Tricentis Data Integrity

Drive better business outcomes through data you can trust

Tricentis
Data Integrity

Glenn Crossman, NatWest

Glenn Crossman is an accomplished Agile Transformation Lead Product Manager with over 30 years of experience. Glenn utilizes results-driven methodologies, strong business acumen, and servant leadership influences to fully maximise quality and value of delivered products within leading software enterprises.

Andy Spires, Tricentis

Andy Spires is an international sales leader with 20+ years of experience in driving innovative solutions to satisfy customer demands. In his current role, Andy helps customers digitally transform with decisions made on quality assured and trusted data.

- Programme Overview
- Challenges & Objectives
- Approach
- Conclusion
- Results

Business Objectives

Deliver high value faster to meet customer / consumer needs

Increase Automation % of anything that can be Automated, from 15% to 80%

Enable feature teams to be self sufficient with test data and automation

Business Challenges

Problem

Delivering potentially shippable code every sprint requires feature teams to be self-sufficient with test automation and test data

Challenges

Script-based automated testing solutions require highly skilled software engineers

These automation engineers are getting harder to find at scale, and are expensive

Approach

Purpose

- Clear goal, vision, mission… that is easy to understand and can be expressed in a few words. “Deliver potentially shippable code every sprint…”
- Clear definition of done.. What does success look like!

Exec Champion(s)

- Committed to the changes
- Clear roadblocks & secure funding

Change Agent to Lead the Change

- Passionate about the change
- Brings a sense of urgency
- Persistent

Stakeholder Management

- Top SMEs for weekly sprint reviews from development, data, and testing. And Exec Champions
- Concise weekly communications –minutes, recording of demos or key presentations, and next steps

Leading Change, John Kotter

- **Step 1**: Creating a sense of urgency
- **Step 2:** Forming a powerful guiding coalition
- **Step 3:** Creating a vision
- **Step 4:** Communicating the vision
- **Step 5:** Empowering others to act on the vision
- **Step 6:** Planning for and creating short-term wins
- **Step 7:** Consolidating improvements and producing still more change
- **Step 8:** Making

Hypothesis

Buy, don't Build

Out-of-the-Box automated testing solutions are easy to maintain and update, with minimal effort

Tricentis Data Integrity

- No-Code/ Low code, Automated Continuous Testing
- Ability to compare data at scale across multiple data sources
- Model-based tests are reusable and maintainable without technical expertise

Metrics

Metric	Focus	How to measure?	Achieved
Percent Component Integration Testing (CIT) testing completed in sprint	Encourages there to be more automation. Automation is a key enabler for completing testing	Easy to measure by reporting on % of test cases linked to user stories are done or not	50%
Percent Component Integration Testing (CIT) Automation coverage	Basis for knowing whether we are making progress to automate everything that should be automated	What are the total number of tests that should be run to have a basis for reporting automation coverage?	70%
Percent increase in test coverage	Quality improvements	Easy to measure	200%
Percent increase in CIT defects	It encourages more tests that are possible with automation to find more defects and finding defects before deployments a good thing	Easy to measure	50%
Regression Testing time saved	Delivering higher value faster is the objective	Easy to measure,. A tester manually tests between 15 and 30 tests a day	35%

Questions?