INNOVATION IN ACTION: MOBILE APPLICATIONS DESIGNED TO IMPROVE SAFETY
Mobile Inspection Manager

A fully integrated mobile application utilising NFC tagging that delivers and exceeds the Health & Safety regulations and our Company Policy requirements regarding the following inspections:

- PUWER - Large and Small
- LOLER - Accessories and Cranes
- Fall Arrest/Restraint
- Scaffolding
- Excavations
- Fire Point Checks

All wrapped in a fully integrated workflow incorporating a defect close-out process, delivering a robust and simple solution, to a routine, but highly significant undertaking:

“...to ensure all work equipment and works areas are inspected by a competent person/s before use or commencement of an activity...”

John Hennessy, Health & Safety Director

HOW IS THIS INNOVATION?

- We deliver a historically paper-based process, on a mobile platform (smartphone or tablet)
- We use NFC (Near Field Communications) technology built into the devices with ruggedized tags on over 2,500+ inspection points, equipped with 250+ mobile devices & across 25+ sites
- We complete upwards of 2,500 inspections per week, and growing...
- We GPS track and record the location of every single inspection
- We capture a PDF report of every single inspection (where applicable), within a minute of the inspection being completed
- We collate daily, an Excel report of every inspection item, by project and for the whole company

- We automate the delivery of reports into our Content Management System, without human intervention
- We can complete the inspections offline or online (via 3/4G or WiFi), with a date and time stamp
- We capture all content to the cloud
- We create a workflow when an inspection fails, and someone has to fix the issue immediately, which is all recorded
- We create mandatory fields in the digital form, and validate that content against a pre-defined criteria
- We inspect everything from 45t Excavators to D-Shackles

25+ Sites

2,500+ inspections per week
THE FIVE W’S
who, what, where, when and why of the process… (or Six – how)

We know who completed the inspection, what inspection was carried out, where this happened, when it happened, why it was being inspected, and how - using what device.

FEATURES & BENEFITS

<table>
<thead>
<tr>
<th>NFC Tagging</th>
<th>Unique identifier for every inspection item</th>
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<tr>
<td>Fully integrated workflow</td>
<td>Create</td>
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<td>Mobile Dashboard</td>
<td>Informs the project when items are out of inspection or due in 24hrs</td>
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<td>Photo capture</td>
<td>Prevents the user from falsifying records</td>
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<tr>
<td>Mobility</td>
<td>User can inspect or check inspection items on the fly</td>
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<td>Audit trail</td>
<td>Tag can confirm inspection and/or defect history</td>
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<td>Asset identification</td>
<td>Tag carries additional detail about the item</td>
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<td>Automated defect management</td>
<td>Instant notification regarding defects and quarantined items</td>
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<td>One suite of apps</td>
<td>One application for all inspections, but different checks</td>
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<td>Weekly and Thorough</td>
<td>Manages both weekly and thorough inspection regimes</td>
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"The Inspection Manager App allows me to check any item at any time without searching through paperwork files. The automatic notifications when an item is due an inspection saves time and avoids anything being missed and used past its test date. This gives me peace of mind to know that all our equipment is safe and in good order."

Andy Hilton, Site Supervisor

"The Introduction of the Inspection Manager application into our working environment has allowed us far greater control and confidence in ensuring that all of our inspection requirements are met and completed. It has assisted in significantly reducing the previously large volumes of paperwork generated and allows on the spot checks to be made to ensure compliance."

Chris Foulser, Project Manager
McGee is a broad based construction company and multi-disciplined specialist contractor. Family owned and managed for over 50 years, we continue to build on considerable technical capabilities and upon a reputation for excellence and innovation.

With an annual turnover over £100m, across 25+ sites and utilising upwards of 1,000 employees to self-execute on major projects, predominately in the London area and Home Counties.

We deliver a wide spectrum of decontamination, demolition, construction and civil engineering services – operating as a specialist sub-contractor or main contractor. We also provide telecommunications, recycling and land engineering services.

The breadth of our expertise and the depth of our specialist knowledge provides a welcome guarantee of quality to our customers.