Physical locations of mobile devices in the home
The Home Network Visualization project needs your help!

We are actively developing software intended to make configuring, monitoring, and troubleshooting home networks easier, but one thing the software is missing is the capability to detect locations of mobile devices within a home.

Your mission, should you choose to accept it…

First, familiarize yourself with the Home Network Visualization project.

Then build a system that can track locations of mobile devices in the home using Active RFID or a similar technology. Initially, your system should find the location of devices every N minutes, and then insert that information into a database.

Ideally, this technology can be used for something more interesting than finding where your laptop or PDA is hiding in your house. Think of five or more capabilities/applications for location sensing in home computer and AV networks. For each application, write a paragraph long description explaining your idea and how it would work.

Deliverables
- Device tracking system
- Documentation of your system
- At least five paragraphs, each explaining a unique capability/application that location sensing could bring to home networking technology.