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Product Brochure

SkyBridge Tools™ Test Manager

Close Out. Get Paid. Get to the Next Job Fast.

SkyBridge Tools™ DAS Test Manager

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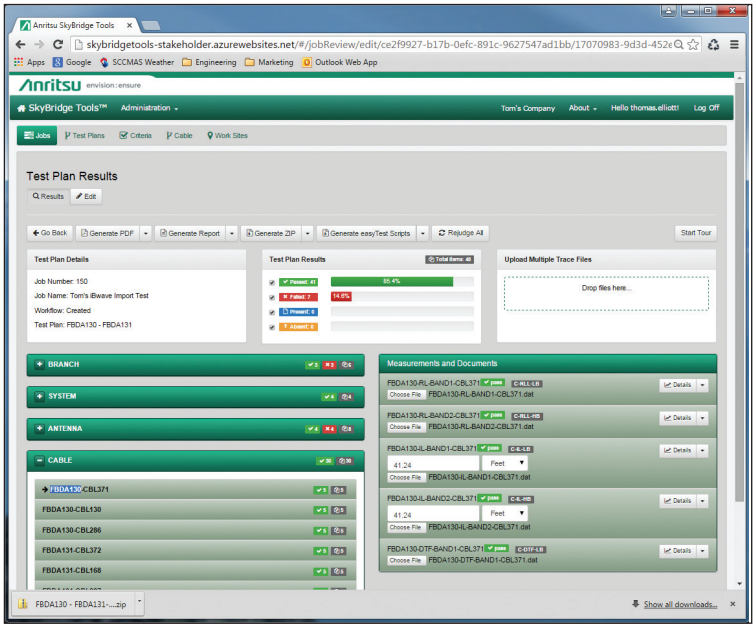
SkyBridge Tools is a cloud based Test Management Tool dedicated to making life simpler for engineers, contractor companies, and technicians involved in the installation and commissioning of in building antenna systems or distributed antenna systems. This easy-to-use and affordable essential service helps everyone involved in cell tower or in-building antenna or DAS system testing communicate tasks, validate measurements, and deliver accurate, timely results.

DAS Needs are Different

The need for documentation of antenna systems is increasing. A typical tower based antenna system might require 50 to 150 measurements, traces, and photos to show that the installation meets quality standards. A DAS, also known as an In-building or Outside Antenna System, may require 1,000 to 15,000 traces, photos, and other deliverables to show that the installation meets performance standards. Each of these deliverables needs to be inspected, renamed, and perhaps have the markers and limit lines set and judged. The manual inspection system that worked well enough for tower work does not scale well for the much larger DAS systems.

Anritsu's SkyBridge Tools™ brings simplified testing processes to the DAS installation workflow. SkyBridge Tools enables reliable and quick creation of test plans, enables fast and accurate testing, and assists in report creation. This leads to less time testing, accurate tests, and reliable payment for work done.

- **One-Button Testing**
  - Eliminates common causes of errors
  - Get it right the first time
- **Reduce Test Cost**
  - Up to 90% reduction in test time
- **Reduce Engineering Involvement**
  - Hours instead of weeks
- **Immediate Visibility of Results**
  - Dashboards visible to registered users
- **Report Friendly output**
  - CSV file with standard format

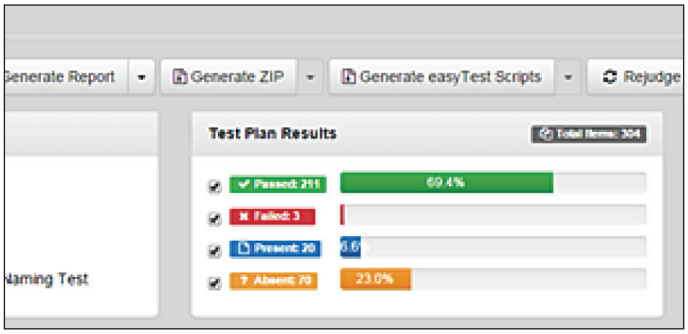


Create Test Plan

Test Plans are the start of the test simplification process. SkyBridge uses a test Wizard to take input from iBwave Designer (third party software) and from customer supplied test criteria. This input is processed to create detailed Test Plans. These Test Plans enable test sequencing, job progress tracking, trace judgement, and report generation. Thousands of tests can be created in a few minutes with the assistance of the Test Plan Import Wizard.

Test Sequencing

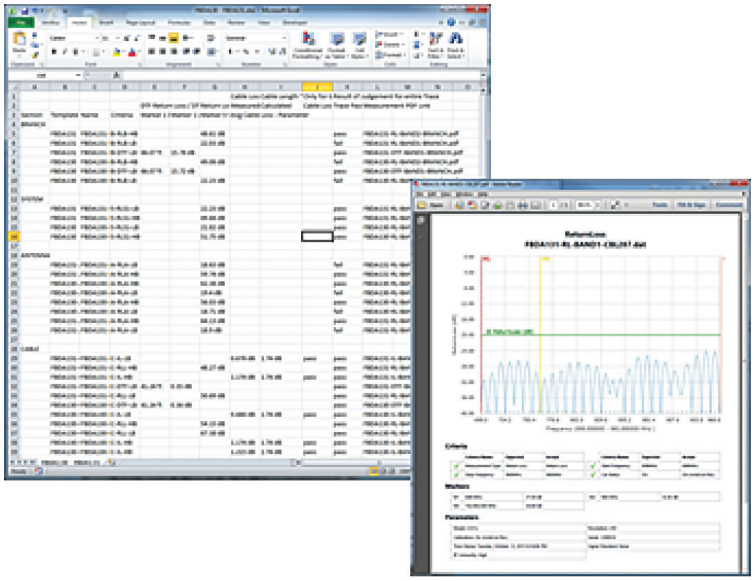
Once a test plan is created, one button press will create a set of instrument control scripts (easyTests) for that test plan. Necessary tests as well as accurate instrument setups, limit lines, and required file names for the resulting traces are included in the scripts. These scripts can then be run on the instrument, greatly reducing technician workload. Test time reduction of 50% to 90% has been observed, with increased accuracy. In many cases, failures will be visible while the cable is still connected to the instrument. Missing or duplicated tests, mis-configured setups, and mis-named traces are now a thing of the past.



Reporting

Dashboards that report Pass/Fail and Present/Absent judgements gives everyone involved visibility of job status. Technicians can see results as soon as traces are uploaded, and replace failed traces if necessary. Engineers and managers can track job progress accurately and with minimal effort.

There are several choices for the final report. Traditional PDF or zipped reports are available, of course. However, reporting is also available in a CSV format, with one row per test. Each row contains the test name, the criteria, a significant number for the measurement, a pass/fail indication (even for cable loss), and a link to the PDF of the trace. These reports automate what has been a tedious process in past.



Close out, get paid, and get to the next job fast with Anritsu's SkyBridge Tools™ Test Manager.

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