Context Aware Services

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Motivation

• Mobile phones are extremely popular and offer a great opportunity for offering new intelligent embedded services to the user in real time.

• A truly pervasive and ubiquitous system must be sensitive to context and location.

• It would be created a system that could determine the user's circumstances or context.

• Then, it can change its behavior in function of its user’s context (the mobile intelligent phones)
Context and location aware services can create value to the users, increase productivity (find the right solution) and enhance the life quality.

Ubiquitous computing can benefit from WSNs from the perspective that sensed data can be used instead of the user without explicit intervention, turning ubiquitous computing into a reality.

Internet connectivity in WSNs is highly desirable, featuring sensing services at a global scale.

It is foreseeable that any object in the near future will have an Internet connection – this is the Internet of Things vision.