

AIRT

Automated Intelligent
Regression Testing



BRICKENDON

BRICKENDON TESTING PRINCIPLES



QUALITY
+
QUANTITY

Quality and Quantity are mutually reinforcing and are not trade-offs. A higher quality of test case will allow a larger quantity of testing and vice versa.

QUALITY
MEASURED

Quality must be quantified. Qualitative customer satisfaction is the evidence not the measure, of success.

QUALITY
RESPONSIBILITY

Testing teams take total responsibility for quality from requirements through to production.

QUALITY
IMPROVEMENT

Brickendon's testing culture encourages continuous improvement of code quality, testing quality and production management.

CURRENT TESTING CHALLENGES

Most IT departments face several challenges that cannot be addressed with the current test management processes.



Lengthy regression testing period (3-4 weeks per release)



Unpredictable test completion



Low quality code released to production



Longer time to market



High cost defect fixes (as the defects are found late in the life cycle)



High maintenance costs



Reputational and business risk



Bigger and riskier releases

BRICKENDON AIRT

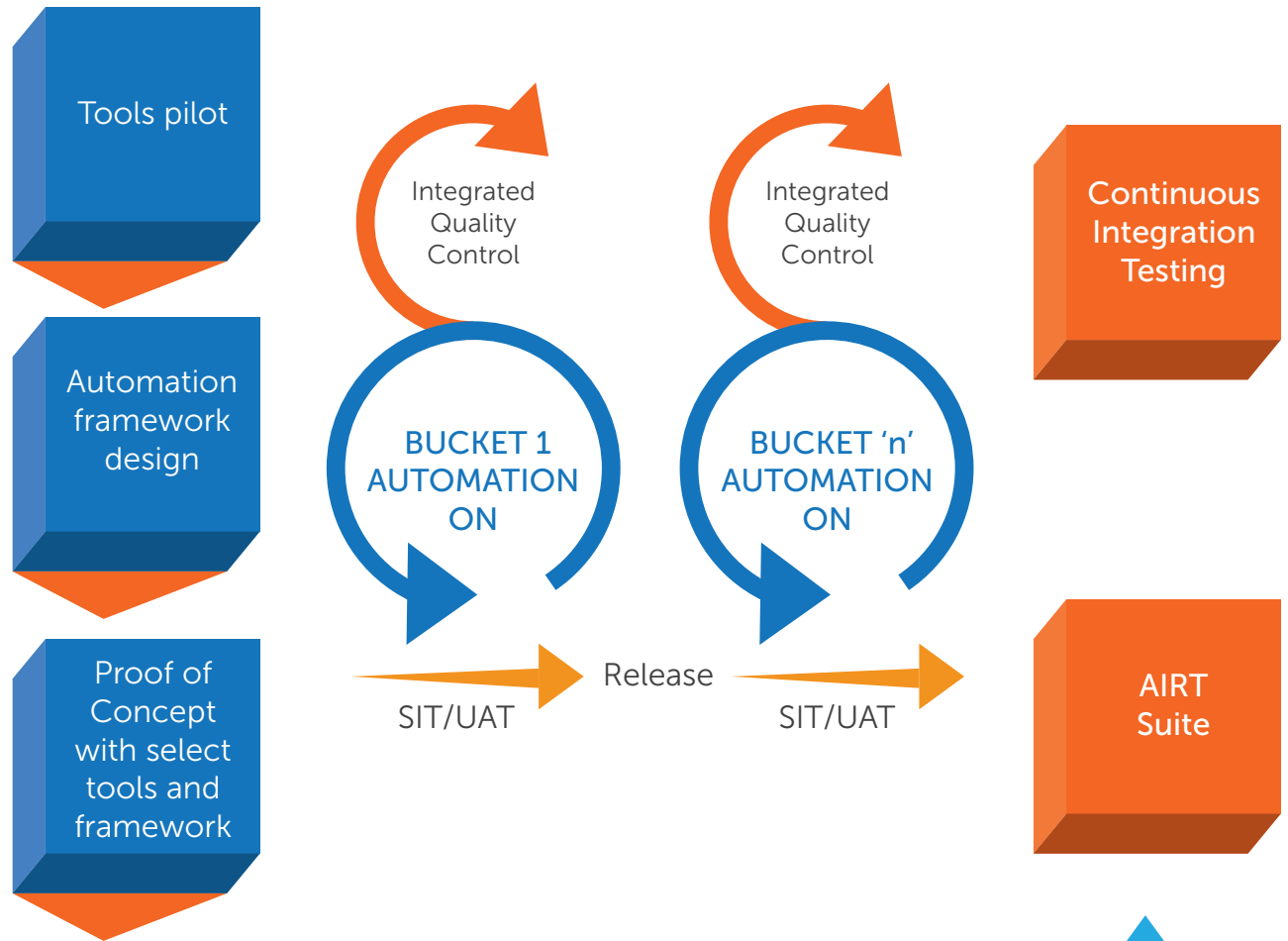
Automated Intelligent Regression Testing



AIRT DESIGN



AIRT IMPLEMENTATION



BRICKENDON BENEFITS



AUTOMATED REGRESSION DELIVERED IN AN ITERATIVE WAY

- Client can realise the benefits within first six weeks.
- The automation pack is robust and easily maintainable



HIGH QUALITY, LOW COST

- Lower maintenance costs due to AIRT, Open Source tools and use of Brickendon's bespoke approach
- Reduced cost of fixing defects- defects are found earlier in the lifecycle.
- Improved code quality into production
- Continuous Integration Testing



SHORTER TIME-TO-MARKET

- Reduced regression time. (Regression testing efforts reduced by 95 per cent in previous implementation)
- Smaller, safer and faster releases



INTELLIGENT REGRESSION TESTING

Right level of regression for each change - saving a lot of time and effort



REDUCED REPUTATIONAL AND BUSINESS RISK



BRICKENDON

For more information, call us on

UK +44 203 693 2605

US +1-646-741-9149

or email us at info@brickendon.com