

VP LinkTM Test Compiler

The Ultimate SIS/ESD Logic Validation Tool

Industry requirements

OSHA 29 CFR Part 1910

Emergency Shutdown systems :
Document each inspection and test,including:
-Date of test
-Name of person who performed the test [..]
-Description of test results

IEC-61508

Part 1,7.18: Information on the verification activities shall be collected and documented as evidence that the phase being verified has,in all respects,been satisfactorily completed.

ANSI/ISA-S84.01

9.7.1: "Periodic Functional Tests shall be conducted using a documented procedure.

IEC-61508

Part 1,7.14 :Documentation for validation shall include:
-Activities in chronological order
-Discrepancies between expected and actual results

IEC-61511-1

16.3.1.1: Periodic proof test shall be conducted using a written procedure to reveal undetected faults...

Test Compiler Functions

HTML Documentation of test results.
Time stamp,scenario and tester names
make the test logs **exploitable**.

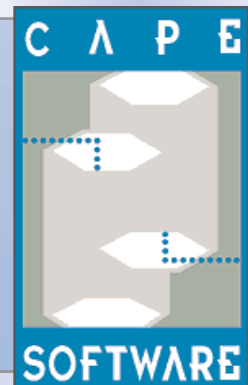
Scenarios can be scheduled to run in
an unattended fashion, making on-going
testing a **cost effective solution**.

Cause and Effect Matrix approach
compares expected and actual values,
**documenting discrepancies
automatically**.

Test compiler Summary:

Connects to your Testing node
writes prescribed inputs
reads outputs, **compares** to expected state table
HTML Documentation of Test results
Test Gateway I/O Mapping
Unattended Testing
Exhaustive Logic Testing
Cause and Effect Matrix Format
Test plan drives the scenarios
Scalable, run simultaneously on multiple clients

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