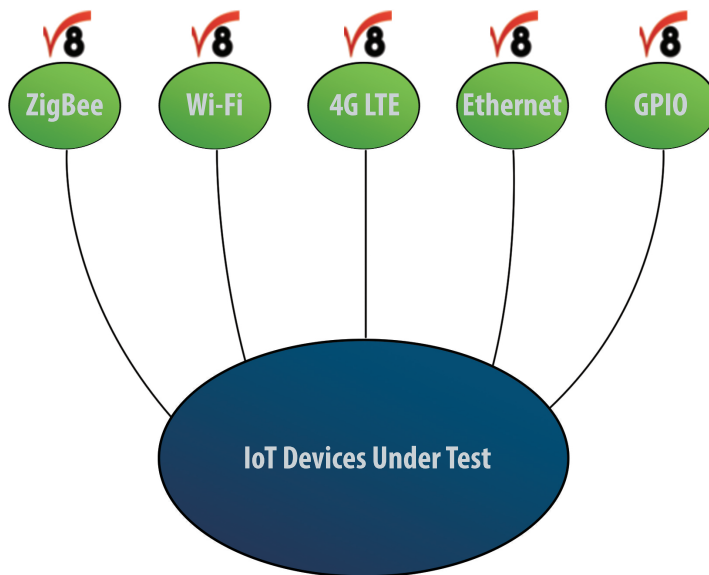


# IoT CONFORMANCE

## EMBEDDED DEVICES



The Valid8 Internet of Things (IoT) Conformance Tester provides a cost-effective solution for validation of IoT devices. It is a fully automatable solution that addresses the unique challenges brought by IoT testing by supporting a wide range of protocols, industries, and manufacturers.



### FEATURES

- Can test a wide variety of L1 protocols and interfaces including ZigBee, Wi-Fi, Ethernet, 4G and GPIO
- Supported L7 protocols include CoAP, MQTT, HTTP REST, XMPP, and custom protocols
- Cross-domain protocol support
- Fully automatable using HTTP REST API
- Alerts and notifications
- Scalable architecture
- True stateful simulation / deterministic behavior
- LTE -U/-N support
- Network impairment simulation
- Generate valid and invalid/negative messages and scenarios including malformed, dropped, and misordered packets (fully editable scenarios)
- Signaling request/response messages for handling, mobility management, authentication, QoS
- Check parameters in messages from SUT and flag errors

### BENEFITS

- Independent verification of IoT device conformance across a number of scenarios
- Fully editable scenarios allow for easy creation of new test cases
- Reduces costs by eliminating need for developing and maintaining proprietary tools
- Easy access to results using dashboard or API
- Ability to integrate and test custom protocols
- Finds the issues in your device before deployment