

assetDNA CASE STUDY

UHF RFID Labels Keeping Track of IT Assets

JLL AUSTRALIA



Customer

Jones Lang LaSalle [JLL]
Australia

Solution

Software: assetDNA

Mobile hardware: PDAs

Tagging: UHF RFID, barcode

Services: Implementation,
training & technical support

Highlights

The ability to track IT assets & their custodians in real-time

More efficient asset check in/check out processes using mobile apps

High-quality data capture with automated RFID scanning

Improved visibility & utilisation of IT assets

Cleaner, faster, more accurate physical asset audits

More opportunities to maximise depreciation deductions

Reduced costs associated with missing or lost IT assets

Better protection of sensitive data to meet compliance requirements

Automated alerts for overdue items

Improved life-cycle management for returns, repair & replacement

Real-time reporting for better decision-making

Introduction

Relegen's asset intelligence solution – assetDNA – has been adopted by the Australian division of JLL, a global professional services & investment management firm, to accurately track, & simplify the process of, loaning company IT assets to staff.

Solution

As UHF RFID technology falls in price & improves in performance, it is increasingly replacing traditional barcode systems in a wide variety of asset tracking applications.

Whilst the initial outlay for UHF RFID systems is higher than barcode systems, their speed/range capabilities, can deliver significant labour savings offsetting initial costs over time.

In this project, IT assets were tagged with a globally unique identifier [GUID] encoded into a UHF RFID self-adhesive label. The label was selected by Relegen because of its performance, cost-effectiveness, easy application & the reputation of the manufacturer.

The UHF RFID label featured the GUID printed as a barcode & human readable number for maximum flexibility.

Relegen also supplied covert security identifiers with this project, so that if a piece of equipment was lost or stolen & the RFID removed, JLL could still prove ownership of the asset.

Day-to-day use of the system is done using the assetDNA mobile application which runs on a handheld UHF RFID PDA. This app has easy-to-use & defined processes for accurately recording the issue & receipt of assets to custodians – and in much less time than previous manual systems.

Benefits

This assetDNA and UHF RFID technology solution delivers many benefits to the organisation.

Automatic data-driven audit trails provide accurate records of who received what piece of IT equipment & when.

Asset lifecycle management capabilities track items as they move through business processes & flag when items are due for return, repair or replacement.

Documents such as warranties, manuals can be stored with records for easy access.

IT audits are also faster, easier & more accurate & so are able to be done more regularly.

Furthermore, at a management level, assetDNA improves the visibility & utilisation of IT assets, enabling JLL to maximise depreciation deductions, reduce the costs associated with missing or lost items, help protect sensitive data and meet growing compliance requirements.