



Cambridge Wireless
Short-range SIG
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Near-field communications

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introduction – our interest in NFC

- TTP develops novel products and services for a wide range of markets
- NFC/RFID are key tools that we use for wireless communication, offering:
 - low cost
 - battery-free operation
 - proximity detection
 - ease of use
- today will cover:
 - state of the art in RFID and NFC technology
 - inc. 13.56MHz “standard” NFC and mobile
 - interesting applications across many sectors
 - (when) will we see mass-market NFC mobile phones outside Japan?
 - do we need NFC anyway?
 - some case studies

DoCoMo, Cambridge Temperature Concepts

DoCoMo

- use Felica NFC to enable easy upload of sensor data
- example: pedometer
- marketed to enterprises as part of an mHealth / wellness platform

Cambridge Temperature Concepts

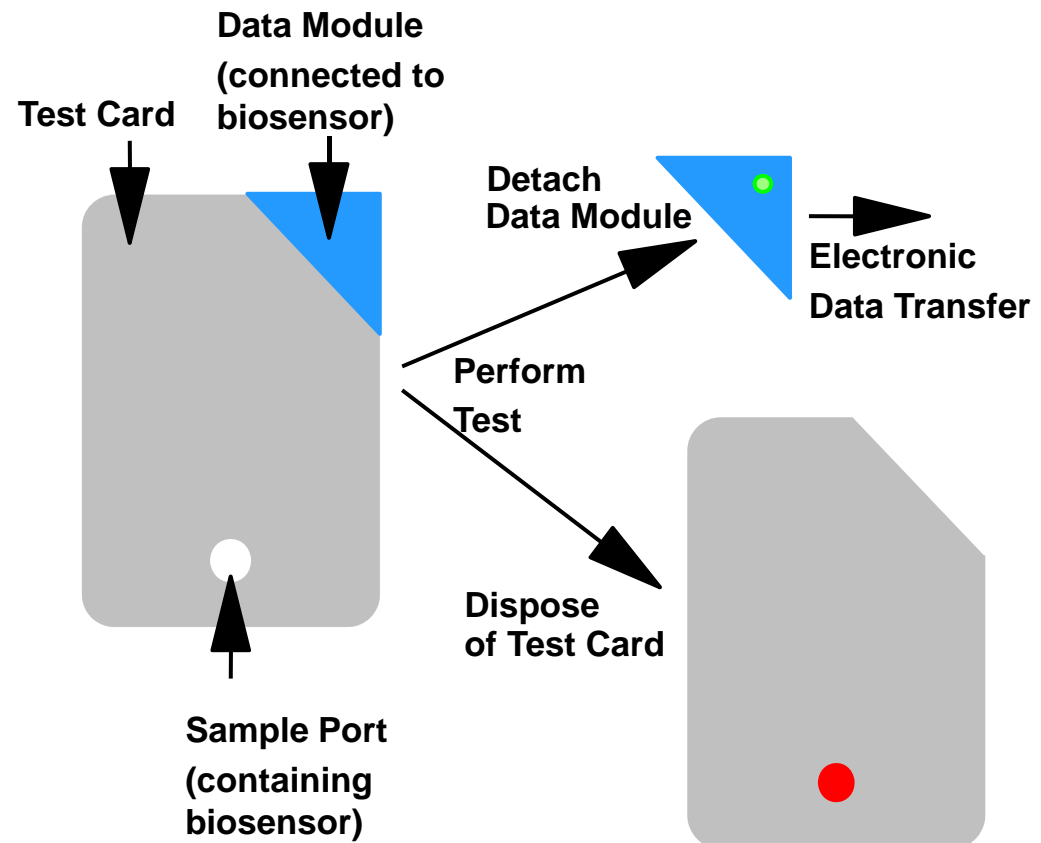
- temperature sensor worn under arm used to measure basal body temperature for fertility applications
- NFC enables miniature, low-power sensor
- see Jonathan Hayes today

SmartSensor – low-cost PoC diagnostics

SmartSensor teled

- founded 1999 by James Jackson to develop novel point-of-care diabetes test
- smartcard incorporates a biosensor linked to detachable data module
- convenience and low cost of in-home testing
- lab test quality
- secure, automated health record connectivity

SmartSensor
teled



Tagtec

- motion detection for high-value assets using proprietary NFC
- cheaper and lower power than RTLS
- movement of tag immediately raises alarm
 - no need for gates
 - people, objects can move freely



today's agenda

- Antony Rix of TTP
- Michael Lawton of Agilent Technologies
- Neil Garner of Proxama
- John Hillan of Qualcomm
- Peter Preuss of Nokia
- panel session chaired by Peter George of Anritsu
 - break –
- David Wollen of Innovision Research and Technology
- Patrick Waters of Vodafone
- Ben Whittaker of Masabi
- panel session chaired by Antony Rix
 - Founder Members' Dinner – all welcome to the drinks –

The Technology Partnership

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