Pedestrian Safety Support
Operating in appropriate situations and timing

Benefits:

- Prevent traffic accidents involving pedestrians by alerting pedestrians or drivers in appropriate situations and timing.

- Assumed scenarios are shown in the above chart.
  - Crossing the road: Pedestrian fatal accidents occurred most frequently.
  - Intersection: Accidents occur most frequently.

- Predict the possibility of collision based on position, speed, direction information exchanged by V2P direct communication.
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Technical Advantage:

This technology is one part of R&D relating to SIP (Cross-ministerial Strategic Innovation Promotion Program) and automatic traveling systems. Results of R&D implemented on commission of “ICT for Next Generation ITS” of The Ministry of Internal Affairs and Communications.
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Application:
Support for pedestrians or bicycles

Prototype for demonstration experiment

Support for drivers

Various terminal types are expected in the future

700MHz ITS Terminal
Smart phone
High precision GNSS receiver

Smart phone
Walking stick
Bicycle Light
Bicycle navigation

Alert indication