

Service : Test Concept

Purpose

All aspects concerning testability and test flow of your device should be evaluated in the early project phase.

We want to advise you to

- develop a feasible test strategy (test system, test hardware etc.)
- avoid test holes
- simplify test by means of design
- calculate the risk

Benefits

Optimal usage of design tools and tester resources is cost efficient. It helps to avoid test holes, long test times and unstable tests.

Sometimes it turns out during test development that a parameter or function is very difficult or even not testable with the planned resources. A change of plans or test system at this time will be a waste of time and money.

Bluetest Expertise

With good communication skills and experience we are able to present all constraints and variables and estimate the risks in order to work out the optimal test solution together with you.

Activities

Participants

The list is determined by the flows and decision-chains in your organisation. It could include design, marketing, application, purchasing, test and production to cover all relevant aspects.

Requirements, Input

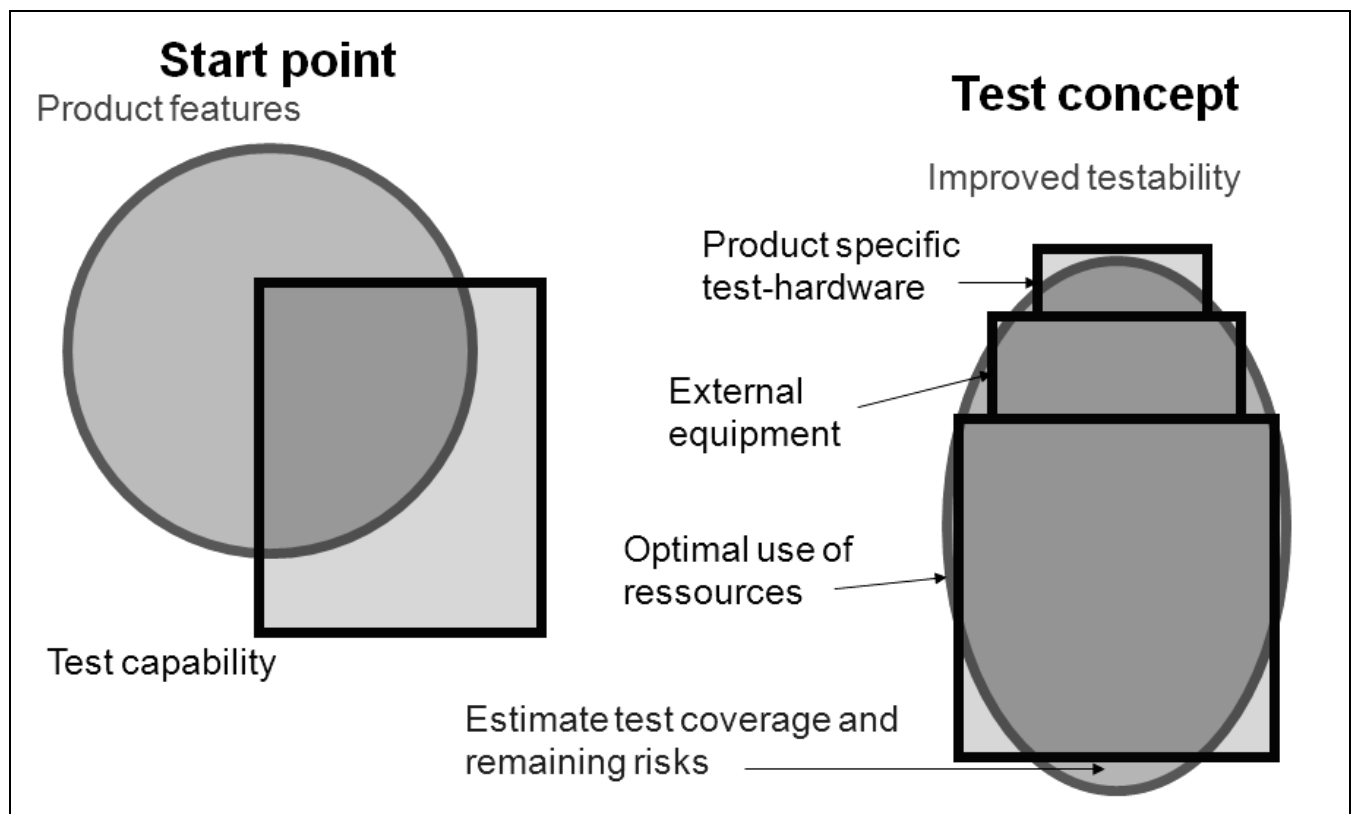
Device description with key parameters.

Constraints concerning e.g. test price, required measurement precision or external stimulus during test.

Performance

After selection of target test system and test strategy a package of specific improvements will reduce the gap between product features and the capabilities of the test setup.

Principle drawing:



Result, Output

A jointly signed test concept which serves as basis for

- test specification
- selection of test service provider
- risk analysis

Bluetest, 13.2.2013