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12/24/2010 E-Mail Newsletters	NorCal GPS Cell Phone Traffic Probe Pr Nokia phone models compatible with the software. Because of the large amount of data transmitted by the system, researchers recommend that participants have an unlimited data plan.	
<u>Subscriber</u> <u>Services</u> RESOURCES	As vehicles pass through the system's virtual trip lines — geographic markers defined by GPS coordinates — the phones will send anonymous speed and	Every product
<u>Webinars</u> <u>Events</u>	location readings to servers. The data will be integrated into traffic models that produce an estimate of traffic flow, then relayed back to the mobile phones and posted online at the UC Berkeley/Mobile Millennium website. The system uses	you ever wanted
GPS References Richard Langley's	digital mapping data from Nokia subsidiary Navteq.	to buy on TV
Innovation Buyers Guide Product Showcase Corporate Profiles Classifieds/Careers INSIDE GPS	Heading the research teams are Alexandre Bayen, UC Berkeley assistant professor of systems engineering in the Department of Civil and Environmental Engineering, and Quinn Jacobson, research leader at Nokia Research Center. "As we have entered the era of the mobile Internet, cellular devices are providing us with ubiquitous sensing capabilities that will rapidly revolutionize location-based services," said Bayen. "In particular, traffic information systems will be enriched by combining mobile sensor data with static sensor data. The Berkeley research focuses on developing the novel algorithms needed to integrate this data into traffic models and make the information meaningful to the public."	and more!
WORLD <u>Contact Us</u> <u>About GPS</u> World	The researchers said the system could eventually spread to include any area with mobile Internet connections, including secondary side streets and rural roads not currently monitored by traffic sensors.	
Media Kit News Room Marketing Services Archives	The release of the pilot software comes nine months after researchers put the new technology to its first major road test using Nokia's N95 GPS-enabled mobile devices placed in 100 cars, according to UC Berkeley. The pilot software to be publicly released Monday night is partially based upon the prototype version tested during that field experiment.	
AFFILIATED SITES <u>Geospatial</u> <u>Solutions</u> <u>GPS Maniac</u>	The software has built in privacy, according to the researchers; it reportedly strips the traffic data from individual device identifiers, uses banking-grade encryption techniques to protect the transmission of data, and draws data only from targeted roadways where traffic information is needed. Users can also turn off the system's ability to transmit traffic data at any time.	
	The first phase of the Mobile Millennium system launch will include traffic data for highways, which includes major commuter corridors within and between the San Francisco Bay Area and Sacramento. As more users come online, the researchers expect to have sufficient data to produce information on some arterial routes in the Bay Area and Sacramento.	SUBSCRIBE TO
Sensors expo & conference	During the first month of the pilot, software downloads will be limited to manage capacity. Additional information about supported GPS-enabled mobile phones will be posted. By April 2009, the researchers expect to reach the estimated pilot system capacity of 10,000 users.	LBS Insider E-mail Newsletter
June 8-10, 2009 Donald E. Stephens Convention Center		Signup Today

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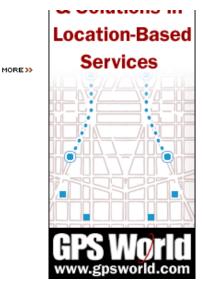


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