

critical infrastructure solution

for

RAIL BRIDGES

HARDENING AND SECURITY



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CRITICAL INFRASTRUCTURE SOLUTION, HARDENING AND SECURITY FOR RAIL BRIDGES

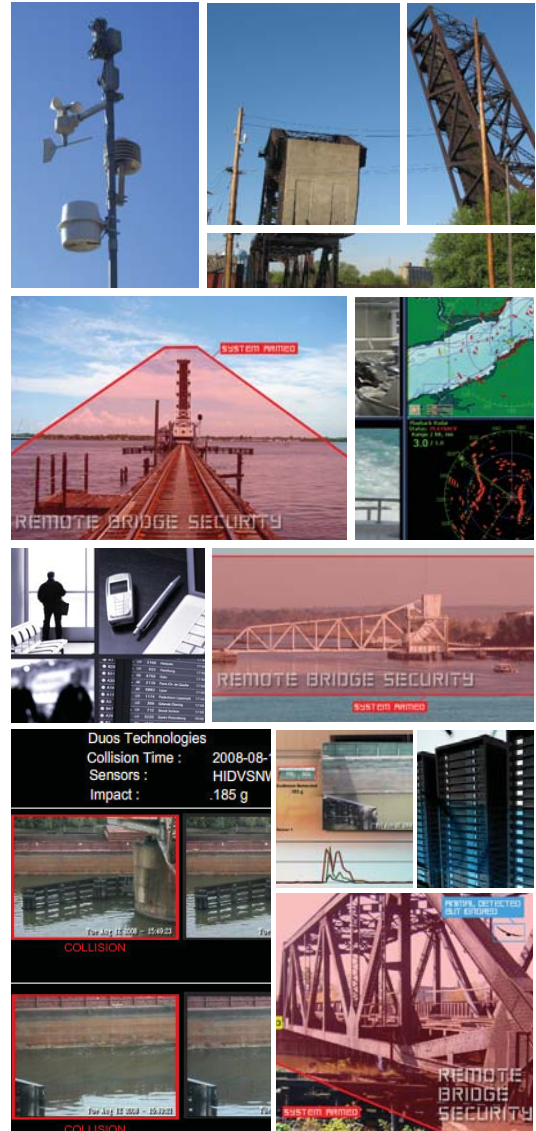
Duos Technologies offers a range of rapid ROI solutions for the railroad industry that are based on our flagship praesidium® technology. These technology-based applications enable railroad operators to reduce liability, assure on-time performance, and improve rail yard operations without adding personnel.

Duos' solutions can substitute technology for an inefficient manual process and allow remote monitoring of isolated areas or assets that are hard to observe. We can combine a group of sensors into an integrated system that meets multiple objectives, improving operations while adding security.







Our systems can monitor a remote bridge to observe and document a marine collision and enable a claim for damages, while securing the site against trespass. Similar monitoring systems at multiple sites can be remotely monitored from a single location, with automatic intrusion alerts sent to authorized personnel, no matter where they are located.

A sensor-based Duos system allows the remote operation of a moveable bridge from a central location, reducing the need for on-site personnel in low-traffic areas, and enables remote inspection of the rail car loading process at multiple sites.

Duos' rail bridge solutions work year-round, in all weather conditions, day or night.



Technologies for the Rail Bridges

 <p>Collision Alert Monitoring and Impact Analysis (camia™) Records, measures and documents maritime vessel/fixed structure collision. Application: Maritime.</p>	 <p>Collision Alert Monitoring and Impact Analysis (camia™ mobile) A self-contained, fully integrated impact detection and measurement system for marine bridges and structures. Application: Maritime.</p>
 <p>centraco™ Integrated Smart Command and Control Platform Intelligent command and control platform that consolidates multiple data sources and alarm events into a single user interface. Application: All.</p>	 <p>Mobile Advanced Surveillance Trailer (mast™) Mobile Advanced Surveillance Trailer incorporates video analytics in a "ready to go" mobile package. Application: Security and Surveillance.</p>
 <p>Remote Video Server Programmable (rvspro™) High-performance digital video recorder, multiplexer and transmission server. Application: Security and Surveillance.</p>	 <p>praesidium® Artificial intelligence-based security and surveillance sensor detection suite processes and analyzes incoming video and sensor feeds to detect user-defined activities and events. Application: Security and Surveillance.</p>

With centraco™ Command and Control

All of Duos' intelligent solutions are command and control ready. Duos' state-of-the-art intelligent command and control platform, centraco™ provides a scalable information delivery and response solution that is designed to address operational and management challenges. Designed with years of "real life" situational input, the centraco™ platform is designed to perform in the most challenging and dynamic environments.

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