

i-GATE Innovation Hub

Contact: Rob White, CEO

Phone: (925) 583-3900

[Rob.White@igateihub.org](mailto:Rob.White@igateihub.org)

7693 Longard Road  
Livermore, CA 94551

[www.igateihub.org](http://www.igateihub.org)



## PRESS RELEASE

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### **i-GATE Partners Discuss CyberTran Test Site**

*Cities consider benefits of ultra-lightweight high-speed rail technology*

**Livermore, CA - March 20, 2012:** i-GATE officials visited the future site of the CyberTran International low speed test track in Richmond, CA. The meeting was attended by representatives from the cities of Richmond and Davis and the three East Bay department of energy national labs - Lawrence Livermore, Sandia, and Lawrence Berkeley. The primary focus of the meeting was to discuss requirements of a high speed test track location for CyberTran's ultra-lightweight high-speed rail technology. CyberTran is considering both Lathrop and Davis as potential locations for the high-speed test track.

"We are pleased to see i-GATE and its partners embrace the discussion of new applications of rail transit technology," said Jeff Ritterman, Richmond City Council Member.

The high-speed test track is proposed as a five-mile continuous figure eight loop that will allow CyberTran to validate the application of their rail technology at speeds in excess of 150 miles per hour. The CyberTran vehicle and rail technology have already been tested in low speed environments of up to 60 mile per hour on closed loop tracks and on a 1/32<sup>nd</sup> scale test track at their Richmond facility with speeds modeled in excess of 160 miles per hour. With a full-scale high-speed test facility, CyberTran will be able to demonstrate that the technology is appropriate for use in urban and rural transit environments.

"Davis is committed to being a leader in sustainability and alternative modes of transportation. I am intrigued by the CyberTran technology," explained Davis Mayor Pro Tem Rochelle Swanson.

CyberTran's plan for the high-speed test track includes almost \$100 million dollars of investment and will result in local and regional construction and manufacturing jobs in design and assembly of the track and vehicles. By demonstrating the ability of the system to operate

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across the spectrum of low to high speed environments, CyberTran hopes to demonstrate the potential for use of the technology as a connector between current mass transit systems across California, the US, and internationally. At a projected cost of just 20% per rail mile of traditional rail technologies, and due to the designed ability to operate in built-out urban centers with minimal impact, CyberTran is currently working with several congressional members to identify funding for the high-speed test track from existing transportation appropriations.

The technology provides a passenger rail system that can allow the passenger to plan their destinations around their personal schedule. The proposed 20-passenger vehicle has the flexibility and comfort of current rail vehicles while making personalized service levels a reality. The raised track includes an electric third-rail for vehicle power similar to many urban mass transit technologies, but the track is light enough that it can be incorporated into buildings and structures so that stations can serve passengers with the greatest amount of flexibility. The computer-controlled and light weight rail cars are powered by solar panels that line the track. Stations are aligned as off-track sidings to allow the system to continue to move cars through the systems while unloading and loading.

“Rail transit is an important part of the transportation picture,” explains Neil Sinclair, CEO and President of CyberTran. “We have developed the CyberTran technology as an application of all of the best attributes that rail technology has to offer, including ease of use, seamless operation in urban and rural environments, connection between regional centers, and stations that are adjacent to the mainline so that the vehicles can bypass stations where no stop is necessary.” This last point is a major distinction for the CyberTran rail technology. By using a station layout that allows stopping vehicles to get off of the mainline, travel times for passengers are dramatically decreased with the elimination of unnecessary station stops.

As part of the i-GATE iHub Initiative, CyberTran is an affiliate in the partnership that includes national labs, research institutions, academic partners, economic and workforce development organizations, and venture capital firms. With a primary focus on connecting appropriate sectors together in collaboration, i-GATE partners have focused on identifying and quickly deploying new technologies and innovations to have a positive effect on the economy and assist in creating thousands of new job opportunities in the region.

***About the i-GATE Innovation Hub Initiative***

***[www.igateihub.org](http://www.igateihub.org)***

i-GATE is a public-private regional partnership of ten cities, two national laboratories, universities, research institutions, and over thirty additional venture capital, angel investor, economic development, and industry partners. As a State of California designated iHub (innovation hub), i-GATE supports the growth of new technology companies and creation of jobs in clean energy, green transportation, and high performance computing.

**About CyberTran**

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

CyberTran provides an economic and energy efficient “passenger rail system” that allows the passenger to plan their destinations around their personal schedule. The company operates in a \$100B market in the US with a larger global market potential. Cyber Tran technology revolutionizes travel and is less expensive to build, easier to use, and more convenient than any existing form of transit. The prototype system has been demonstrated in Richmond, CA in partnership with the city and industrial partners. CyberTran is a vision of sustainable transportation – a system that is powered by renewable resources and serves as a blueprint for smart growth and development.

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*Pictured (left to right) - Dexter Vizinau- CyberTran International, Ken Hiatt- City of Davis, Neil Sinclair- CyberTran International, Bruce Balfour- i-GATE iHub, Todd Jersey- Todd Jersey Architects, Glen Sterns-Joint Venture Monterey Bay, Rob White- i-GATE iHub, Dan Ramos- Ramco Enterprises, Mike Campbell- DSI Controls, Harry Burt- CyberTran International, Sarah Worley- City of Davis, Camille Bibeau- Lawrence Livermore National Lab, Dave DiGiorgio- DSI Controls, Rochelle Swanson- City of Davis*

