

Sensor Networks Everywhere



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Example Applications

- Monitoring of the physical world.
- Acting to changes in real-time.
- Various statistics about the environment.

Problem

Heterogeneous sensor networks which are not integrated and use incompatible technologies.

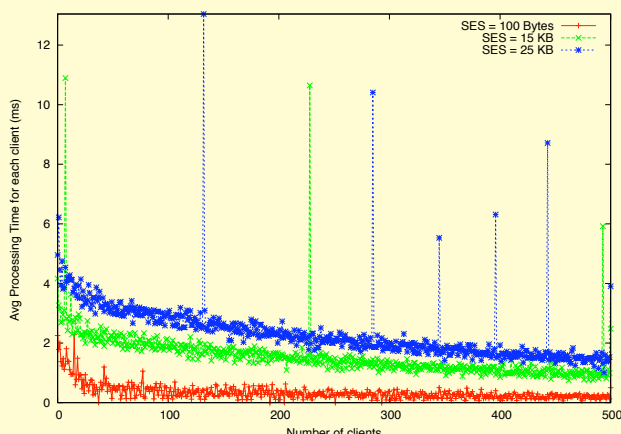
Our vision : Sensor Internet



**NOTIFY SMS://0786810931 WHEN
SELECT TEMPERATURE FROM CHAMBER
WHERE TEMPERATURE > 10 [LAST 10 MIN]**

Our Solution

- Zero-programming sensor network setup.
- Declarative description of sensor setup.
- Global discovery of sensor networks.
- On-the-fly reconfiguration.
- Very Light : less than 2 msec processing time per client while handling 500 requests.



All Implemented & Tested

<http://globalsn.sourceforge.net>

Supported Hardware : TinyNode, Mica2, Mica2Dot, WiseNodes, Texas Instruments RFID readers, Alien Technology RFID readers, OV511 Chip wired cameras, Axis Wireless Cameras, and many more.

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