

# EMERGENCY RESPONSE PLANNING IN DUBAI

BURJ KHALIFA

DUBAI WORLD  
TRADE CENTER



## WORLD'S TRADE CENTER BURJ KHALIFA TALLEST BUILDING

**Kinometrics Open System & Services** and **Reid Middleton** provide the Dubai Municipality with OASIS (Online Alerting of Structural Integrity and Safety) and REAP (Rapid Evaluation and Assessment Program) for the Dubai World Trade Center and the Burj Khalifa.



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# THE SOLUTION



## EMERGENCY RESPONSE PLANNING

Assure safety by avoiding unnecessary evacuation of critical and essential structures while also saving money by minimizing costly downtime and business interruption.

## POST-EVENT ASSESSMENT

Streamline post-event inspection and enables better informed decision making.



## REAL-TIME MONITORING

Implement a customized structural monitoring system to acquire essential data during shaking (earthquakes, strong winds, etc.), convert data into meaningful and presentable information, and rapidly disseminate information to key decision makers.

## BUILDING EVALUATION

Evaluate the capacity of the building's structural and non-structural systems using performance-based engineering.



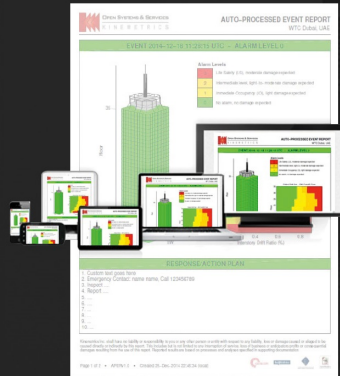
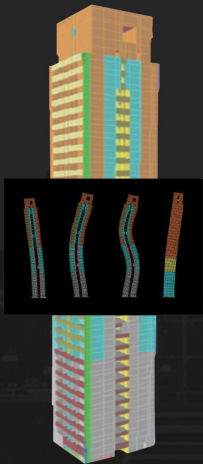
# THE BENEFITS

BUILDING  
EVALUATION

REAL-TIME  
MONITORING

POST-EVENT  
ASSESSMENT

EMERGENCY  
RESPONSE  
PLANNING



FOR POLICY  
MAKERS

FOR OWNERS  
AND OPERATORS

FOR FACILITY  
MANAGERS

FOR OCCUPANTS/  
RESIDENTS

THE BIG PICTURE

Improve safety mandates for public and showcase cities growth

Save money by reducing downtime and continue business as usual

Better manage decisions on evacuation and reoccupation

Increase confidence in safety and avoid panic during state of emergency

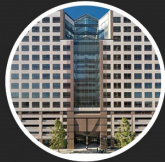


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## OUR EXPERIENCE



**Caltrans D4 Headquarters**  
*Oakland, CA*



**Capital Gate**  
*Abu Dhabi, UAE*



**Naval Hospital**  
*Bremerton, WA*



**Aldar Headquarters**  
*Abu Dhabi, UAE*



**Bill Emerson Memorial Bridge**  
*Cape Girardeau, MO*



**Adnoc Headquarters**  
*Abu Dhabi, UAE*

## STRUCTURAL HEALTH MONITORING

Kinematics' SHM systems advance resilience against the risks of unsafe conditions and financial loss due to unnecessary evacuations. We consistently deliver successful business continuity projects by providing a complete solution that includes all the necessary instrumentation, customization, and implementation expertise.

## CONTACT US

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