

TECHNICAL
OVERVIEW

PathWave Measurement Analytics

PATHWAVE

Your Challenge

Reducing overall time for design and test processes with better insight into test data.

Typical Resolution

Test engineers take problem reports and perform fault isolation, debug and analysis with a slow, manual process, and multiple data sources and disparate software applications.

Consider a Better Way

Easily include powerful data analytics (both descriptive and predictive) specifically designed for electronic tests built upon a common, shared data repository.

Benefits

- Accelerate time-to-market by compressing both DVT and production testing
- Take the effort out of gaining data-driven decision-making
- Utilize data analytics that turn raw test data into decision-support insights
- Correlate multiple variables to identify underlying issues
- Include compliance standards in analysis
- Work with rich graphical data representations instead of raw data and spreadsheets
- Reduce need for engineers to become data scientists

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We will now be able to get insight from all of our data.

– IC Chip Manufacturing

Data Analytics Throughout Test Operations Lifecycle

Improve results from DVT to Production

PathWave Measurement Analytics delivers:

- The vision for a fully automated test and analysis.
- Collaborations and sharing by breaking down silos
- Faster time to market with higher confidence in decision making.

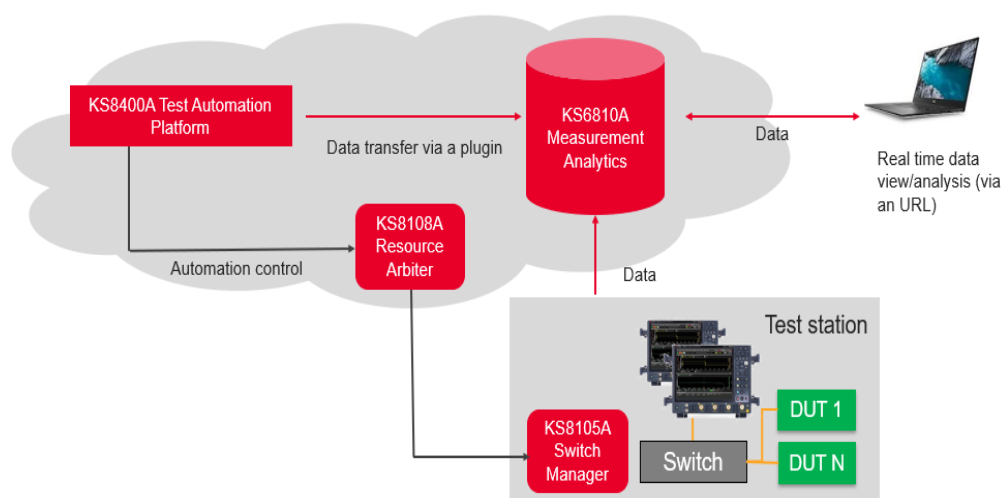


Figure 1. PathWave Measurement Analytics compresses overall design cycle in a fully automated test environment.

Summary

PathWave Measurement Analytics delivers the insights from your test data to accelerate your execution and reduce time-to-market. Built on the PathWave software platform, it offers the opportunity of tight integration with other business-critical enterprise applications and data sources. PathWave Measurement Analytics' data repository provides control of documents and results for distributed teams to enhance collaboration and decision-making.

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus



Improve ROI in 3 Steps

Step 1. See

Utilize data directly from test devices and test software applications

Step 2. Know

Perform descriptive analytics on data to gain deep insights and turn into actionable information

Step 3. Optimize

Perform predictive analytics to understand how changes to tests can affect results

