

# Sidewalks+™

Municipal Data Capture  
Solutions



# Sidewalks+



## PROACTIVE SIDEWALK INSPECTIONS

**Sidewalks+™** is an easy to use, software solution that allows infrastructure inspections of sidewalks, curbs, bike paths, etc to be completed with unparalleled speed and accuracy. Sidewalks+™ works on a Windows based tablet computer with a GPS receiver.

This allows your Engineering, public works or risk management department to complete a hazards inspection within a simple one screen application while simultaneously saving positional information and defect details.

By collecting the defect information with high-resolution GPS data the defects can be imported into a GIS system for immediate mapping of priority repairs.

### Reduce Liability

Lawyers call it “slip and fall”, but it’s really about surveying the infrastructure. It’s not just about icy or snow covered sidewalks. Broken pavement, cracks between slabs, raised manhole covers, and any other conditions that could make a surface dangerous to walk on and expose the municipality to liability loss.

- Sidewalks+™ can identify and categorize all defects in real-time while the mobile inspector is observing the conditions.
- Every action within Sidewalks+™ is time and date stamped and verified along with GPS information. All data is available at any time and is completely verifiable and defensible in court.
- A standard ODBC compliant database is generated, readable by all major GIS systems.

### Integrated GPS

- Sidewalks+™ uses standard WAAS GPS receiver for sub-3m accuracy.
- Sidewalks+™ constantly displays integrity of GPS data, number of satellites visible and whether data accuracy is tolerable.
- All hardware mounts neatly on adult tricycle platform for added speed of data capture.

### Cost Effective, Huge ROI

- Sidewalks+™ when mounted on a tricycle can map over 10km’s per day per unit.
- Automatic generation of results database for mapping can show defect information next-day for a repair crew, compared to months with complaint-based repair.
- Sidewalks+ supports pen based input and even touch screens for quick field entry of pushbutton defect and observation lists.
- Affordable Proactive infrastructure management with rapid payback times.
- User definable lists of defects allow cities to match observation lists with their own protocol for reporting to Engineering.
- Sidewalks+ reduces the legwork and guesswork...

### Pen Systems Inc.

1414 LaSalle Blvd  
Sudbury, Ontario  
877-480-7411

(705)-525-5915 Voice  
(705)-525-4707 Fax  
[www.pensystems.com](http://www.pensystems.com)  
[sales@pensystems.com](mailto:sales@pensystems.com)

