for the scientific community. A new scientific foundation regarding software architecture including experimental implementations, as outlined in the proposal, is expected to give valuable input for future development of the company products.

Commercial motivations

As a small company with small resources collaboration and co-operation are needed to be competitive on the market. The key factor for success is competence and the reason for that is the fast technical development in this area.

A more detailed presentation of Arcticus Systems AB is presented in an enclosure.

Arcticus Systems AB



Kurt-Lennart Lundback

President