

**Ads by Google**

[Travel Updates](#)

[Traffic Update](#)

[Traffic News](#)

[Traffic Cameras](#)

[Traffic Watch](#)

**Ads by Google**

[PDA Bible Software](#)

[China Mobile Phone](#)

[GPS Phone Software](#)

[Cheap Phone](#)

[Wireless Phone PDAs](#)

 

[Home](#) | [All News](#) | [Forums](#) | [Gallery](#) | [Phone Wallpaper](#)

[Mobile Version](#) | [RSS Feed](#)

### Nokia and UC Berkeley capture real-time traffic information using GPS enabled mobile devices

#### [Map of Traffic](#)

Find Detailed Maps of Traffic Road Maps, Traffic Reports, & More  
mytrafficmaps.net

#### [SYNC Technology](#)

See the Intelligent Features of SYNC. Hands Free, Voice Activated  
Ford.com/SYNC

#### [Traffic Accident](#)

Search multiple engines for traffic accident  
www.webcrawler.com

#### [Traffic Signs](#)

Discount Prices on Traffic Signs! Peruse Our Wide Selection Today.  
www.TrafficSafetyExperts.com

Ads by Google

#### [GPS Navigation System](#)

Get GPS Now For Free! Don't Miss Out - Offer Ends Soon.  
MyGPSOffer.com/Garmin



#### [Bank of America - iPhone](#)

Mobile Banking on Your iPhone Download the Free iPhone App Today.  
www.BankofAmerica.com

Ads by Google

[Industry News](#)

[Mobile Phones](#)

[Reviews](#)

[Videos](#)

[Microsoft](#)

[Palm](#)

[Symbian](#)

[Gadgets](#)

[Linux](#)

[SavaJe](#)

[VoIP](#)

[Security](#)

[Events](#)

[F.A.Q & Tips](#)

[RSS Feed](#)

[Send us your tips](#)

[Advertising](#)

▼ advertisement

Last update: 10-02-08

Submitted by [ahbao](#)

Views: 632

[Home](#) ▶ [Industry News](#) ▶ [Latest News](#)

Nokia and UC Berkeley researchers tested technology that could soon transform the way drivers navigate through congested highways and obtain information about road conditions. One hundred cars equipped with the GPS-enabled Nokia N95, and driven by students from the University of California, traveled a 10-mile stretch of highway near San Francisco to show how real-time traffic information can be collected from the GPS feed, while preserving the privacy of the devices' owners.

The experiment was carried out to test the traffic [data](#) collection and aggregation system, while studying the trade-offs between data accuracy, personal privacy, and data collection costs. The software aggregating the GPS feeds immediately disassociates that data from an individual device and combines it with the general stream of traffic data. To protect privacy, all data is anonymous and aggregated, and protected by banking-grade encryption

During the experiment, special software on the [mobile devices](#) periodically sent anonymous speed and location readings from the integrated GPS to servers. The feeds were then combined to create a real-time picture of traffic speeds and projected travel times.

"[Mobile device](#) users control the service. If an individual does not want their device to transmit position data they turn off the feed from their GPS," stated Quinn Jacobson, Research Leader at Nokia Research Center, Palo Alto.

The researchers believe that fewer than 5% of drivers need to contribute location data for the [system](#) to be effective on any particular highway



Sponsored Results

Search

[Chitika](#) | [eMiniMalls](#)

### [No Time for School? Graduate Online](#)

Get a Degree in as Few as 2 Yrs- Graduate Faster with Online Classes.

[www.ClassesUSA.com](http://www.ClassesUSA.com)



### **Lastest News in this category**

#### **[Never Text 'where r u' Again - 'sniff' Your Friends Instead](#)**

Finding your friends while out on the town on a Saturday night often means lots of "where r u?" text messages or phone calls with so much background...

#### **[Verizon Wireless And Loopt Announce Relationship To Deliver Social Mapping Service To Mobile Phones](#)**

Verizon Wireless and Loopt announced Loopt will be available next month on select Verizon Wireless phones. With Loopt, Verizon Wireless customers c...

#### **[MySpace Mobile Launches On Verizon Wireless](#)**

Verizon Wireless customers can now access MySpace Mobile on all Mobile Web 2.0 enabled phones.

#### **[MTV Tr3s Comes To V CAST Mobile TV too](#)**

Verizon Wireless and MTV announced MTV's bilingual channel, MTV Tr3s, will be available today on V CAST Mobile

### Verizon Wireless And ESPN Launch ESPN Radio Channel Exclusively On V CAST Mobile TV

ESPN and Verizon Wireless will launch a mobile simulcast of ESPN Radio, exclusively on Verizon Wireless' V CAST Mobile TV service. The ESPN Radio c...

### Free Mobile Phone Wallpaper



[iPhone\\_Wallpapers-fd0362](#)



[iPhoneJM\\_wallpaper\\_0148-fd0000](#)



[dwqp\\_372](#)



[oyts\\_066](#)





Recommend: [SlashGear](#) / [Instinct Phone cases](#) / [iPhone 3G cases](#) / [3G iPhone cases](#) / [MY iTablet](#) / [PHONE Magazine](#) / [Samsung Instinct Cases](#)

[Samsung Instinct Accessories](#) / [Sprint Instinct Casese](#) / [iPhone 3G Rogers](#) / [iPhone 3G Accessories](#) / [iPhone 3G Accessories iPod Touch Store](#) / [Apple-Touch.com](#) / [iPhone 3G Price](#) / [iPhone Buzz](#) / [Everything Dream](#) / [Macbook touch](#) / [Mac touch](#) / [Samsung INNOV8](#)

[Android Community](#) / [Android Accessories](#) / [HTC Raphael](#) / [Dream Accessories](#) / [Dream Cases](#) / [Dream Cases](#) / [Allthings Dream Accessories](#) / [XPERIA Accessories](#) / [BlackBerry Aurora](#) / [HTC Touch pro](#) / [Touch Diamond](#) / [HTC Raphael](#) / [HTC Diamond phone](#) / [HTC Diamond](#) / [WiMAX Revolution](#) / [Diamond Cases](#) / [Diamond Accessories](#) / [HTC Dream](#) / [BlackBerry Bold](#) / [BlackBerry Bold Accessories](#) / [BlackBerry Bold cases](#) / [BlackBerry Thunder](#) / [BlackBerry Bold Accessories](#) / [BlackBerry Thunder Accessories](#) / [BlackBerry Thunder Accessories](#) / [Android Project](#) / [Samsung Tocco](#) / [Samsung OMNIA](#) / [HTC Rose](#) / [PSP 3000](#)

[SlashGear.TV](#) / [the Instinct Phone](#) / [LG Dare Accessories](#) / [LG Dare Cases](#) / [Treo 800w Accessories](#) / [Treo 800w Cases](#) / [iPhone 3G Accessories](#) / [iPhone 3G Cases](#)

Logos & trademarks in this site are property of their respective owner(s). The comments are property of their posters, the rest © [SlashPhone](#).

[Privacy Policy](#) | [Terms of Use](#) | [Got Suggestions?: SlashPhone Tipline](#) / [SlashPhone Editor](#) / [Vincent Nguyen](#)  
 Designed and Developed by [Ewdison Then](#). [SlashPhone](#) is part of [Aradius](#) and Powered by [Madserv.com](#).

