

System Functionality

The Truck parking system developed for pilot demonstration consisted of three major subsystems:

- **Data-Collection Subsystem** – Collects raw vehicle occupancy data in designated truck parking areas.
- **Data-Integration Subsystem** – Integrates and processes vehicle occupancy data collected from all instrumented truck parking areas to calculate parking availability by area.
- **Data-Dissemination/Traveler Information Subsystem** – Disseminates real-time parking availability information to truck operators through several mechanisms and media.

