Digital City Platform

PROOF OF CONCEPT TOOL FOR CITY SCALE EMERGENCY PLANNING, PREPAREDNESS, RESPONSE AND RECOVERY

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Digital Cities
Connected Data
Environment
Planning & Preparedness

City Scale Risk Assessment
Readily Available Data
Well Established Science
Perform What-If Scenarios

Resilience APP

100 Parcels
200 Masonry
Resilience APP

Planning & Preparedness
City Scale Risk Assessment
Readily Available Data
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Resilience APP

Planning & Preparedness

City Scale Risk Assessment
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Expected Loss
URM to Reinforced, Remove Deficiencies

CURRENT

$38 M
Expected Loss
166 Days
Average Down Time

POST ORDINANCE

$7.7 M
Expected Loss
13 Days
Average Down Time
Resilience APP

Response & Recovery
Resilient Technology
Deterministic Scenario
Drone/IOT Triage

Post Event Analysis

Likely Injury Concentration
Likely Debris Concentration
Response & Recovery

Resilient Technology
Deterministic Scenario
Drone/IOT Triage

Thank You!

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