Mobile Authentication and Transaction System (MATS)
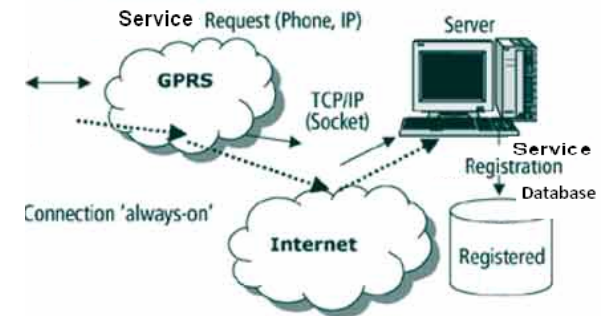
The MATS system would consist of

– Bluetooth & Java enabled mobile phone : Used as an user identity device for defined services access.

– Front-end controller

- To communicate with multiple mobile phones
- Connect to a back-end server system over a secure IP network
- Control access to a defined service

– Back-end application server : To validate service requests and interface to payment systems (if required).

Due to MATS use of Bluetooth, the system would find applications in Retail Vending machines, Attendance Systems, Surface Transport Ticketing Systems etc.

Current Status

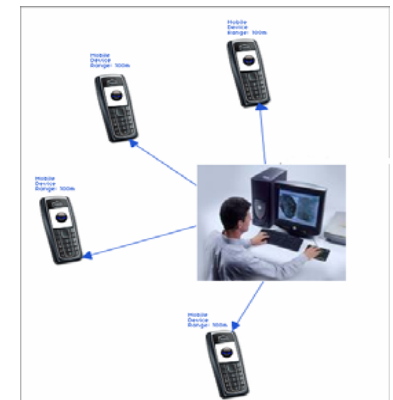Prototype under development for Retail Vending & Attendance Applications

Step 3 :
Vending Machine Access & Billing @ (**Front-End Systems**) using Mobile Phones

Bluetooth™

Step 2 :
User Mobile downloads J2ME Application after Registration

Step 4 :
Service Request Authentication and Control at **Back-end Appl Server**

Step 1 :
User Mobile & Services Registration