

ENHANCING THE EFFECTIVENESS OF PREVENTATIVE OSH RISK CONTROLS ACROSS THE VALUE CHAIN

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AIM

To prove how a **simple, no-frills, cost-effective** web and mobile-based application can facilitate the deployment, **and monitor** the effective implementation of preventative risk controls on site.

MATERIALS AND METHODS

STUDY SUBJECT

LihMing Constructions – A Singapore-based infrastructure company that executes small and medium scale construction, the core focus being supply and installation projects focussing on civil engineering, cable and pipe laying contracting.

THE PROBLEM

OSH risk controls are identified in risk assessments. However, **the implementation of the controls on ground** needs to be constantly reinforced to the workforce and regularly monitored. This “communication” and “monitoring” can be **expensive, time-consuming and very ineffective** if done manually.

THE SOLUTION

AcuiZen mPower – A digital platform that enables organizations to **rapidly create and deploy** knowledge and reporting modules to hand-held devices.

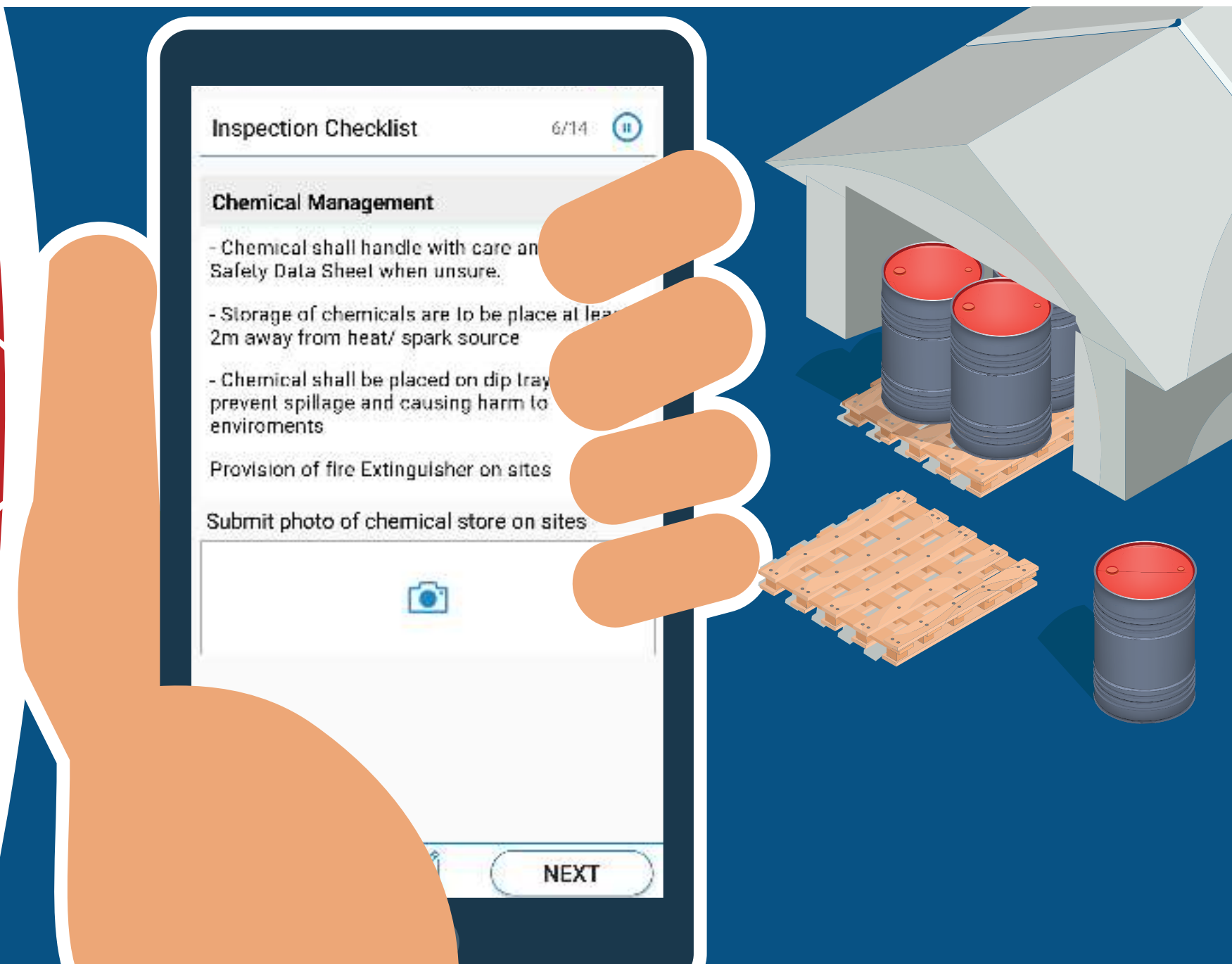
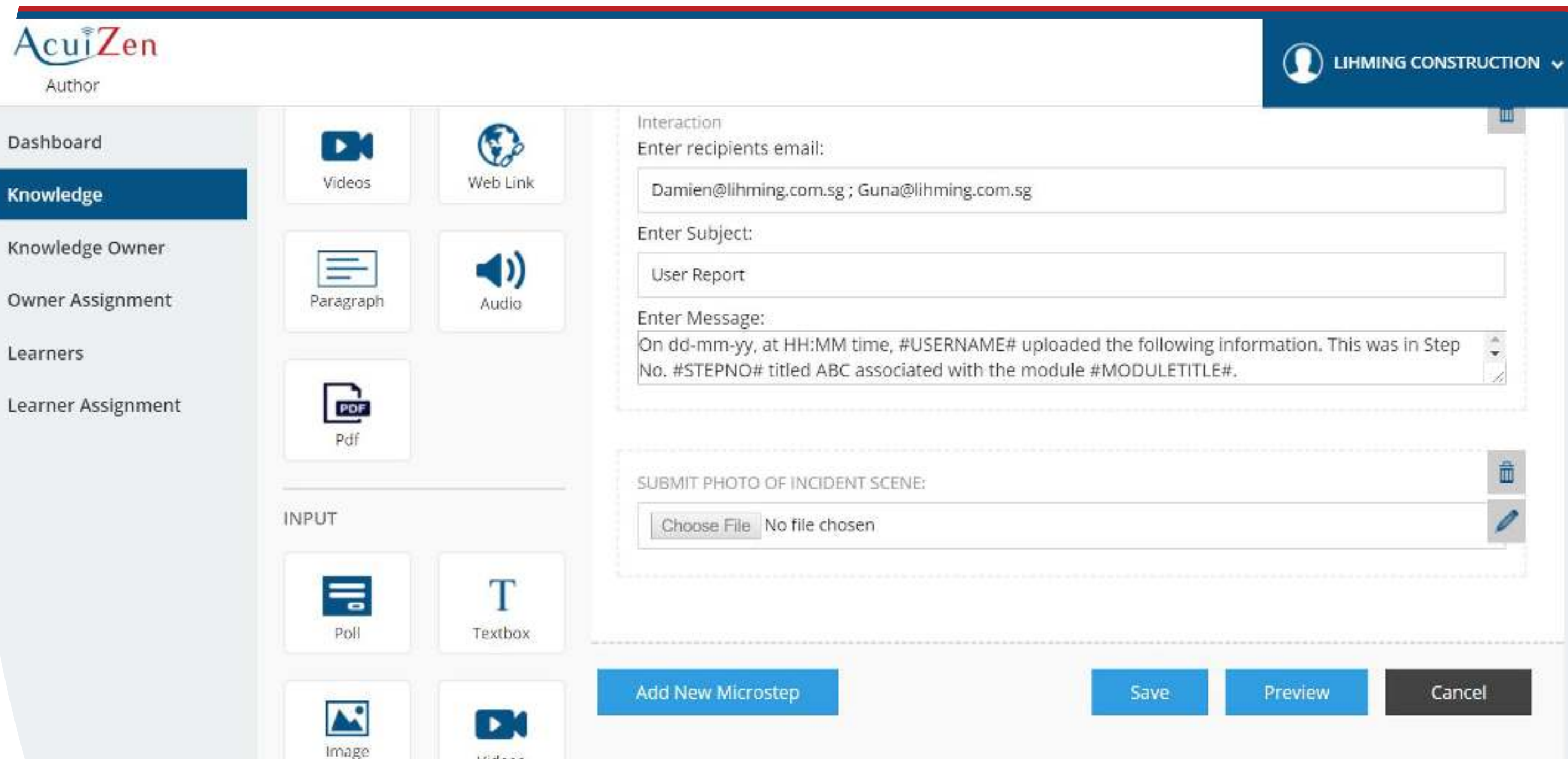
METHODOLOGY



IDENTIFIED ACTIVITY-SPECIFIC RISK CONTROLS FROM RISK ASSESSMENT.

USED ACUIZEN'S CURATION PLATFORM TO PROVIDE CONTEXTUAL SAFETY KNOWLEDGE IN SMALL BITES AND COMMUNICATE INSTRUCTIONS TO THE FIELD WORKERS.

FIELD WORKERS ACCESSED INFORMATION NEEDED TO PERFORM THEIR TASKS SAFELY AND SUBMIT REPORTS INSTANTLY.



STEP 1

STEP 2

STEP 3

RESULTS

The innovative application that has been developed and rolled out increases the effectiveness of OSH risk controls by focussing on:

ENHANCED EDUCATION

Providing impacted employees **point-of-need OSH learning, in small bites when needed, where needed.**

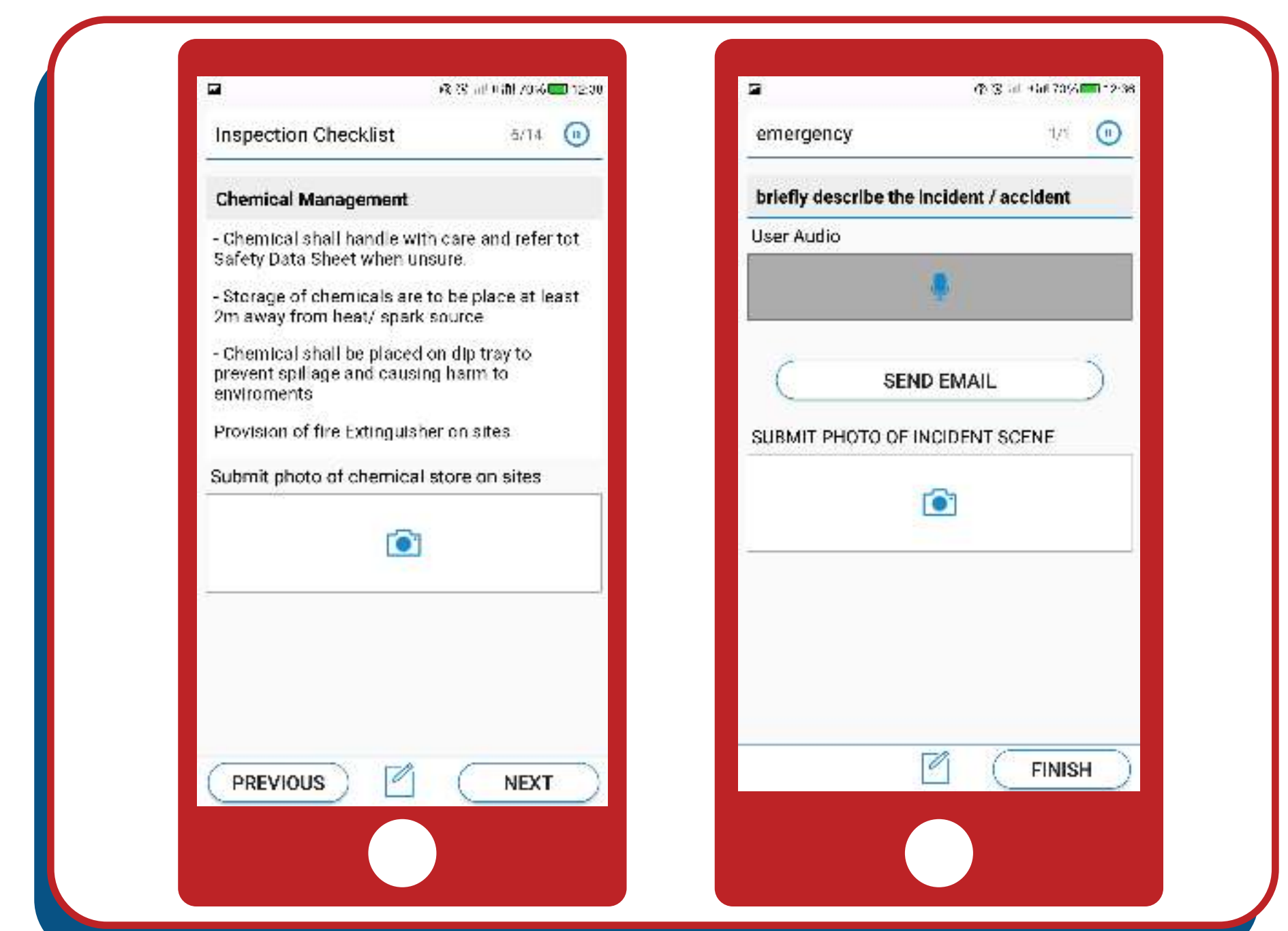
ENHANCED ENFORCEMENT

Providing supervisory personnel **real-time assurance & action** on the effectiveness of the risk control methods that have been put in place.

BIRD'S EYE EVALUATION

The geo-tagging and multi-media reports ensure that the controls have been deployed when and where needed.

The application has ensured that a preventative OSH strategy is deployed faster, in an easier manner and hence leading to a safer and more productive workplace.



CONCLUSION

It is key to enable your workforce with **simple-to-use technology** to ensure there is no lethargy when it comes to OSH interventions.

The application should be **capable of adapting** to regularly changing training & compliance requirements.

AcuiZen mPower has enabled SMEs to **“GO DIGITAL”** and make **“VISION ZERO”** a reality.

