

DATA SHEET

# QualityLogic Wi-SUN Test Tools

**QualityLogic has developed the official Test Bed Controller (TBC) for Wi-SUN FAN v1.0 in partnership with the Wi-SUN Alliance. QualityLogic provides additional engineering and support services for Wi-SUN FAN testing and certification.**

## KEY BENEFITS

### Approved by Wi-SUN Alliance

QualityLogic's Wi-SUN test tools and services were developed for and are officially approved by the Wi-SUN Alliance.

### Automate FAN v1.0 Conformance and Interoperability Testing

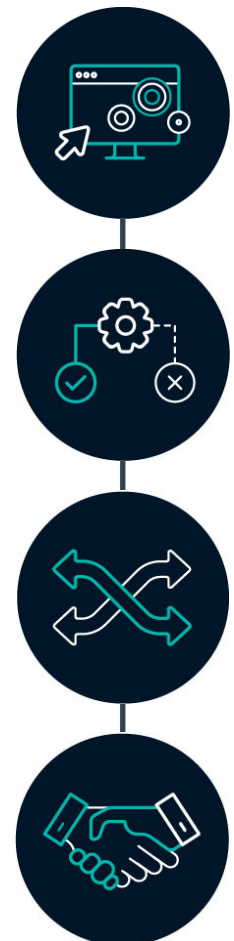
The TBC accurately implements the official Wi-SUN FAN v1.0 Test Specification to enable automation of the testing to determine conformance and interoperability of a FAN v1.0 Router.

### Reasonably Priced

The TBC and associated Maintenance Contracts are priced to encourage their adoption by both the certification test labs and OEMs developing FAN v1.0 routers.

## OVERVIEW

Wi-SUN technology adoption is forecasted to see significant growth in the coming years and adopters of the technology will mandate that products are certified to Wi-SUN conformance and interoperability standards. The Wi-SUN Alliance has partnered with QualityLogic, the leader in testing and certification test tools for utility grid edge standards, to develop a test automation system for the FAN v1.0 certification testing.



## SOLUTION AT A GLANCE

To assist companies in the development of Wi-SUN FAN v1.0 compliant products, we have developed the official Wi-SUN FAN v1.0 Test Bed Controller (TBC), as well as provide Wi-SUN FAN v1.0 Test Bed Design & Assembly Services.

## WI-SUN FAN V1.0 TEST BED CONTROLLER (TBC)

The TBC is a software application that initiates FAN 1.0 traffic on a test bed consisting of multiple routers and other supporting hardware. The TBC is designed to manage the Wi-SUN defined FAN Conformance and Interoperability testing on the Wi-SUN defined test bed specification and is based on the following specifications:

- 20190501-FANWG-Certification Test Bed Specification 0v05.pdf
- 20141115-TCWG-FAN-Conformance-Test-Spec-v70.docx
- 20181213-TCWG-FAN-Interoperability-Test-Spec-0v05.docx

## WI-SUN FAN V1.0 TEST BED DESIGN & ASSEMBLY SERVICES

QualityLogic provides a Wi-SUN FAN v1.0 Turnkey Test Bed as a service. This service includes procurement, pre-assembly configuration and testing, shipping, and support for re-assembling and commissioning the FAN v1.0 Test Bed. The Turnkey Test Bed is shippable globally and includes detailed instructions on assembly, operation, and troubleshooting, as well as initial start-up support.

All QualityLogic Turnkey Wi-SUN Test Bed conforms to the most current version of the FANWG Certification Test Bed Specification.

## SAVE TIME AND MONEY

QualityLogic can help you save time and money as you look to implement and certify a Wi-SUN FAN v1.0 device. Call us at **(208) 424-1905** or email us at **info@qualitylogic.com**.

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