

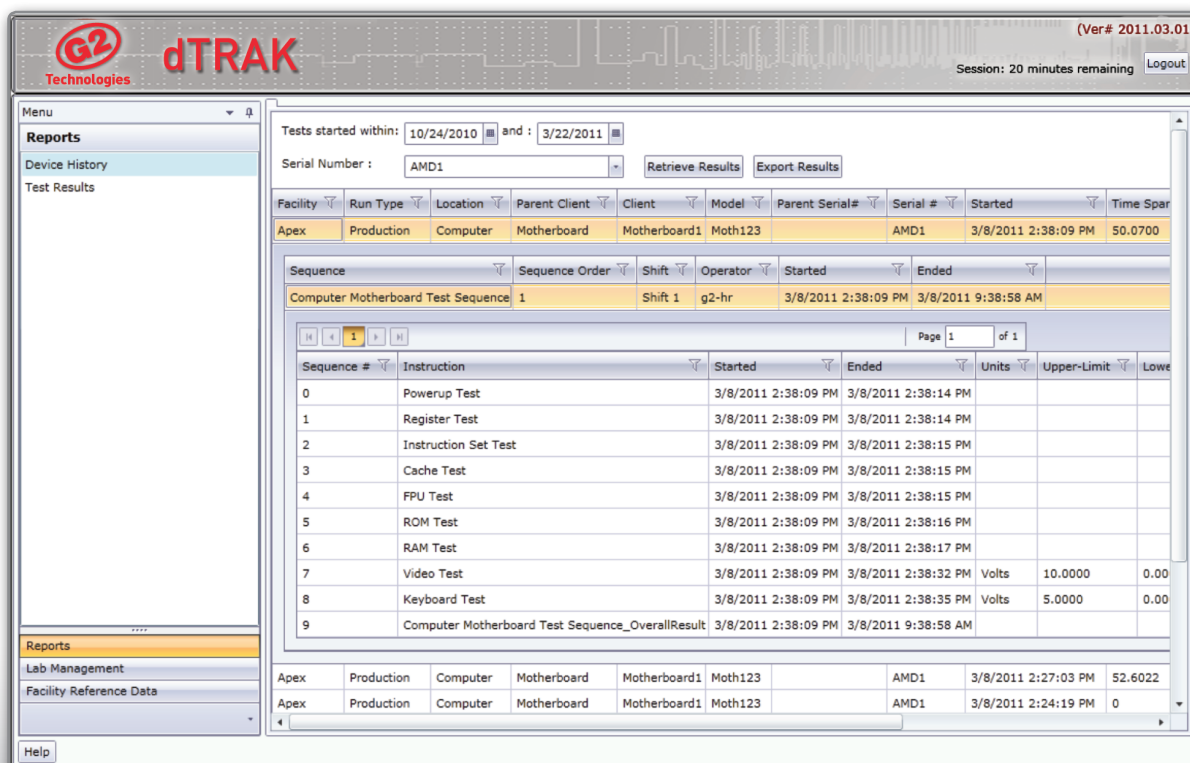
dTRAK SYSTEM

A G2 Technologies Product

G2 Technologies' dTRAK System is an innovative manufacturing and test software designed to centralize, automate and standardize manufacturing, assembly, test, measurement and reporting processes across a broad range of platforms. The application is easily integrated and customized to enforce repeatable best-practices that reduce labor, speed production and improve output quality. A **dTRAK** deployment saves time and money while boosting your competitive advantage!



- Seamlessly integrate equipment from multiple manufacturers
- Centralize and standardize station/line workflow management
- Institute best-practice assembly and test procedures
- Automate testing processes
- Reduce field-identified defects and product recalls
- Identify defects closer to their source
- Enhance data gathering and reporting capabilities for informed decision-making
- Improve operational efficiencies across management, engineering and manufacturing



The screenshot displays the dTRAK software interface. At the top, it shows the G2 Technologies logo and the text "dTRAK". The version number is (Ver# 2011.03.01) and the session time is 20 minutes remaining. The interface includes a menu on the left with options like Reports, Device History, and Test Results. The main area shows a search for tests started within 10/24/2010 and 3/22/2011 for serial number AMD1. Below this, there are two tables. The first table lists test results for a Computer Motherboard, and the second table lists the sequence of tests performed, including Powerup Test, Register Test, Instruction Set Test, Cache Test, FPU Test, ROM Test, RAM Test, Video Test, and Keyboard Test.

Facility	Run Type	Location	Parent Client	Client	Model	Parent Serial#	Serial #	Started	Time Spar
Apex	Production	Computer	Motherboard	Motherboard1	Moth123		AMD1	3/8/2011 2:38:09 PM	50.0700

Sequence	Sequence Order	Shift	Operator	Started	Ended
Computer Motherboard Test Sequence	1	Shift 1	g2-hr	3/8/2011 2:38:09 PM	3/8/2011 9:38:58 AM

Sequence #	Instruction	Started	Ended	Units	Upper-Limit	Low
0	Powerup Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:14 PM			
1	Register Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:14 PM			
2	Instruction Set Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:15 PM			
3	Cache Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:15 PM			
4	FPU Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:15 PM			
5	ROM Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:16 PM			
6	RAM Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:17 PM			
7	Video Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:32 PM	Volts	10.0000	0.00
8	Keyboard Test	3/8/2011 2:38:09 PM	3/8/2011 2:38:35 PM	Volts	5.0000	0.00
9	Computer Motherboard Test Sequence_OverallResult	3/8/2011 2:38:09 PM	3/8/2011 9:38:58 AM			

Management

dTRAK is a comprehensive manufacturing system that provides integrated, centralized plant-level management of manufacturing and test workflow.

Control

dTRAK enables you to institute and enforce standardized, repeatable best-practice assembly and test processes. Eliminate the handwritten procedures, informal practices and conflicting work instructions that reduce efficiency and undermine quality.

Workflow

dTRAK empowers management to centrally define and enforce efficient down-line workflow including instructions, sequence, assembly and test. This consistency greatly reduces data anomalies for more accurate reporting metrics.

Tracking and Reporting

dTRAK offers unprecedented end-to-end tracking of components, sub-assemblies, final products and their corresponding station-to-station test results. Powerful data export capabilities combined with multiple reporting views offer unparalleled insight and analysis of test and manufacturing data.

Integration

dTRAK supports assembly and test stations from multiple vendors through an easy to use central API. This common platform links existing inventory, routing, manufacturing, tracking, test, reporting and data storage systems under centralized access and control.

Off-Line Benefits

dTRAK gathers, stores and reports all the data needed by R&D or off-site labs to replicate manufacturing conditions for an in-depth analysis of production or test issues.

Intuitive

- Easy to deploy, use and maintain
- Assignable user levels include operator, engineer, management and administrator
- Multi-language capable
- Conforms with industry standards, practices, common platforms and IT environments

When you are ready to get your production facilities back on track, invest in G2 Technologies' dTRAK!

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Technologies