

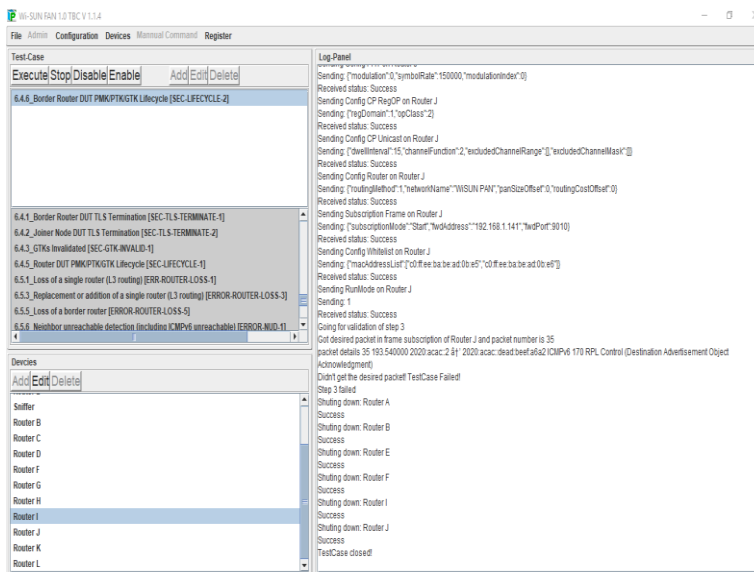
## General Description:

### Wi-SUN FAN Test Bed Controller (TBC)

Wi-SUN FAN Test Bed Controller is an *Agile and customizable* software tool developed and designed by Procubed Inc. The TBC can minimize the effort of Test and Verification process of Wi-SUN Alliance FAN specification, conformance and certification.

Procubed is the official supplier of Test Bed Controller for Wi-SUN Certification to various Test Labs.

Test Bed Controller embraces technological innovation by being adaptable to all types of unique, diverse, and cutting-edge FAN devices in the emerging world of IoT.



### Features:

Test Bed Controller will ease the process of obtaining certification.

Test Bed Controller is an integrated platform that automates testing FAN capable devices.

Test Bed Controller provides the following services:

- ✓ **Configure** - Automatically configure devices to execute test cases.
- ✓ **Test** - Execute test scripts by controlling test bed device operation.
- ✓ **Result Analysis** - Determine pass/fail results based on a given test case or script criteria.
- ✓ **Test Report** – Automatically generates the test report for the certification testing.

Procubed Test Suite accomplishes the services through the following components:

- ✓ **Test Bed Controller Application**
- ✓ **Sniffer (ProShark)**
- ✓ **TBU (Test Bed Units)**

### System Benefits:

- Highly automated features saves time for testing.
- Developers can perform all testing and in-house validation of the Wi-SUN FAN Conformance Test Plan test cases for assurance of compliance with any Wi-SUN FAN devices.
- Essential Tool for FAN Certification Pre-Validation.
- Can be used to demonstrate the compliance.

### Related Products:

**Pro-FAN1x:** Procubed Wi-SUN Field Area Networking Stack. It is hardware agnostic and easily portable.

**Pro-ETB:** An Embedded test bench, which is easy to configure to do any kind of embedded device testing over Serial, USB, Ethernet Interface. Configurable to perform all different Wi-SUN profile Certification validation.

**ProShark:** A protocol analyzer for Sub 1Ghz RF network.

### Procubed Inc. ([www.procubedinc.com](http://www.procubedinc.com))

Procubed is the leader in wireless communication technology, providing a one stop solution for complete system level designs and end-to-end solutions. Procubed firmly believe in partnership models to enable our customers to lead in their respective fields. We enable our customers to enter their target IoT markets through innovative ideas and complete solutions. We assist in executing the right corporate decisions to justify return on investment and time to market. [info@procubedinc.com](mailto:info@procubedinc.com)