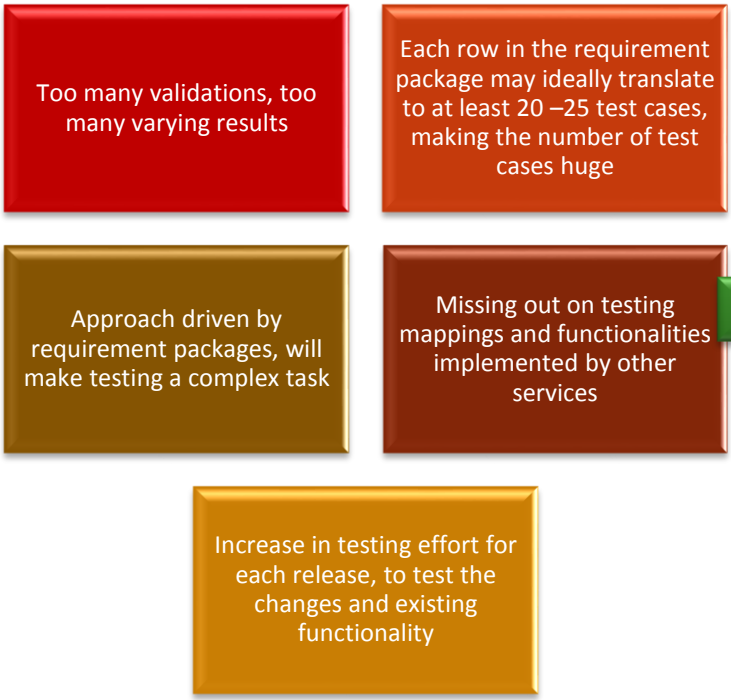


Testing Utility

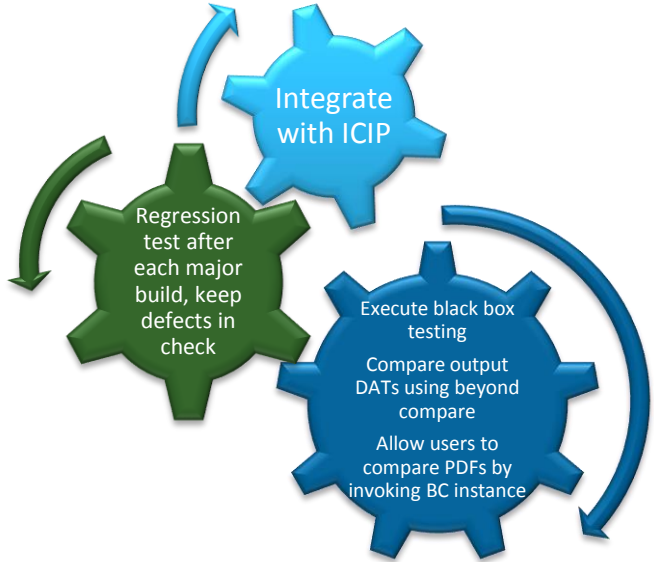


Testing Approach

Challenges of testing



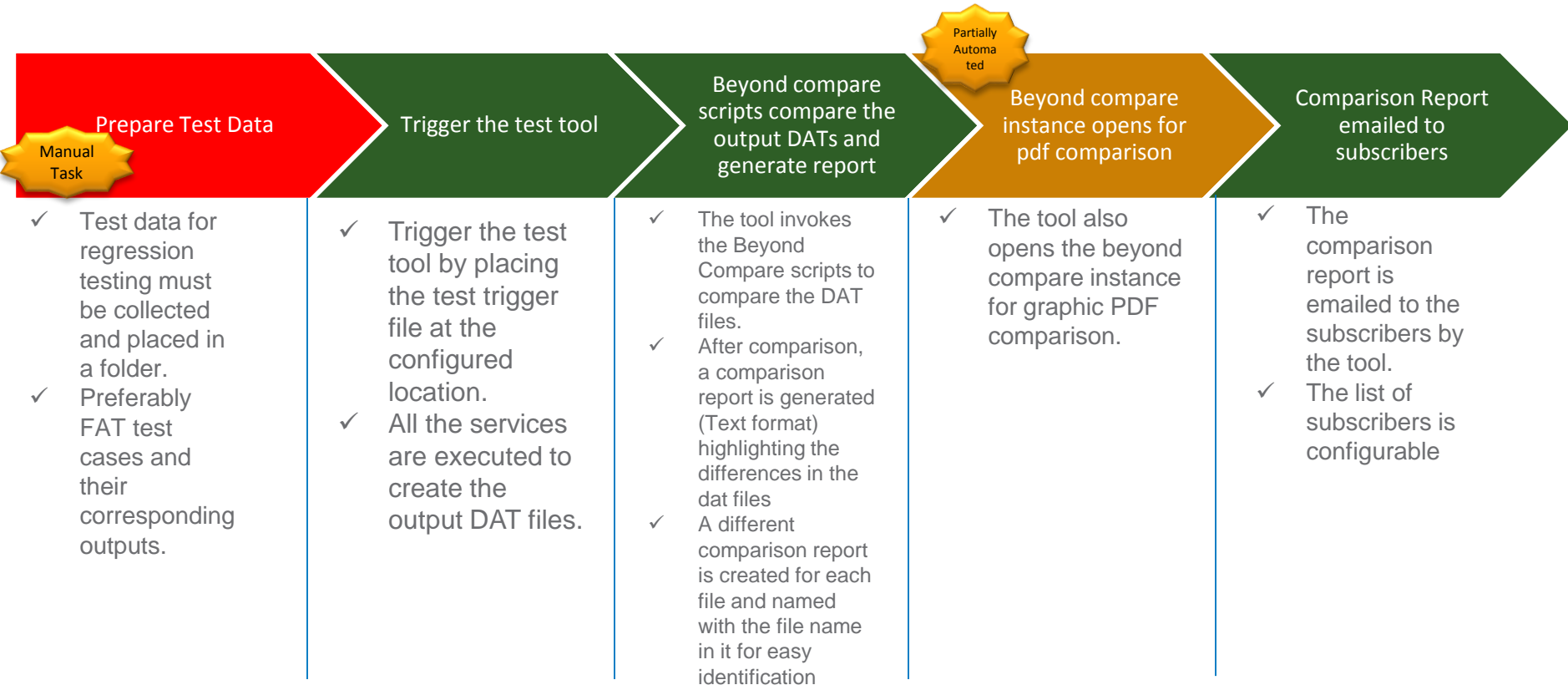
Resolved by testing the functionalities and comparing final outputs instead of intermediate outputs



Automated Testing Tool: Overview

- The Scope of this tool is in regression testing, wherein we have many files to be processed and involves time taking process to make a copy of file and test various test cases
- large file comparison tool(single or multiple files) using Beyond Compare to automate regression testing. This tool can be used for any type of file comparisons (.txt, .DAT, .PDF etc.).
- This tool has automated process to compare files and generate report for the same.
- This tool can be extended for other test phases with minor customization

Automated Testing Tool



How to utilize this tool for Unit Testing

Partial Automation

- This tool partially automates unit testing.
- Since tool comprises of a large number of functionalities, the validation of output is best done through human eye.

Standardized Unit Testing

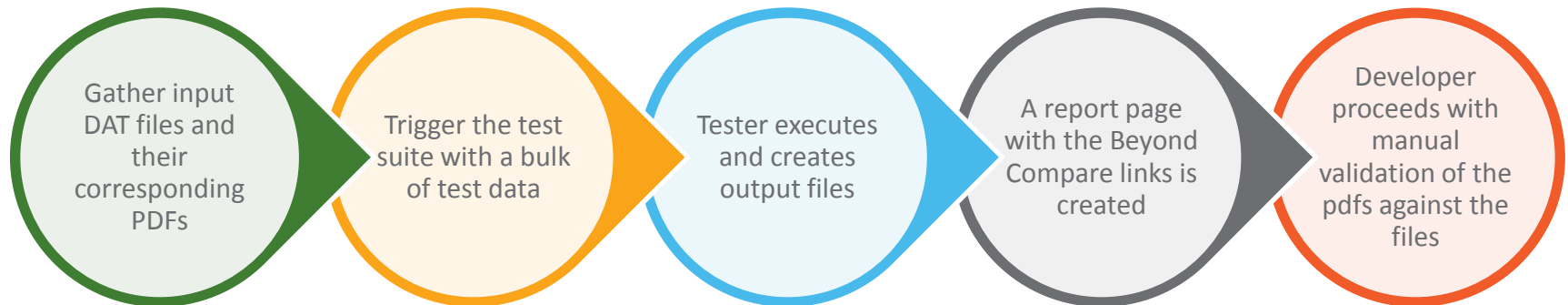
- Creates a process around Unit Testing by enabling the developers to compare PDFs using beyond compare
- Since the PDFs are validated by the dev team, data provided by services is also validated

Wider coverage of test cases

- Max case test scenarios can be validated, thus providing a wider coverage of test cases.

Save time with batch trigger

- Developers need not wait for each file to process and complete.
- The batch of files can be triggered at day's end. The tool creates a report with links for BC instances with the exact LHS and RHS file for validation. The developer has to just click on those links and begin the pdf validation.



Thank You