

## Introduction

Being able to identify assets uniquely in position is key to sound asset management. However being able to extend the value of this beyond traditional 'auto ID' is Relegen's unique capability.

Through its tagging system known as AssetDNA Relegen is able to offer a superior solution, unmatched by competitors, to significantly enhance the value of tagging and link assets to the processes required to support them.

## Tagging - Barcoding & RFID tracking

Relegen's AssetDNA tags have a read/write capability that allows Asset Managers to develop and assign a workflow to a particular part or asset. This workflow can then be written to the tag and attached to the asset.

Three levels of data can be held on the AssetDNA tag in its operational environment.



AssetDNA tag

### 1. Asset barcode number

The barcode number uniquely identifies the asset in position

### 2. EPC Global Code

This code forms part of the global supply chain database which ensure frictionless exchange of product data across trading partner boundaries

### 3. Workflow relationship

This feature is unique and enables workflows relevant to a particular asset to be held with the asset in its operational environment. An almost infinite number of workflows and business processes can be stored on an AssetDNA tag making the system indispensable to any department conducting physical audits such as Finance, Maintenance and Quality Management.

Storing workflows and business processes on the asset allows assets to be interrogated infield for their transactional history while also forging a stronger link between the asset, its actual state and what the database indicates.

A practical example of this might be where a gauge is removed and sent to an external organisation for testing. The gauge is therefore involved in a maintenance workflow (testing) and a configuration change (the new test parameter). Because these workflows can be stored on the AssetDNA tag as the gauge is tested it can be scanned by the certification body using a hand held PDA. The Certifier having access to the appropriate fields in the database is able to update the status to 'tested' and as soon as the PDA is docked this information automatically flows back through to the maintenance database. Once the Certifier updates the new test parameters these automatically populate the appropriate fields in the Configuration Management Tool and the Test Certificate automatically links to the asset and flows back to the end user as a PDF. The whole process is seamless, accurate and cost effective.

Relegen provides a wide range of tagging applications suitable for assets ranging from documentation, to equipment to machinery parts. Tags are able to be read using commercial off the shelf hardware and there is an appropriate and cost effective solution for any particular environment.

AssetDNA tags have been designed specifically for an engineering environment. The barcode is engraved so that the code can be recovered should they be damaged by paint or oil. They are easy to read, particularly rugged and cost effective.

## Benefits

AssetDNA in conjunction with the BASELINE tagging module allows Asset Managers to track every component, of every part, of every major operational asset. Considering assets at this level of detail allows organisations to more accurately attribute risks and costs whilst significantly improving the efficiency of parts ordering.

Being able to store workflows and business processes on the actual asset is the next generation of tagging providing certainty, reliability and efficiency.

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