# Demonstration Scenarios

## Overview

The demonstration scenarios are set up to enable Drax to assess if your NDT Inspection Management Solution is:

* Efficient
* Reliable
* Simple to use
* Conforms to data protection laws i.e. General Data Protection Regulation (GDPR) in the U.K.

We would like you to demonstrate how your solution can be used to complete the following scenarios:

## Scenario 1 – Upload OCD document into IMS

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| Upload OCD Documents | |
| Scenario: | Integrate OCD file into Inspection Management System (See User Story ID IMS.RQ.013a and IMS.RQ.013b) |
| Demonstration | Demonstrate how a file could be integrated with the system to create a report record:   * The system manages to automatically capture the data from OCD file * A new report record needs to be created for each row contained within the OCD file * Select one of the report records (report record automatically created from the OCD file) and confirm if the data in the OCD is captured accurately for that report record * Confirm if user can initiate the workflow for the report record |

Reply: WE can demonstrate this via the Ionix clone system, currently we just need to show them the Create Job process which we already have in place to create a job and upload the workfile.   
  
Relates to story: 13a  
As an Engineer

I want to automatically integrate the data from the OCD file into the IMS

So that I am not having to manually create a report record for every inspection listed within the OCD  
  
13b As a Contract Owner

I want a new report record created for each row contained within the spreadsheet that is uploaded into the system

So that I can save time by having several reports created with one upload

-Mujtaba, so I can show them the points above by, creating a job, grabbing the workfile, clicking the create job, and then accessing the UT report ready to start in View Jobs. Then I can open the report and they can se the report fields poplulated.

## Scenario 2 – Upload Erroneous OCD file

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| Upload Documents | |
| Scenario: | Inspection Management system to reject erroneous OCD (See User Story IMS.RQ.054, IMS.RQ.055a and IMS.RQ.055b) |
| Demonstration | * Try upload an erroneous OCD file * System needs to reject the file * System to identify the error that caused the OCD file to be rejected * Ensure no new report records have been created for any rows contained within the OCD file |

Mujtaba, just check this should be in place, when you try and upload a bad file it should say for example if I use a image in the demo in the overlay it should say: Wrong Format. Please upload the correct format. Please see this link for the correct format: link to the user manual wiki.

## Scenario 3 – Check Workflow

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| Check Workflow | |
| Scenario: | As a system user I want to see how the records (generated from the uploaded OCD or similar) will progress through the system, following the workflow process (View section 6.4 of BRS and Visio workflow) |
| Demonstration | Demonstrate how information progressing through the system:   * Initiate workflow with new report record * Ensure report goes through correct channels * Complete end to end cycle for report approval process |
|  |  |

Here I want to open a new report, then complete as manager, it will ask to notify tech, I want to then send it to technician and then sign in and sign off as tech, then I want to nitify the manager and sign in and out as manager and then finally sign it off and see pdf.   
  
I will need a dummy manager/tech and client login and make sure the notifications emails are working so ill text this.

## Scenario 4 – Audit Trail

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| Audit Trails | |
| Scenario: | As a manager I need to check an NDT report from a specific date, as requested by BES for insurance purposes (See user story IMS.RQ.045) |
| Demonstration | * Go into a partially completed report record * System needs to display an audit log at any point a change has been made to the report, displaying Username, Date and Time of when the change was made * Make a change to the report record and go back to the audit log and confirm, if the audit log has captured a new entry |

Ok, I know this is on sonomatic and applus, I want to use advanced search, I want to make a edit to a report which records the edit and crates the R1 scenario, it then shows the log of the edit and we should be able to demonstrate this.   
  
I want to Open completed report, click External Edit, it should then allow me to change one of the fields, and then it should have the pop up say add comment, it should then store my comment, log my details and change the report too -r1 – im sure this is live on ab

## Scenario 5 – Defect Notifications & Alerts

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| Notifications & Alerts | |
| Scenario: | As a site engineer I need to be notified immediately of any defects identified during the NDT (Please see User Story IMS.RQ.011) |
| Demonstration | Demonstrate how the system:   * Able to flag a report record as a defect * Ability to distinguish active reports flagged as defect to other active reports within the system |

I don’t think we show defects column on the reports page can we? Can you add a column on the demo reports page Defect – then we can indicate reports that have failed

## Scenario 6 – Reporting

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| Reporting |  |
| Scenario: | As a Senior Manager I want to be able produce a report that details the number of NDT’s awaiting, the number in progress, who they are held with and the status of the outage |
| Demonstration | Demonstrate how the system can:   * Generate an ad-hoc report selecting parameters within the reports * Save created ad-hoc * Present the total number of tests to be completed and how many are ‘in progress’ * Ability to drill down to look at who the reports are sat with and for how long * Email report or link he report to key users |

This one is the only one I don’t think we can show them, I can show them the status buttons from ab but I thin they want to create a supervisor report saying there are currently 50 reports in this job, 36 are completed 10 are defect and 5 have been completed – then they will be able to look at this in more dtail.

## Scenario 7 – Report Duplications

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| Duplications |  |
| Scenario: | As a User of the IMS, I want the system to identify any duplicate reports or NDT requests (Please see user stories (IMS.RQ.021a and IMS.RQ.021b) |
| Demonstration | Demonstrate how the system will:   * Recognise a duplicate report that has been created either through the OCD file or a manual new request * How the system reports the duplication |

This already on the system when a new job is created with the same JobNumber, it usually has a pop up to indicate this. Its in AB  
  
So for the demo I think we use a clone of Ionix and one of the Applus ones who show the other points above.

## Version Control

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| --- | --- | --- | --- |
| Version | Date | Author | Comments |
| 0.1 | 05-Nov-18 | Katie Pinder | Creation of document |
| 0.2 | 12-Nov-18 | Ahmed Alhalaki | Addition of scenario’s |
| 0.3 |  |  |  |