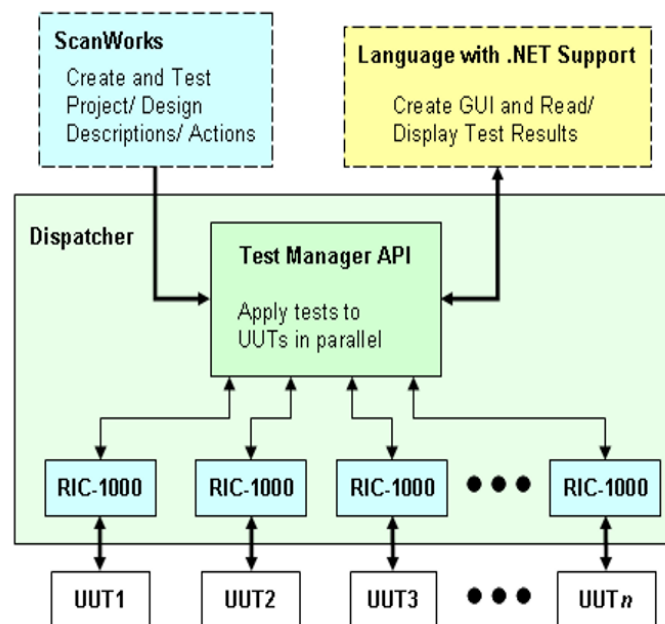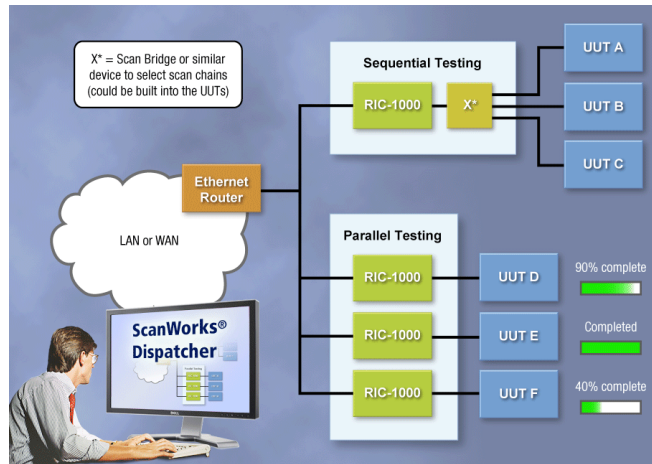**PRODUCT BRIEF**

Dispatcher for ScanWorks® Boundary-Scan Test

Key Features:

- Reduce your cost of test with a low cost boundary-scan test manager
- Accelerate production throughput with parallel test and programming on multiple UUTs
- Test, diagnose or program multiple boards remotely over the Internet or over any local Ethernet network
- Multiply production throughput
- Remote test management
- Simultaneous parallel test and programming of different UUTs
- Remote diagnostics
- Rack testing

Overview

Dispatcher for ScanWorks boundary-scan test enables you to simultaneously test, program or diagnose as many circuit boards as you want. The circuit boards can be identical or completely different designs. Dispatcher is a .NET-based application programming interface (API) so it can be readily integrated into your test executive. You'll be able to connect to local or remote units under test (UUT) over an Ethernet network or the Internet. From the test executive on your PC, you can apply boundary-scan (JTAG) tests, or load software or data into programmable devices already soldered to a board. Imagine the power of remotely running, evaluating, and diagnosing any number of tests simultaneously wherever you have network access. The .NET API is easy to integrate into your test environment.

Test Manager .NET API

Access your ScanWorks Platform tests through any programming language or test executive. Some of the common uses of the Dispatcher API include managing ScanWorks Platform projects/designs/actions, setting up hardware, applying test, and logging test results.

ScanWorks®
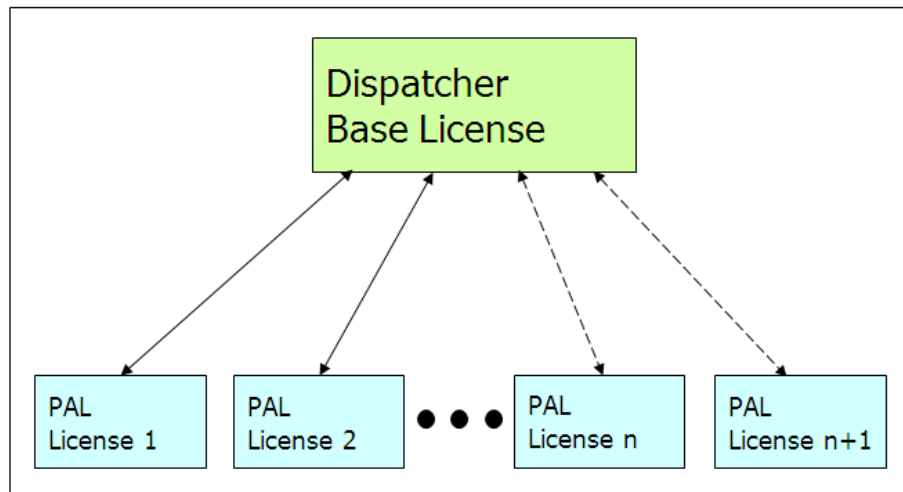Platform for Embedded Instruments

Parallel Test and Programming

Test or program any number of UUTs simultaneously with Dispatcher. It takes advantage of the Remote Instrumentation Controller (RIC) technology that enables each UUT to be tested independently. The test data files are downloaded to each RIC which itself controls the test execution. At test completion Dispatcher retrieves the results and diagnostics in an easy to manage XML format.

Hardware

Dispatcher works in conjunction with ASSET's RIC technology. An RIC controller connected to a UUT communicates over a network with ScanWorks running on your PC. As many RIC controllers as you want, attached to either single or multiple UUTs, can be managed by Dispatcher in parallel.

Dispatcher Licenses and Options

Dispatcher comes with one base license and one counted boundary-scan parallel-access license (PAL). Each additional parallel-access license allows you to communicate with an additional RIC-controller. You can also add an optional parallel-access license for Fast Flash Programming. By adding licenses, and controllers, you will increase your throughput and flexibility.

ScanWorks Platform for Embedded Instruments

ScanWorks Platform for Embedded Instruments is a seamless software environment to access, run and collect data from any instrument in your chips, circuit boards or systems. The ScanWorks Platform includes products for Boundary-Scan Test (BST), Processor-Controlled Test (PCT), FPGA-based Fast Programming (FFP), FPGA-Controlled Test (FCT), Processor-based Fast Programming (PFP), Processor-based Functional Test (PFT), and IJTAG test.

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