



Blob Sensor

Ahmed Elsaify

Julien Pansiot

Pervasive Computing and Sensing

Department of Computing

Imperial College London

Blob Sensor Platform

- ❑ 500MHz DSP, 1000MIPS
- ❑ 32Mb SPI Flash ROM
- ❑ 256Mb SDRAM
- ❑ RTC (milliseconds), Timer resolution in 10 nanoseconds
- ❑ Power consumption: active = 100mW & Sleep = 1mW
- ❑ BSN connector
- ❑ 1.3 Megapixel Image Sensor with up to 30 fps
- ❑ WLAN 802.11g
- ❑ Operating System: Open Source uClinux
- ❑ Full API support for many applications for easy use and programming



Application Demo

