

Unimodal Systems
SkyTran
Personal Rapid Transit

DOCKET
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unimodal

Transport Solutions for People, Products and Data

Christopher Perkins, CEO
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Next Generation MagLev PRT



SkyTran™

High Speed

Up to 150 mph

Scalable Networks

*Local, Regional, National
Service*

Low Maintenance

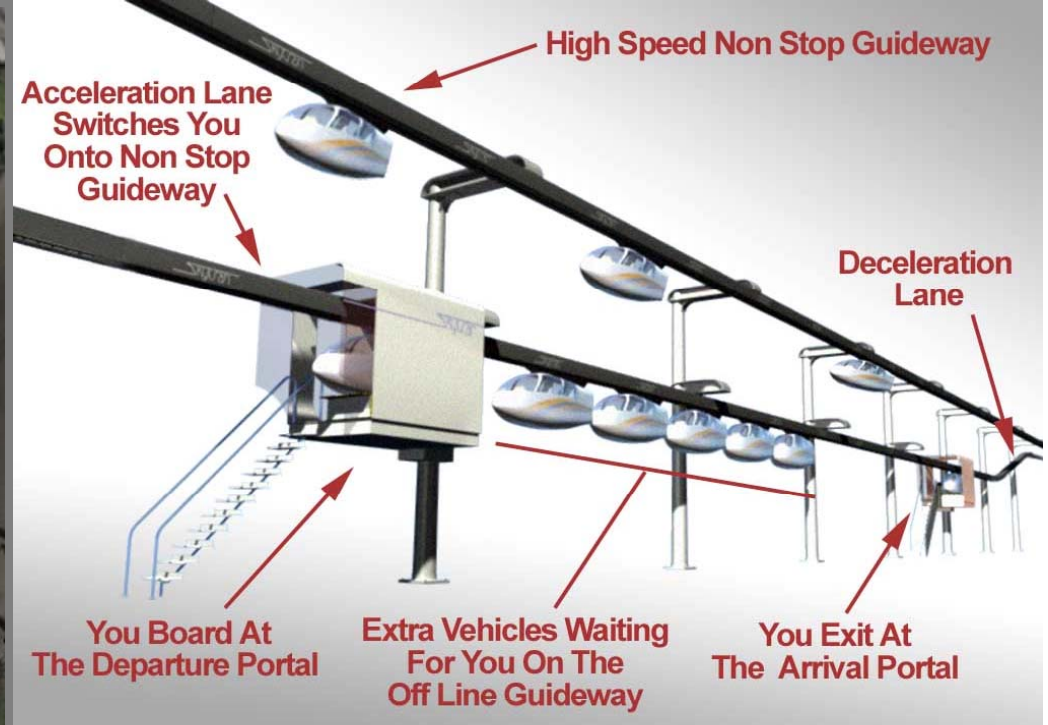
*Uses maglev instead of
wheels*

Under 1500 lbs.

*Uses aerodynamic
vehicles*

**PRT = The Physical Internet
Automated Electric Guideway Network
Individual on-demand vehicles
Non stop. Eliminates traffic lights, congestion
500 mpg equivalent**

PRT Architecture



PRT Design Same as Interstate Highways

On/off-ramps access non-stop lanes

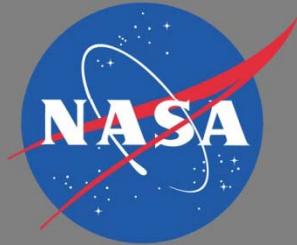
Offline Stations don't impede through traffic

On/off-ramps access non-stop guideways



Unimodal Technology Collaborations

Academic, Government & Industry



NASA Ames Research Center

NASA National Center for Advanced Manufacturing



United States Dept. of Transportation

Research & Innovative Technology Program Grant

University of Montana Missoula



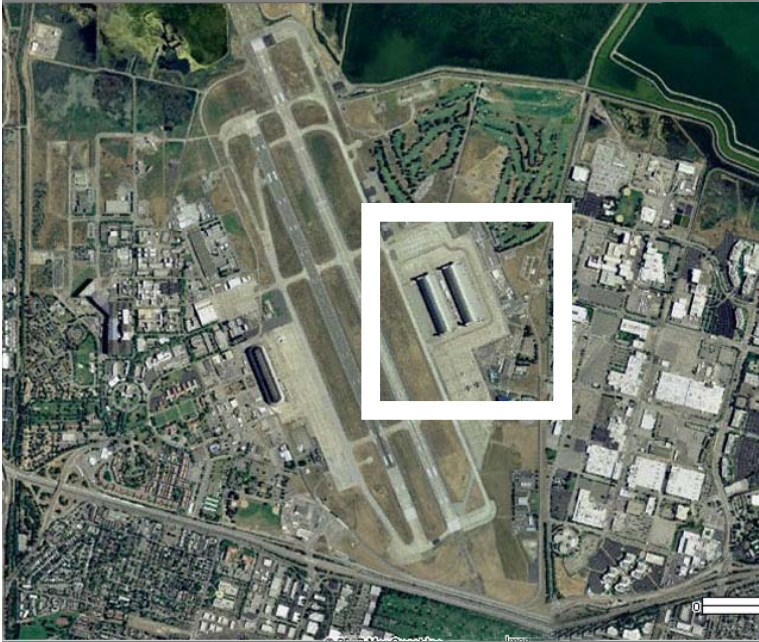
University of California

Power Electronics

Software Simulation

NASA-Unimodal Collaboration

NASA-Ames Research Center Unimodal Pilot Deployment



SkyTran California Strategic Partners



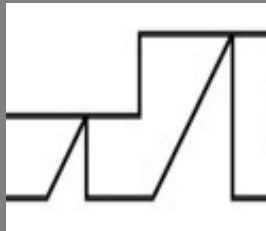
Jenkins/Gales & Martinez

Implementation Partner

Managers of largest U.S. infrastructure projects

Los Angeles, CA

jgminc.com



One Cycle Control , Inc.

Technology Development Partner

Advanced power electronics

Irvine, CA

onecyclecontrol.com



Advanced Digital Manufacturing

Technology Development Partner

Vehicle design and manufacture

Santa Ana, CA

adm-works.com

Advancing CEC Goals

Unimodal's SkyTran PRT...

Emulates cars---one passenger, one destination travel---increasing potential of adoption, thereby reducing VMT

Advances CARB's ETAAC report findings that PRT has great potential to reduce GHG AND congestion

System's low cost and small footprint design can accelerate TOD deployment and thus reduce VMT

An innovative technology that fills crucial gaps in CEC's electric drive strategy

Advancing CEC Goals

Unimodal's SkyTran PRT...

Encourages creation of a market to allow consumers expanded transportation choices

Leverages existing U.S. DOT funding in preparation for integrated demonstration system

Working with cities across the state to facilitate rapid transition from demonstration to commercial systems

Develop into a major new industry in California that brings hi-tech jobs and manufacturing

PRT Emerging in Europe and Asia

ToGetThere PRT *Netherlands*

POSCO Vectus PRT *South Korea*

Dagens
Samhälle
KOMMUNERNAS & LANDSTINGENS TIDNING



Hur ska framtidens kollektivtrafik fungera? Frågan splittrar Dagens Samhälles debattörer. Foto: Vectus PRT.

DEBATT: Spårtaxi kommer inte att rädda världen!

Publicerad 09 feb 2009

För oss är spårtaxi det sämsta av två världar, skriver Christer Ljungberg och Per Gunnar Andersson, Trivector.

DAGENSSAMHÄLLE.SE
9 FEBRUARI 2009

SPÅRBILAR. Ända sedan vi började läsa trafikteknik för cirka trettio år sedan har spårtaxi varit framtiden. Det kommer det förmodligen att vara om trettio år också.

TIME

Thursday, Feb. 12, 2009
By Bryan Walsh / Abu Dhabi

Abu Dhabi: An Oil Giant Dreams Green

The heart of the initiative is Masdar City, a community designed for 40,000, set to be completed by 2016, that bills itself as the city of the future. Cars will be banned, so residents will be whisked around the city on a personal rapid transit (PRT) system, an automated cable-car-like network.

Abu Dhabi's leadership is all the more necessary at a moment when once vibrant green businesses are flagging, thanks in part to the plummeting price of oil. In the U.S. and Europe, new wind- and solar-power installations are slowing, energy start-ups are starving for funds and some green companies are laying off workers. But it's still full speed ahead in Abu Dhabi

Ultra PRT Great Britain

Technology News Issue 351
15 Dec 2008

Tests begin on Heathrow's ULTra PRT system



Advanced Transport Systems and BAA Heathrow have commenced running tests on the new ULTra Personal Rapid Transit system that will link the Terminal 5 with a car park on the periphery of the airport.