

KMIBridge

Bridge Management Platform



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KMIBridge is a technology platform designed to manage your portfolio of bridges with real-time information before, during and post-event. Leveraging a combination of smart sensing, modelling, digital twins, and real-time processing tools, KMIBridge provides immediate feedback during events, and tracks changes to your structures that may lead to problems over time.

According to the American Society of Civil Engineers' 2001 Report Card for America's Infrastructure, the aggregate condition of the 617,000 bridges across the United States scores only a "C". Currently, 42% of all bridges are at least 50 years old, and 7.5% of the nation's bridges are considered structurally deficient.

KMIBridge delivers the asset management capabilities required to prioritize maintenance and rehabilitation of this critical infrastructure through four key areas.

- Assess the condition of each structure
- Understand the immediate impact of events to support informed decision making
- Manage each of your assets' unique requirements from a single tool
- Understand the structural changes that happen to your assets over time

Manage Your Portfolio of Bridges

ASSESSMENT

Each structure under your management is assessed and classified based upon structural condition, operational and monitoring requirements.

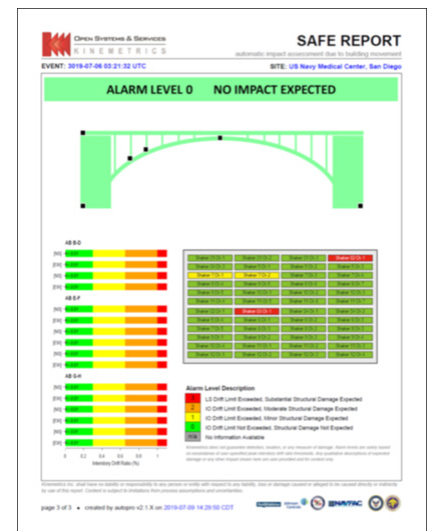
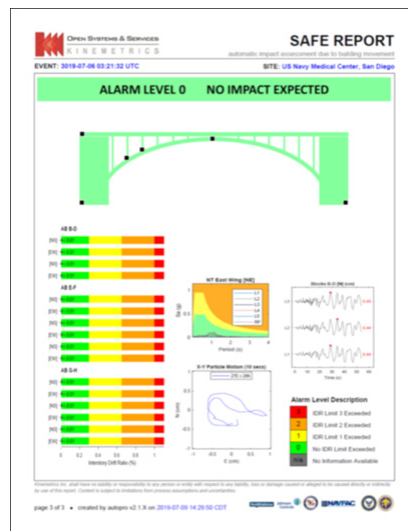


SMART SENSING

Each structure is prioritized and implemented within the KMIBridge platform with the appropriate level of Kinemetrics Smart Sensing technology.

OPERATIONAL CONTINUITY

When an event occurs, whether an earthquake, extreme loading, or another operational event, KMIBridge immediately delivers the information you need to make real-time and post-event decisions.



LONG-TERM ISSUE IDENTIFICATION

The long-term monitoring and digital twins delivered by KMIBridge provide a historic record of changes within your structures to help identify changes to the structural integrity of each asset under management before they become problems.