MiMOSA

SUMMARY

"Smart Sensor System Architecture in Mimosa"
Dr .Iiro JANTUNEN, Nokia Research Center, Finland

Definition of smart sensor systems. Open architecture for smart sensors in Mimosa with public and open Simple Sensor Interface (SSI) protocol. Open networking between sensors and terminals with nanoUDP/nanoIP protocol. Open source implementations of SSI and nanoUDP/nanoIP and open API:s for developing applications using smart sensors in Symbian phones or Linux. Mimosa - a flexible architecture for smart sensors over wired or wireless connection. Bluetooth LEE (low end extension) as a radio interface for smart sensors. RFID sensor tags implemented.