Data Flow Chart

#1 Parking Guidance System

Parking Facility
Garage 57

Router @ Garage

Facility Sensors
(Bi-directional or single space)

Space Availability Sign

Parking Facility
Garage 60

Parking Facility
Garage 61

#2 Data Management

County Network

PGS Software
(County Server)

ESB
Pulls data from PGS
Dynamic Data
(every minute)

ESB
Pulls data from Parking
Static Data
(once a day)

Data.montgomey

Parking

Public Application

Dynamic Data

Parking Inventory
Database

Static Data

Parking Website

TCS International

Data consumers
ParkMe
Parkopedia
Contractors

Mobile Applications

#3 On-street Smart Meters

IPS

IPS Hosted Server

Sensor Data

Meter Mechanisms

Street Sensors

Sensor Data