

City, tech company partner for new app

By **Tammy Murga**
Signal Staff Writer

Santa Clarita is once again the first city to test new technology aimed at improving the way of life in the area. This time, bicyclists and motorists will have the opportunity to experience a pilot program firsthand.

The city, in partnership with Sensys Networks Inc., a world-leading wireless technology company, announced Tuesday a new, free mobile app for bicycle detection at signalized intersections.

The purpose? To “improve safety, decrease congestion and improve the travel experience for many different types of connected travelers,” according to Amine Haoui, CEO of Sensys Networks.

The GiveMeGreen! app is the first of many connected and autonomous traveler apps developed by Sensys Networks, which offers cities traffic data to help improve and manage traffic flow through its in-ground, wireless sensors that detect traffic at intersections and highways.

The company has tested the system at other cities around the state, but Santa Clarita is the first to de-

300 feet in advance of an intersection. Once detected, the signal applies the normal pedestrian-crossing signal timing function, allowing those on foot and bikes to use the same signal phase without causing delays for motorists.

“This works as if you’re pressing a pedestrian push button except it happens automatically,” said Williams.

The initial pilot project is deployed at three intersections along the Chuck Pontius Commuter Rail bike trail, parallel to Soledad Canyon Road.

New signs are also installed, which illuminate when bicyclists or pedestrians are detected to warn turning motorists on Soledad Canyon Road. The system also includes a bicycle-only light at each

location along the bike trail, letting bicyclists know they have been detected.

“GiveMeGreen! not only improves safety but also improves the ride experience for Santa Clarita’s legions of cyclists with automatic and reliable advance detection,” Cesar Romo, traffic signal system administrator for the city, said in a statement.

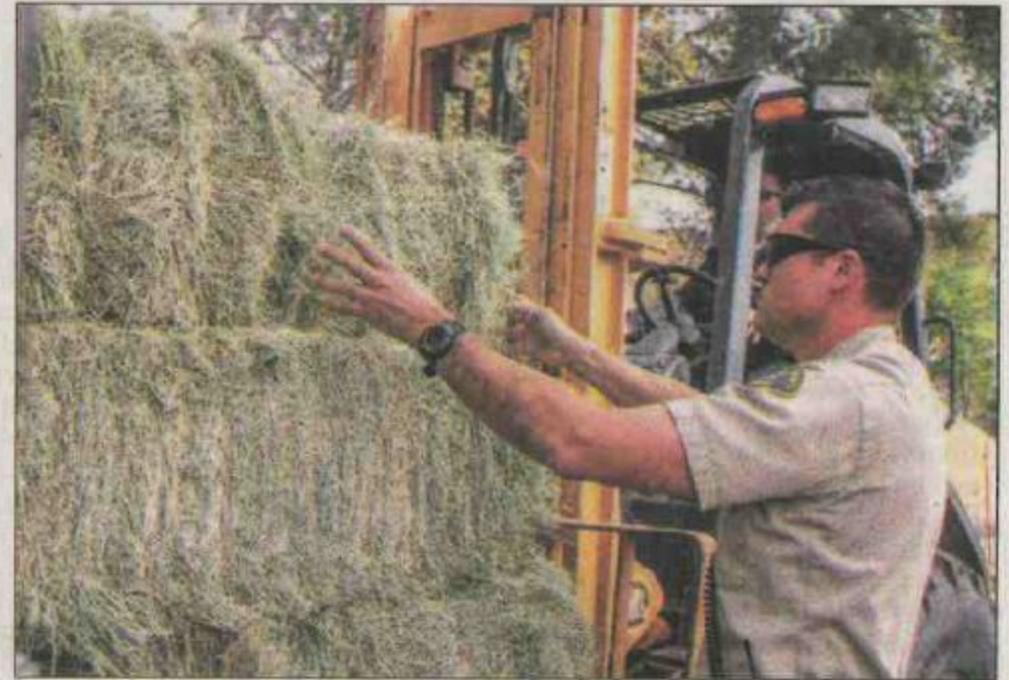
While the app has not yet launched, cyclists can check the Sensys Networks website at sensys-networks.com for updates expected next week, according to Williams.

For more information about GiveMeGreen! in Santa Clarita, contact Romo at cromo@santa-clarita.com or at 661-286-4002.

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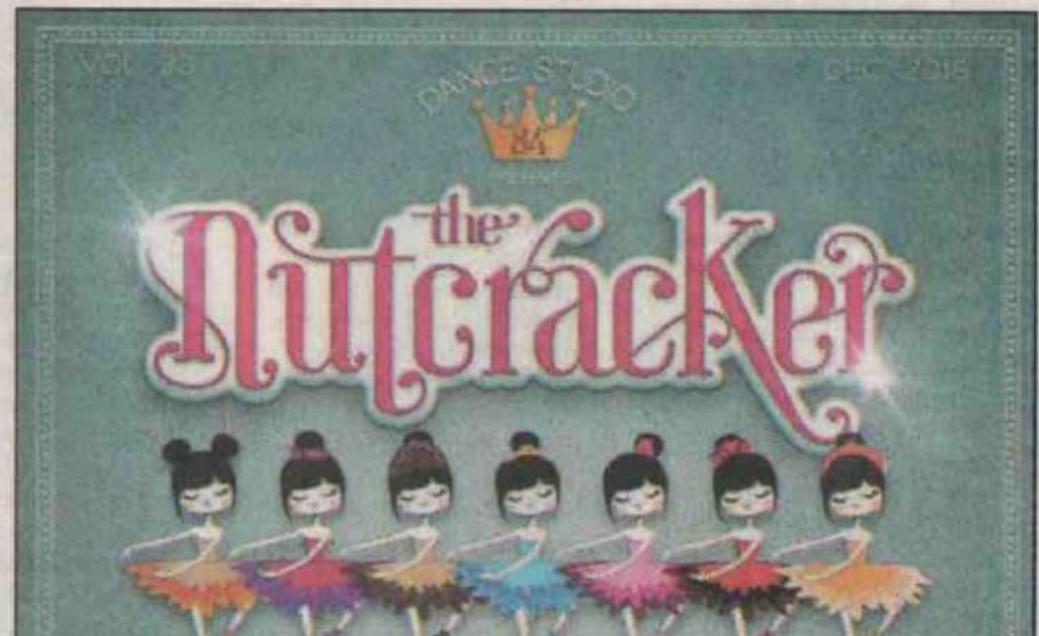
Helping animals in need



Austin Dave/The Signal

(See additional photos at signalscv.com)

Deputy Pratchard works with Peter J. Pitchess Detention Center inmates to offload about 200 bales of hay donated to the Castaic Animal Shelter for animals evacuated during the Woolsey Fire southwest of Santa Clarita.

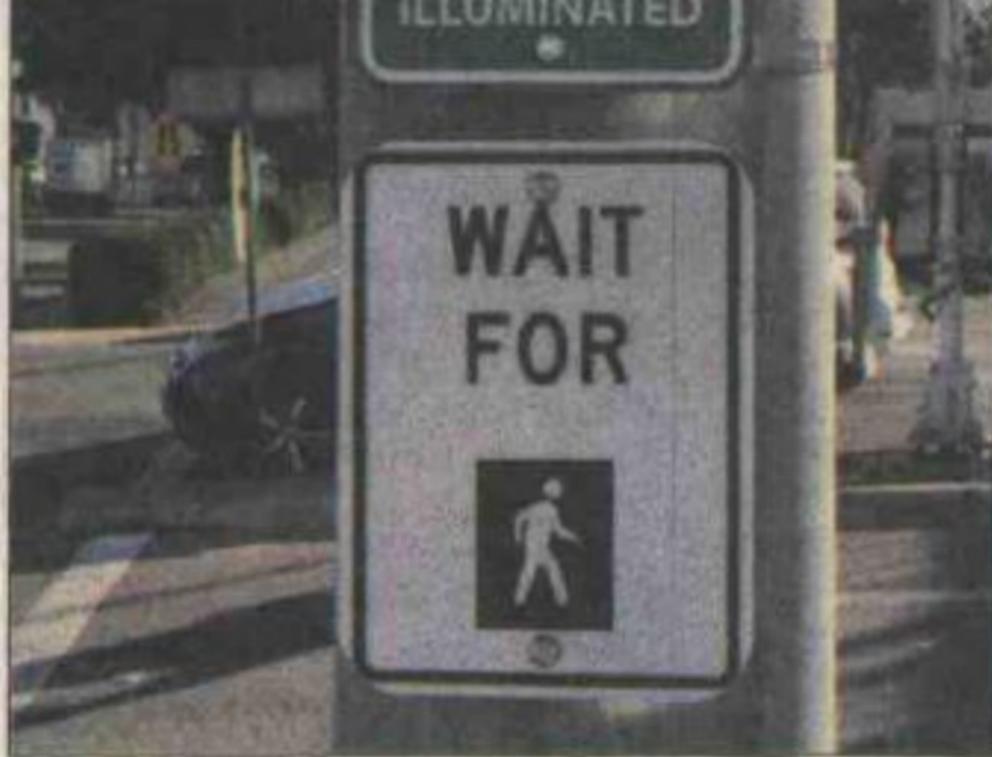


around the state, but Santa Clarita is the first to deploy the initial pilot program, according to Floyd Williams, vice president of data services with Sensys Networks.

How it works

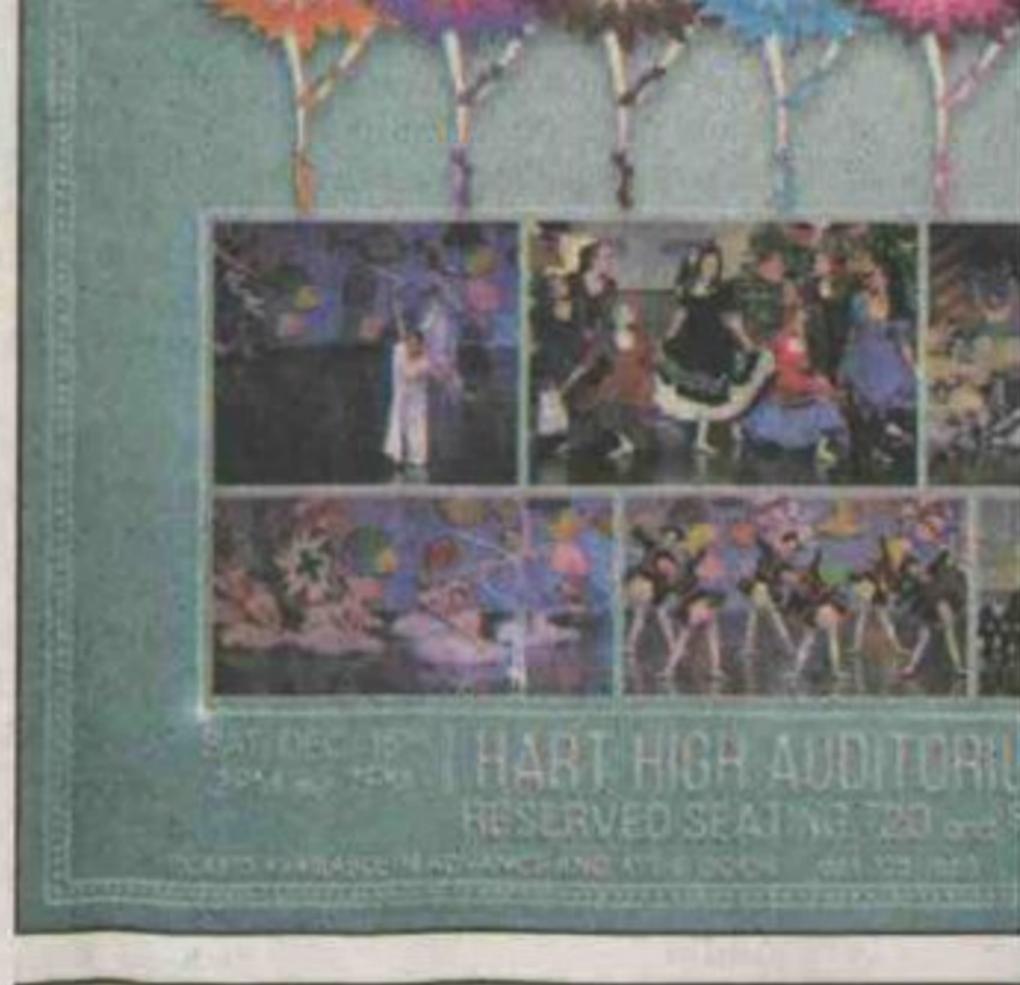
Using an ultra-low-power, patented radar sensor dubbed FlexRadar, bicycles are accurately detected near the stop bar, including non-ferrous bike frame materials like carbon fiber.

Through the GiveMeGreen! app, users are automatically detected up to



Courtesy photo

The city of Santa Clarita is partnering with Sensys Networks Inc. to create a free mobile app for bicycle detection at signalized intersections.





City of
SANTA CLARITA



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**NEW GIVEMEGREEN! SMARTPHONE APP PROVIDES BICYCLE DETECTION
AT SIGNALIZED INTERSECTIONS**

City of Santa Clarita in Partnership with Sensys Networks Announce GiveMeGreen!

The City of Santa Clarita in partnership with Sensys Networks Inc. is pleased to announce GiveMeGreen!, an innovative new smartphone app for bicycle detection at signalized intersections. GiveMeGreen! is the first of many connected and autonomous traveler apps developed by Sensys Networks Inc., the world's leading provider of integrated wireless traffic data systems for Smart Cities. This initial deployment is a pilot program to improve safety for cyclists and travel convenience for all motorists in Santa Clarita.

The initial pilot is deployed at three intersections along the Chuck Pontius Commuter Rail bike trail, parallel to Soledad Canyon Road. The system consists of the GiveMeGreen! smartphone app which allows the bicyclist using the app to be automatically detected up to 300 feet in advance of the intersection. Once detected, the signal applies the normal pedestrian-crossing signal timing function. This will allow pedestrians and bicyclists to use the same signal phase and will not cause any delay for motorists.

There are also new signs that illuminate only when bicyclists or pedestrians are detected to warn turning motorists on Soledad Canyon Road that bicycles or pedestrians will be crossing the intersection. Finally, the system includes a bicycle-only light at each intersection along the bike trail which confirms to the bicyclist that they have been detected.

"This free app will greatly benefit both bicyclists and motorists by providing better information about the presence of bikes at these intersections," says Cesar Romo, Traffic Signal System Administrator for the City of Santa Clarita. "GiveMeGreen! not only improves safety, but also improves the ride experience for Santa Clarita's legions of cyclists with automatic and reliable advance detection." This pilot system

demonstrates the flexibility of the Sensys Networks Inc. platform, as it integrates with third-party signs and City traffic controllers.

“We are delighted to be working with the City of Santa Clarita on this pilot program,” says Amine Haoui, CEO of Sensys Networks. “GiveMeGreen! is the first of many connected traveler apps to be released by Sensys Networks Inc. in the coming months.” These apps all use the same infrastructure at the intersection, and allow Cities to easily tailor the services they want to provide for bicyclists, pedestrians, truck drivers and many other travelers. This Infrastructure to Everything (I2X) system for connected and autonomous travelers will improve safety, decrease congestion and improve the travel experience for many different types of connected traveler.”

For more information about GiveMeGreen! in Santa Clarita, please contact Cesar Romo at cromo@santa-clarita.com or at (661) 286-4002.

About Sensys Networks

Sensys Networks improves the way people travel through cities. Sensys Networks delivers accurate and dependable detection data to drive reductions in urban traffic congestion for partners and public agencies around the globe. For more information see www.sensysnetworks.com .

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