

## Every intersection hides a silent risk.

Every day, millions of pedestrians cross streets trusting that cars will stop in time. But in busy cities, one distraction — a phone notification, a speeding vehicle — can turn a moment of routine into a tragedy.

More than **30% of all traffic accidents** happen at intersections, many involving children and the elderly. Each year, that's lives lost equal to a full classroom of students.

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## We can't afford to wait until it happens.

Flashing lights and painted lines can't think. Traditional safety measures only *react* after danger appears — when it's already too late.

We asked ourselves: *What if cities could act before accidents occur?*  
What if technology could see the unseen — and protect lives in real time?




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## That's where AI steps in.

At **Ability Intelligent Corporation**, together with **Hi-Power Solution Co., Ltd.**, we developed the **Smart Intersection Alert Solution** — an AI-powered system that predicts danger before it happens.

By combining **AI video analytics** with **edge computing**, the system monitors intersections in real time and triggers **instant contextual alerts** — warning drivers and pedestrians of potential collisions **within 0.2 seconds**.

### Key Advantages:

-  **High-Accuracy Detection:** AI identifies vehicles and pedestrians with precision.
-  **Edge Decision-Making:** Local processing means zero delay, no cloud dependency.
-  **Contextual Intelligence:** Smart alerts that adapt to schools, crossings, and crowded hubs.

Visit us at [www.abilityintelligent.com](http://www.abilityintelligent.com) for a live demo.

Visit our partners Hi-Power solution website: [www.hipower-tech.com](http://www.hipower-tech.com)

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From **school zones** to **commercial areas**, this solution transforms intersections into intelligent guardians — preventing accidents before they occur and making cities safer for everyone.

“AI is not only about efficiency—it's about protecting lives.” — *Roger Hung, General*

manager, Ability Intelligent Corporation

Because the future of AI isn't just smart — it's **compassionate, human-centered, and life-saving.**

👉 Learn how we're shaping safer, smarter, and more sustainable cities with the Smart Intersection Alert Solution.

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#SmartCity #AIoT #PedestrianSafety #Innovation #TrafficSafety #EdgeComputing  
#AbilityIntelligent #HiPower #Sustainability #SmartMobility

