

TECHNOLOGY WORKING FOR YOU

Railroads Can Carry Us Far Into The Future

(NAPSA)—Not only do North America's freight railroads move more than 40 percent of the nation's freight (measured in ton-miles) and connect businesses with each other across the country and with markets overseas, they're often carrying us into the technological future.

America's railroads helped develop wireless communications and have always pushed the envelope of American technology. From electronic signals and switches, to high-output diesel engines, and state-of-the-art advanced computer modeling and analytical tools, America's railroads have consistently been on technology's forefront.

Today, rail is pushing the envelope even harder:

- Positive Train Control systems are being tested to allow trains to travel faster with greater safety

- The use of GPS (Global Position System) tracking allows trains to run more frequently over a particular route, increasing efficiency and performance

- Remote sensing of track defects uses fiber optics and acoustic monitors to promote safety and avoid mishaps

- Wireless LAN communications that span the vast distances of the American West were created to allow railroads to operate more safely and efficiently

- Electronic braking systems that stop trains more surely and



The story of America's economic growth and prosperity is the story of America's freight railroads. The products we use every day—food, appliances, cars, tools, office equipment, even our homes—were either shipped by rail or made from materials that traveled on tracks.

swiftly are being implemented to promote safety, especially on downhill grades. They reduce fuel consumption as an added bonus

- Computer assisted climate-controlled rail cars bring fresh fruit and produce to consumers

- Next-generation high-output locomotives that can replace two older models, reduce emissions and boost fuel efficiency

To learn more about North American freight trains, visit www.tomorrowrailroads.org.