EFFICIENT PARKING METER MANAGEMENT SYSTEM

OCTOBER 12, 2005

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AGENDA

Project Goal   Y. Mora

Project Overview   S. Dabideen

Tasks Planned for Next Two Weeks   S. Dabideen
PROJECT GOAL

• The goal is to develop a city wide system to efficiently operate and monitor parking meters.

• The main objective is to get information about each meter’s current status to some central office.

• We will design and implement a transmission protocol which will be used to report monitoring/sensing information from the parking meters.
PROJECT OVERVIEW

Legend: ——— Wired Link ———— Wireless Link (802.11b)
PROJECT OVERVIEW (CONTINUED)

**StarEast Features:**

- IXP425@533MHz
- 256Mbytes SDRAM and 16Mbytes Flash
- Two Type III MiniPCI Slots
- RS-232 Interface and USB 1.1 (device only)
- Red Boot and Open Source Linux
TASKS PLANNED FOR NEXT TWO WEEKS

• Continue Learning to Use the StarEast Boards and their Software

• Research How to Set up a Private Network

• Research Appropriate Wireless Cards and Wireless Linux Drivers

• Install an Appropriate Camera Linux Driver