

IoT Load Tester



The Valid8 Internet of Things (IoT) Load Tester provides an all-in-one, cost-effective solution for emulating and testing against large numbers 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

- Ability to simulate an entire city's worth of IoT devices!
- Supported 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



IoT Infrastructure



APPLICATIONS

- SaaS development
- Device development
- Regression testing
- Performance testing
- Latency Testing
- Cloud / back office scalability testing
- SLA verification
- Stakeholder demos
- Trade shows
- Diagnosing slow up/down link issues, cloud & local "debounce"
- Re-syncing after power loss
- LTE/-U/-M development