

IMQS ASSET VERIFICATION MOBILE APPLICATION

To build and maintain a Financial Asset Register is a complex, expensive and time-consuming process.

Whether you are a custodian of public or private infrastructure, or leading data capture and verification teams in the field, a central problem with infrastructure asset life-cycle management is the accurate capture, verification and consolidation of asset data. Relying on multiple steps in a complex web of human action and interaction is not only time consuming, but leaves much room for human error.

The IMQS Asset Verification tool is an easy to use and affordable application that enables users to capture fixed and movable assets digitally on an Android tablet according to a pre-agreed asset hierarchy. It simplifies and completes the asset verification component of asset life-cycle management by enabling users to carry out vital tasks and seamlessly integrate data, in real-time, to a spatially linked IMQS Financial Asset Register.

FUNCTIONALITY

The IMQS Asset Verification tool forms part of the IMQS Integrated Asset Management solution.

- It simplifies the entire infrastructure asset life-cycle management process that starts with the capture and verification of existing and new fixed or movable assets in the field.
- It completes any asset management life-cycle approach by enabling users to carry out vital tasks, which include the year-on-year verification and condition assessment of assets.
- It captures all your assets in a pre-agreed asset hierarchy, in the central asset register.
- It allows for a seamless integration of a fully, spatially linked, Financial Asset Register.

OUR SOLUTION:

- **Improve accuracy and visibility of verified assets and their related data:** Digitally capture and upload images of assets as they appear in the field, thereby confirming visual verification and building an archive for future reference.
- **Reduce training and software adoption effort:** An intuitive user interface ensures usability across the user capability scale, thereby eliminating the risk of inaccurate data capturing.
- **100% Offline capability:** The application makes use of background map caching. Verify assets in the field while offline, then save data locally and synchronise when again online.
- **Photo capturing:** Our application transforms an Android tablet into an asset verification tool belt. Photos can be taken with the tablet in the verification process and integrated into the existing data set. Data is logged, centralised and linked to the main asset hierarchy for review.
- **Quick and easy setup:** Download from the Google Play store to make initial set-up quick and easy.

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INTEGRATION

IMQS's Mobile Asset Verification application functions as a stand-alone product that integrates seamlessly with standard GIS packages such as ESRI. It can also function as part of IMQS's more comprehensive IAM software suite linking to the IMQS Financial Asset Register in both IMQS Version 6 and IMQS Web.

ARCHITECTURE

- The application leverages the benefits of cloud leaders such as Amazon Web Services with storage optimised servers and elastic cloud computing.
 - It scales easily and offers high performance.
 - It leverages password-protected security, which requires logging in with a token to validate user.
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BENEFITS

- GIS location look-up
- Bar-code scanning
- Room selection
- Asset information verification
- Condition assessment
- Easy audit tracking
- A simple and flexible purchase plan
- Support capabilities – helpline: tech-support, user-support, training
- Low infrastructure investment
- No paperwork
- Increased time to create baseline for AR/verify assets
- Increased visibility including – team progress and one single version of the information
- Centralise data from de-centralised teams

EOH Business Park | Gillooly's View | Osborne Lane | Bedfordview | South Africa | 2007 | +27 (0) 11 620 1208