Faculty Research Grant Closing Report for
“Multilevel Secure Data Stream Management System”

PI: Raman Adaikkalavan, Computer Science and Informatics

- Description of grant-supported activity.
  This grant provided funding to support my research in Multilevel Secure Data Stream Management System during the summer of 2011. During summer we worked on developing and formalizing a model and language for processing multilevel continuous queries based on the replicated architecture. We did the initial work on the designing the scheduling strategies for multilevel continuous query processing. We also worked on the prototype development and conducted experimental evaluations to study the overhead due to multilevel secure query processing. We are currently working on sending an extended proposal to the National Science Foundation based on the research findings.

- Were you able to complete the project? Describe any difficulty you had.
  Yes. I was able to complete the above discussed tasks without any difficulties.

- Did, or will, the project result in a specific product -- a manuscript, composition, syllabus, etc? If so, please describe and indicate state of development.
  Yes, it did result in an external funding proposal and paper submissions to conferences.
  - The extended version of the above article has been submitted to a top tier journal in December 2011
  - We are also finalizing another journal article based on the task 1 described in the proposal and we will be submitting it in January 2012
  - I will be submitting an NSF proposal this January 2012