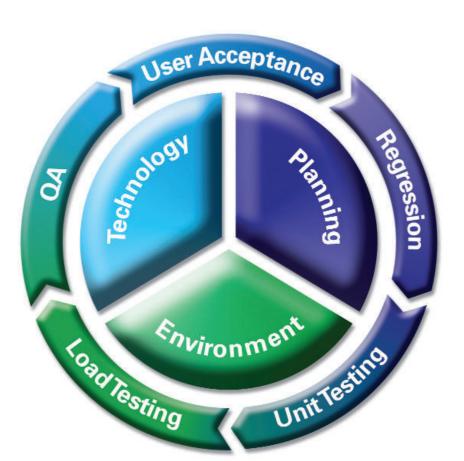
Software Testing - Best Practice

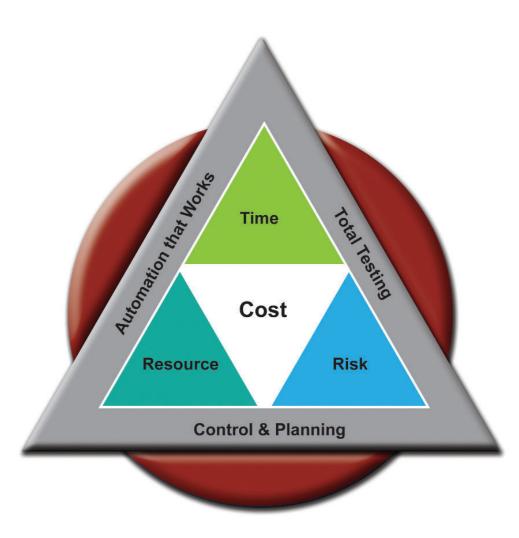


The Testing Lifecycle

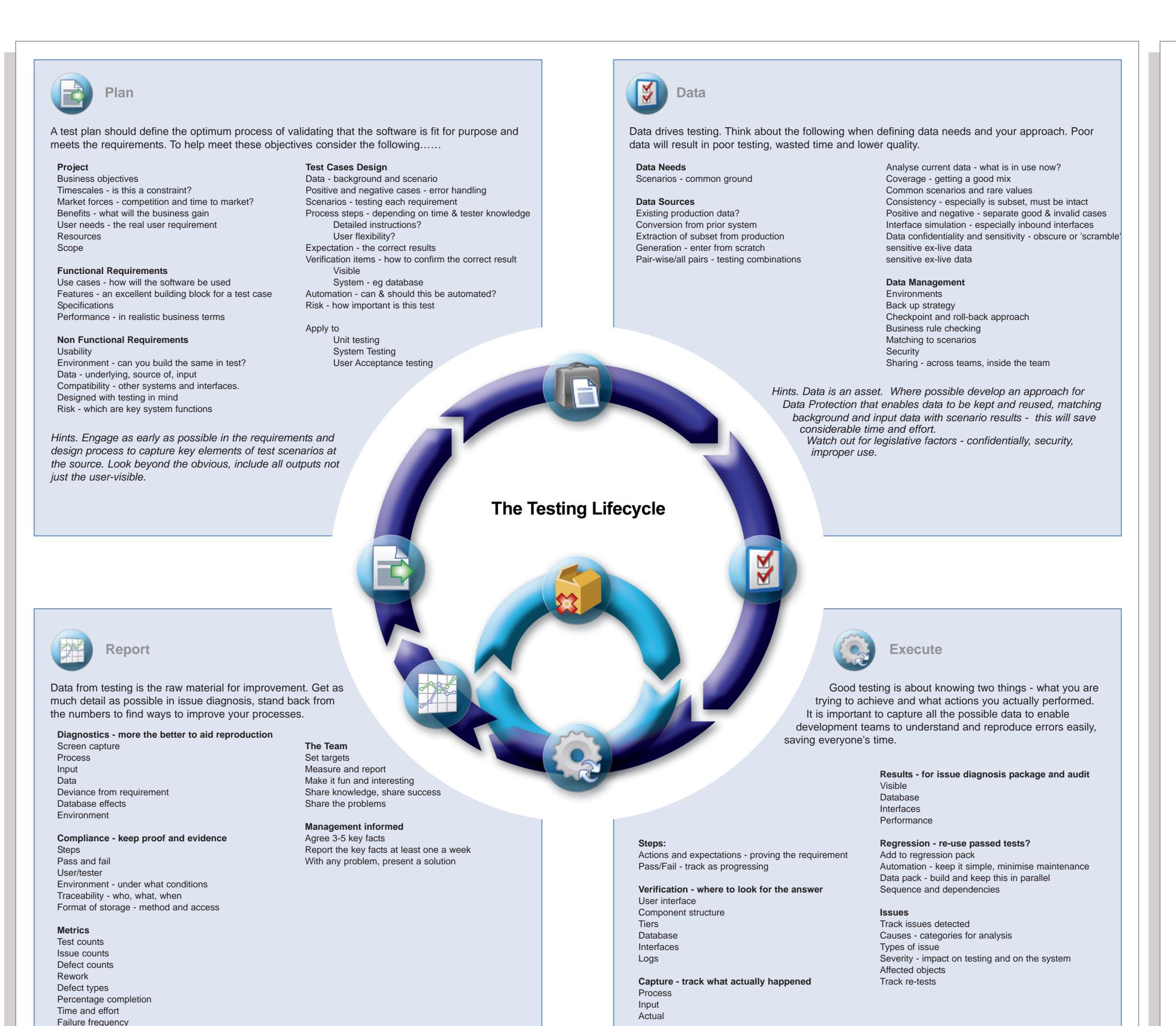


Correctly deployed software test automation solutions can empower all players in the development process by intuitively providing the information they need. The benefits to development time scales, user confidence and ongoing maintenance will be immense.

The Quality Conundrum



Resources, risk and application time-to market are often in conflict as IS team strive to deliver quality applications with their budgetary constraints. This is the quality conundrum.



The key to successful test management is like navigation - you need to know where you are now.

become a data entry exercise.

Distribute task and issue updating into the hands of the testing workforce so management does not

Testing Checklist

Plan:

- Define scope of testing
- Understand Business Objectives
- Define success criteria
- Assess resource requirements
- Agree timescales



Prepare:

- Input data
- Processes
- Expectations

Define:

- Environment Test Data (data extraction)
- Applications



Perform Tests:

- Unit Testing
- QA Testing
- Load Testing
- User Acceptance Testing
- **Regression** lesting



Check/Verify Results:

- Database
- Visual Layer Reports
- Performance



Revise & Improve:

- Build Knowledge
- Increase Coverage
- Feedback to Developers



Report:

- Error Diagnostics
- Management & Auditing
- Metrics
- Compliance



Store:

Hints. Use tools if possible to capture what testers actually do, it will save time in diagnosing and

for audit. Manage data to match the scenario. Review tests for regression suitability.

For **Re-use** Audit ready