Service : Test Data Recording

Purpose

100% recording and providing of test data from wafer test and final test in stdf-format (=standard test data format). Specified conditioning and analysis.
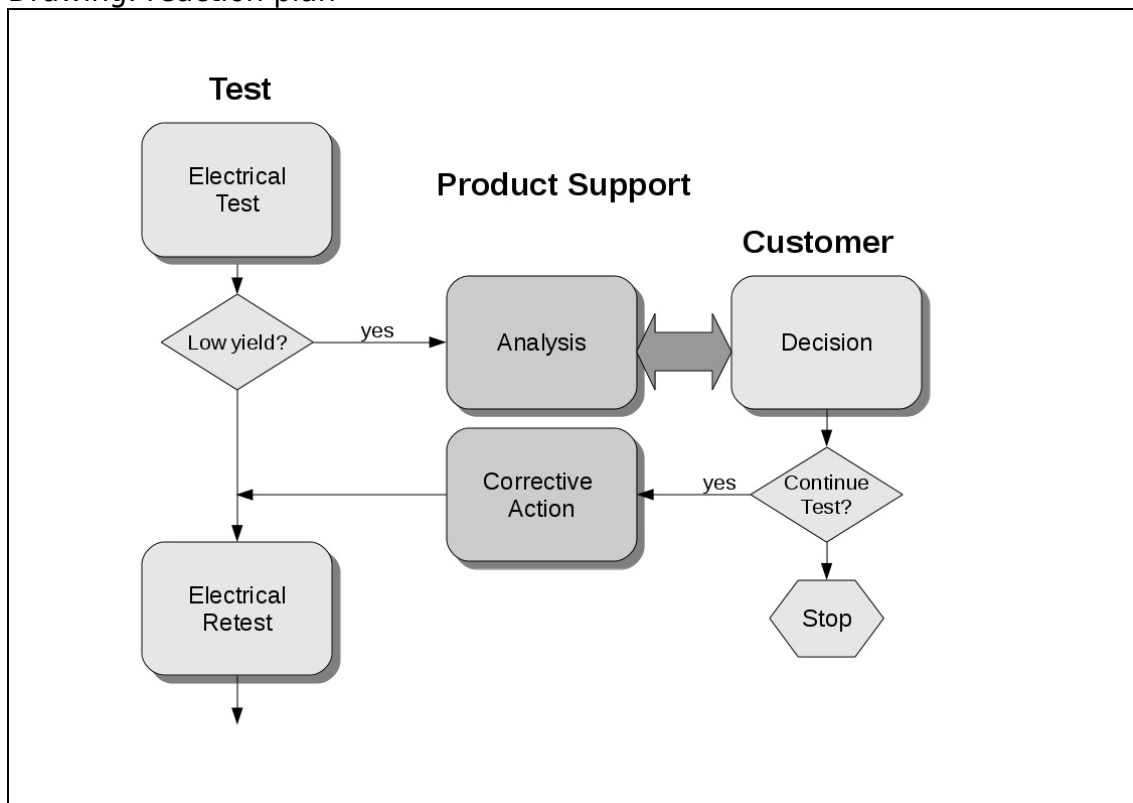
Benefits

Test data are important indicators about quality of products and manufacturing processes.
They play a key role in troubleshooting.
If the yield of a lot under test drops below stop limit the investigation will start with the analysis of the test data of the current lot and the lots before.
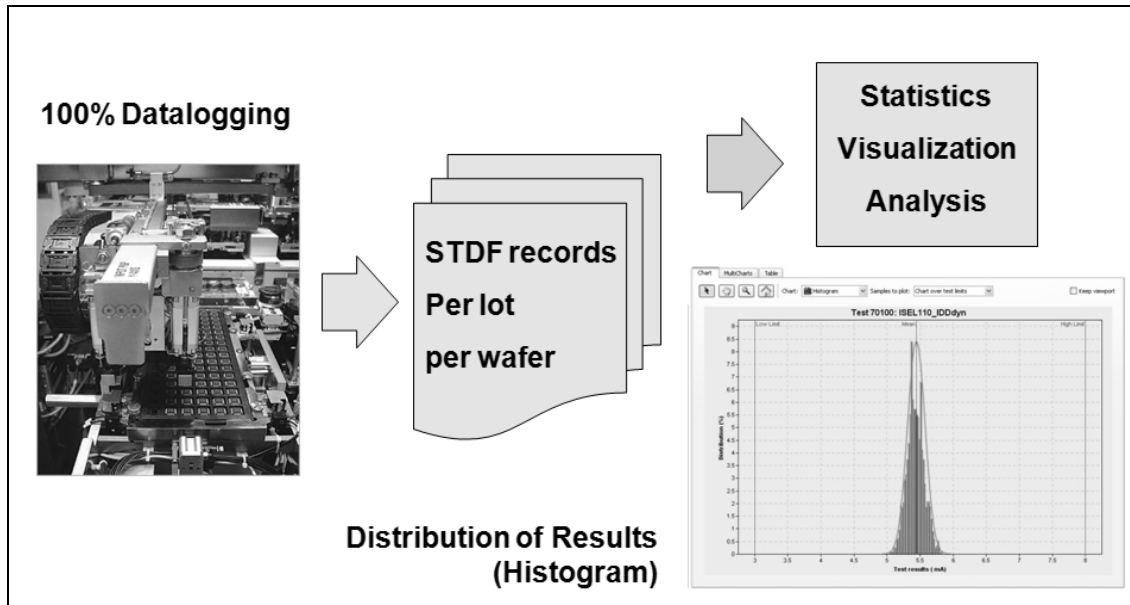The profit is immense compared to the small effort required to collect the data

Drawing: reaction plan

Bluetest Expertise

All our test programs are designed for full test data recording. The procedures support location, integrity and safety of the test data.
The well-proven analysis tools allow various conversions, interpretations and reports.

100% Datalogging

STDF records
Per lot
per wafer

Statistics
Visualization
Analysis

Distribution of Results
(Histogram)

Activities
Participants

Test and test engineer

Requirements, Input

Devices

Performance

During test program setup the operators have to type in order numbers and lot numbers.
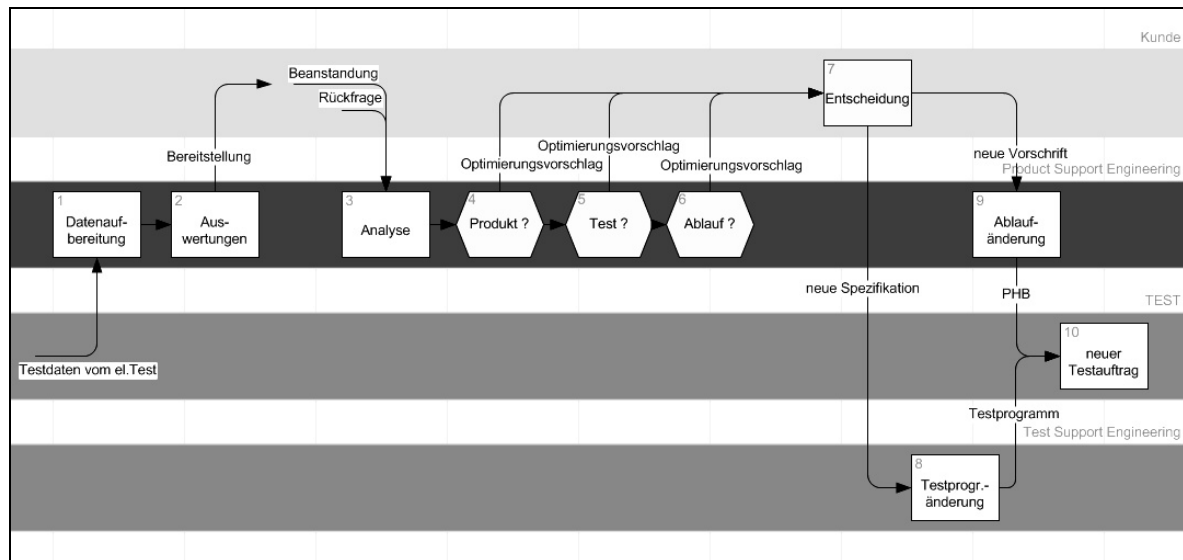They are used to create meaningful file names. Data collection is started with first test and file is closed automatically at end of lot or end of wafer.
Al files are stored and backuped for a 10 years period.

Result, Output

Data is stored on password protected user area on our ftp server directly after test.
If you cannot handle the stdf format we can convert data into many other formats
as csv (EXCEL) and we can provide specified reports in pdf or office formats.

Drawing : Use of test data after test (Source Bluetest QM-Handbook)

Bluetest, 18.2.2013