



HDIAC Success Story

Homeland Security Implications for High-Speed Rail

<https://www.hdiac.org/>

Customer:	Texas A&M Transportation Institute
Challenge:	The Texas A&M Transportation Institute sought information regarding homeland security implications of a proposed high-speed rail system. HDIAC was requested to review and analyze strategies for securing high-speed rail within the United States.
Approach:	HDIAC conducted a scientific and technical analysis of high-speed and existing services to determine security requirements for freight and passenger transport. HDIAC concluded high-speed rail requires implementing several security initiatives including emergency response facilitation and rapid restoration of services. Because of its state-of-the-art design, terrorist attacks or derailment risks would result in higher casualties and therefore needs updated security strategies from existing rail services.
Value:	HDIAC's report to the Texas A&M Transportation Institute provides insight for future operation of these systems in a way that will allow for faster, more secure transportation. The report will assist the transportation institute in making more informed decisions about security strategies for future high-speed rail and begin policy development. High-speed rail provides potentials for energy efficiency and transportation safety and can therefore benefit the entire U.S. population.

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