

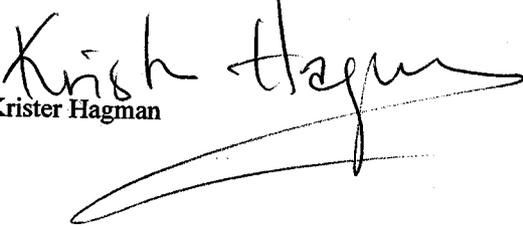


ARTES project 0005-19  
2000-06-09

**This is a support letter for the project RATAD - Reliability And Timing Analysis of Distributed systems**

ABB Automation Products AB develops control equipment for electrical networks. This kind of equipment is vital for the society since a failure may result in a major loss of electricity. The equipment that is nearest to the network has very high real-time demands on sampling and calculation of the current status of the net. Currently we are using testing to verify the timing and reliability of the system. To save time and effort, and as a quality measure, we would very much like to complement the testing with other analysis. Assuming a pessimistic worst case in the analysis will most likely lead to a too costly design. We believe that the proposed simulation approach where the failure semantics can be specified could lead to more appropriate analysis, potentially of very high interest to us. We therefore support the project strongly and are willing to interact with the researchers, as well as providing case studies for evaluation of the proposed methodology

ABB Automation Products AB

  
Krister Hagman