Second Generation Accessible Pedestrian Systems
an architecture for the future

1st Generation AAPS

2nd Generation AAPS

Low voltage interface
Improved reliability
No electrical loading
Consistent information
Lower cost

Need
Simplify Controller Interface
More Ped stations (>16)
Beaconing—2 speakers
Communications for Tracking

Solution
MMU Message Monitor
HomePlug II EoP
Audio Codec on Ped Button
Embedded Routers in APB

Advanced Hardware Development
SDLC Interface
Network Bridge
Education at Work
Pedestrian Button

Future Applications for Infrastructure
Pedestrian Navigation Assistance
Pedestrian Tracking
Real-time Pedestrian Information