Activity Report: Suhas AGGARWAL Period: October 2010 – March 2011 Ref: CISTER/BI/02/10

work under SENODS Project (CMU-PT/SIA/0045/2009)

The report summarizes the research activities carried out by Suhas Aggarwal as a researcher of the Research Center in Real-Time Computing Systems IPP-HURRAY/CISTER (FCT UI 608).

The activities were focused on the study of wireless sensor networks architectures for large-scale environmental and power data gathering in a data center.

Details of activity:

- a. Study of different architectures suitable for large-scale data gathering in a data center.
- b. Study of protocols applicable in the architecture.
- c. Identification of available software implementations suitable for the architecture.
- d. Analysis and test of available software.

Eduardo Tovar

(Grant Supervisor)

Suhas Aggarwal

(Grant Holder)