Anritsu envision : ensure

SkyBridge Tools
Test Manager

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

Anritsu's SkyBridge Tools™ Test Manager lets you:

Prepare		Line Sweep		Customer
Test	*for*	OTDR	*by*	Job
Report		PIM		Location
RF or Optical				

Business Model — TOTAL PORTABILITY

Each annual subscription includes licenses for up to 5 Anritsu devices

Transferrable to any piece of equipment that is supported by SkyBridge Tools.

Security — TOTAL SECURITY

Powered by Microsoft Azure Cloud Platform (PaaS)

Same class of security used by banks and government agencies.

Data — TOTAL CONTROL

Online and offline capable

Customer owns their data. Period.

RF Testing is Changing

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.

Fiber Test Documentation is Complex

Managing fiber tests results is a lengthy, expensive, process. For example, a backhaul cable with 144 strands might need OTDR tests at three wavelengths and in both directions, which works out to 864 OTDR traces. In addition, the cable may need 2 VIP inspection tests per strand for another 288 results. That's 1,152 results for a 144 fiber cable to ensure that the installation meets quality standards. And there are a lot of cables in a backhaul.

In either case, DAS or Fiber test, the instrument setup and file saving/naming alone is a significant work load. That's not even counting the trace and VIP judgement effort, or any required installation photos. In addition, each of these deliverables needs to be inspected, perhaps renamed, and even have the event thresholds adjusted. The manual inspection system that worked well enough for lower strand counts does not scale well for the much larger strand counts, or data center work, being done today. Anritsu's SkyBridge Tools™ brings simplified testing processes to the RF cable, Antenna, and Fiber 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.

Create Test Plan

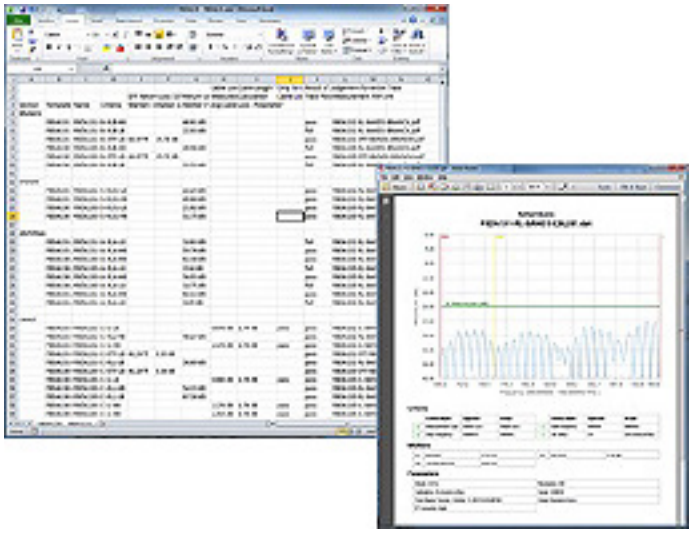
Test Plans are the start of the test simplification process. SkyBridge takes input from iBwave designer, Excel, and from customer supplied test criteria. This input is processed with the assistance of a wizard to create detailed Test Plans. These Test Plans enable test sequencing, job progress tracking, trace judgement, and report generation.

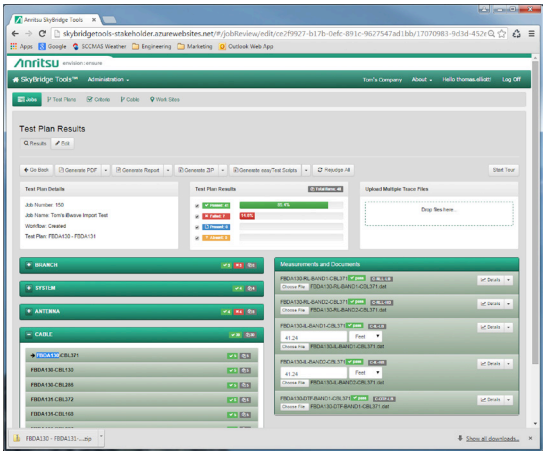
Test Sequencing

Once a test plan is created, one button press will create a set of instrument control scripts for that test plan. Necessary tests, accurate instrument setups, limit lines, and accurate file names for the resulting traces are included. These scripts can then be run on certain Anritsu instruments, greatly reducing technician workload. 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

There are several choices for reporting. 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 PDF of the trace. These reports automate what has been a tedious process in past.





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

11410-00872, Rev. E Printed in United States 2016-12