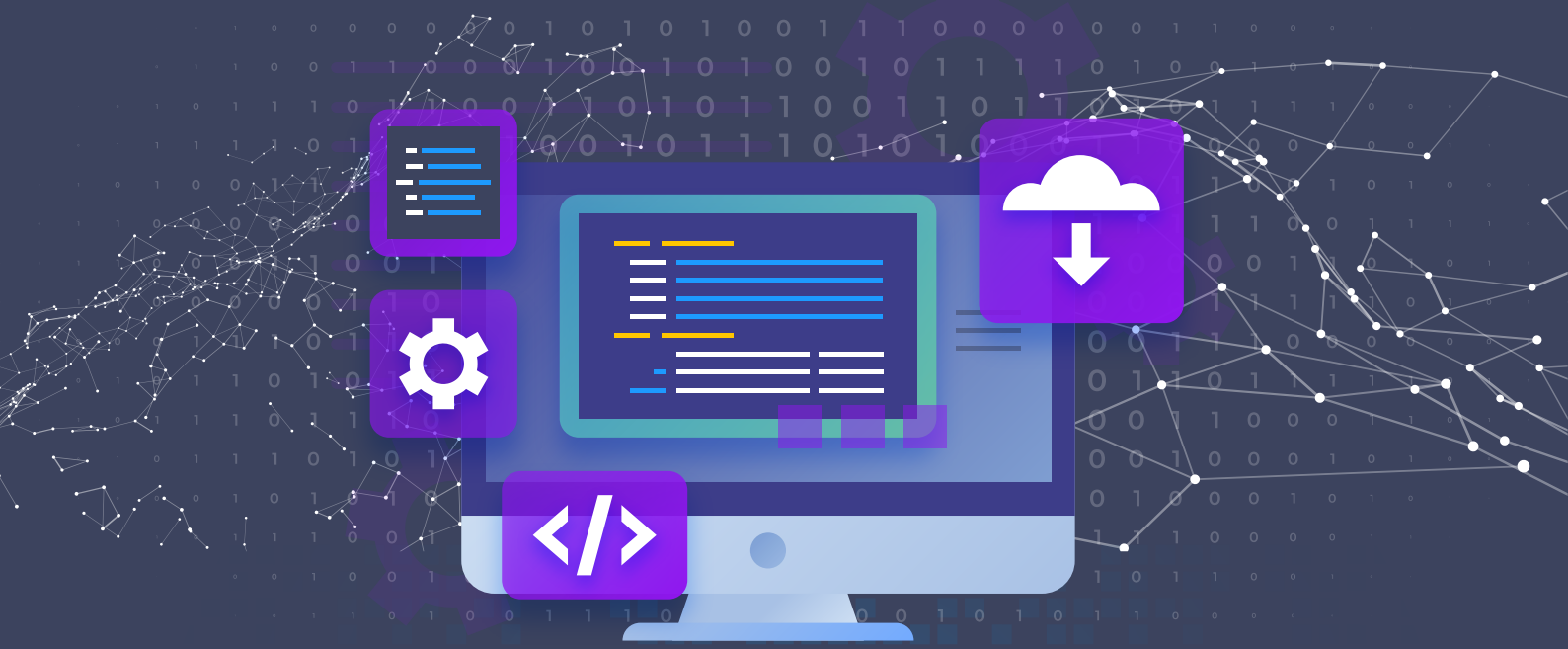
An Award Winning IoT Security Platform

With features that will win your heart <3



IoT Auditor

IoT Auditor Features

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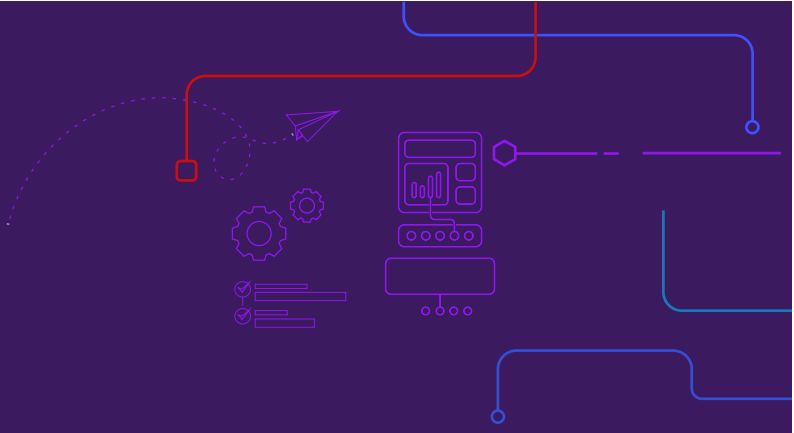
1. Overview



IoT Auditor Platform Comprises Two Components

1. Assessment Enabling Hardwares (EXPLIoT-Box, Zigbee Auditor, Bus Auditor)
2. An IoT Auditor SaaS Platform

2. Highlights

Assessment Enabling Hardware

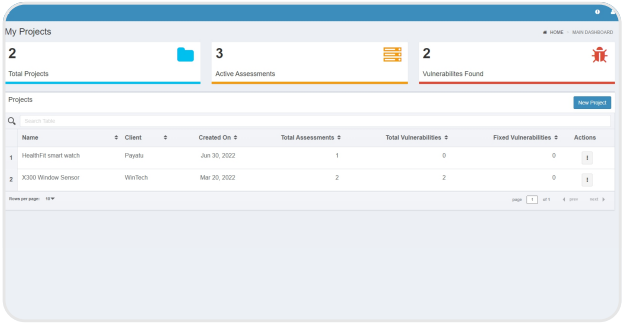
EXPLIoT Box

Zigbee Auditor

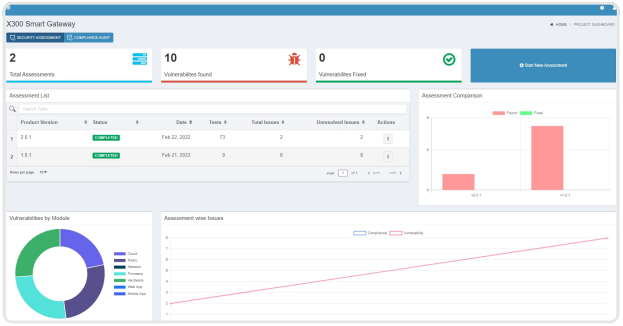
Bus Auditor

Learning Kit

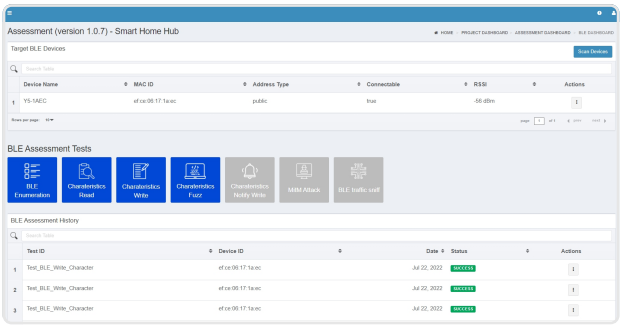
An IoT Auditor SaaS Platform



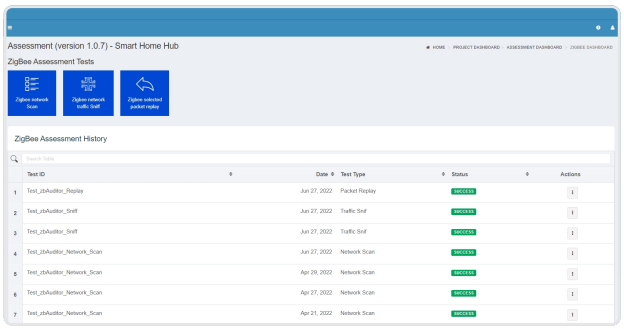
Project Dashboard



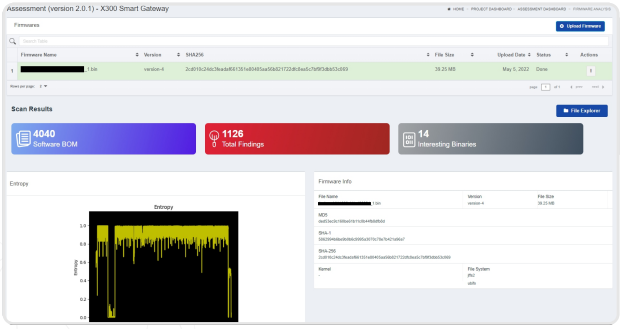
IoT Security Assessment Dashboard



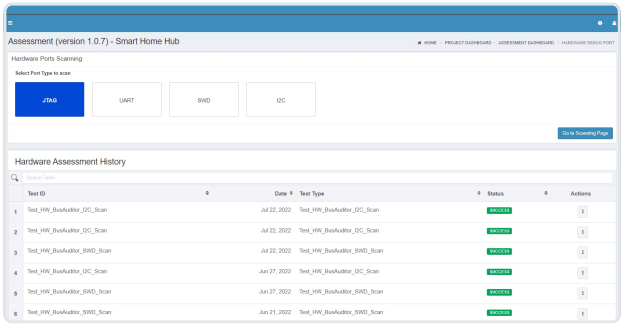
BLE Assessment Dashboard



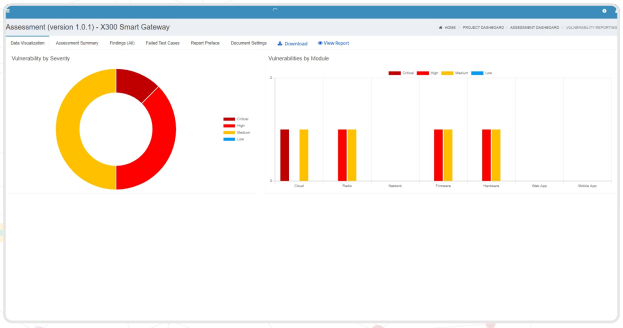
Zigbee Assessment Dashboard



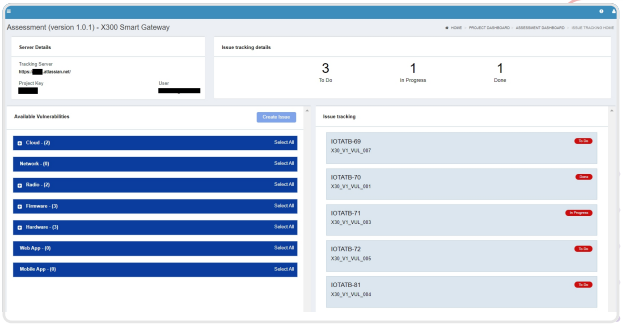
Firmware Assessment Dashboard



Hardware Assessment Dashboard



Reports



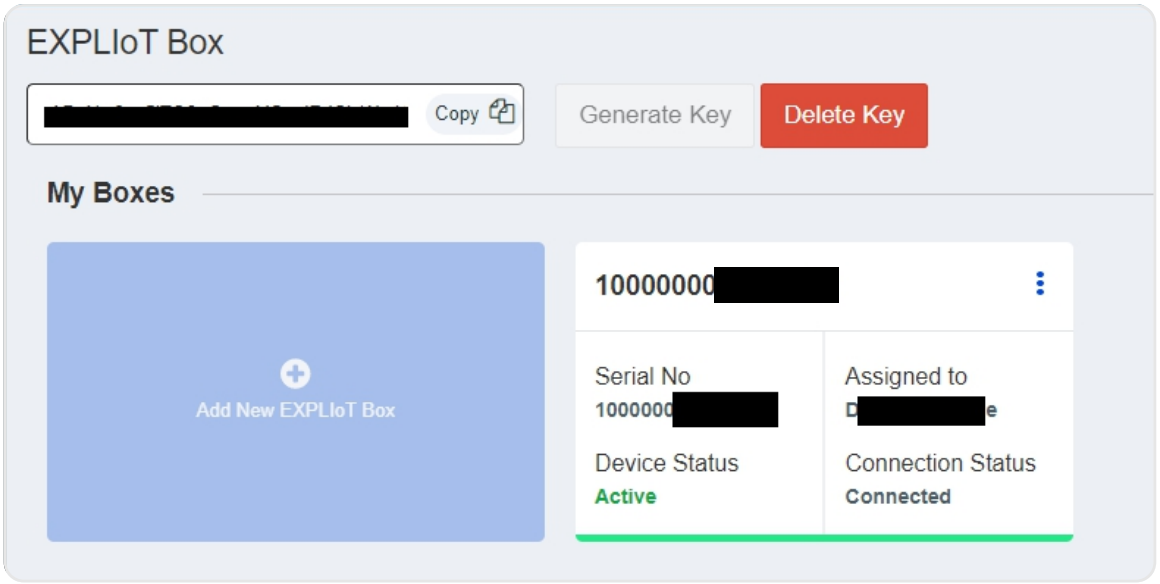
Issue Tracking

IoT Auditor

Assessment Enabling Hardware

EXPLIoT-Box Integration Dashboard

This hi-tech device gives engineers the unique ability to perform the product's safety checks on-site! You can now test Radio and Hardware for your target device locally with the EXPLIoT-Box.



3. SaaS Platform

Project Dashboard

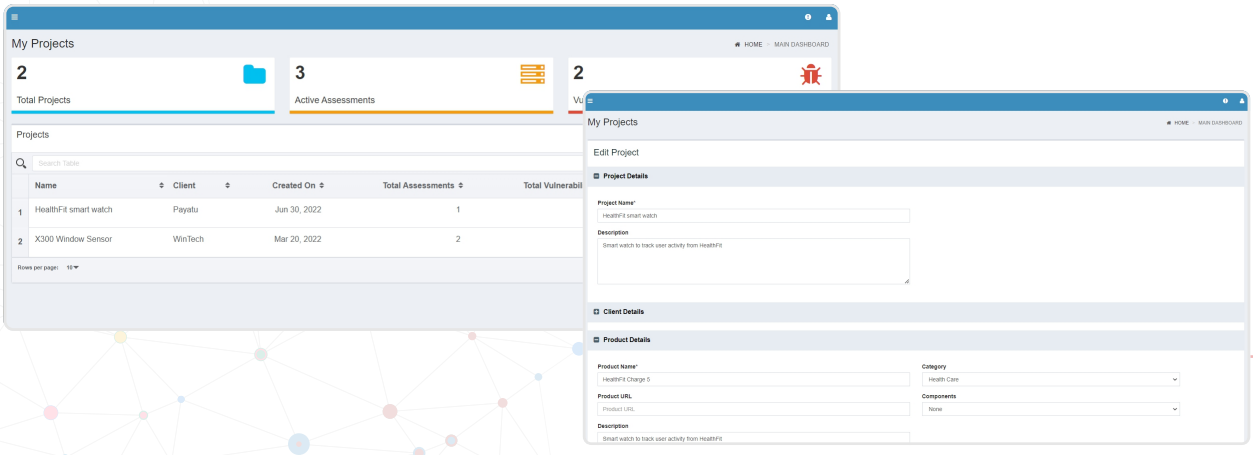
The Project Dashboard keeps you updated by displaying what needs to be done right now and the level of risk involved so you can make the right decisions.

You can efficiently attend to all your product security & compliance-related assessments under a single project. Having this information all in one place, you can easily get a high-level overview of the product's security posture and understand exactly the areas of improvements while completing the audit.

Example:
Active Projects, Assessments and Vulnerabilities

1. Manage all your products individually
2. Create/manage all projects related to a product under same dashboard
3. Get assessment status of all your products in one go
4. Select compliance standards for products*

Note: Features marked with asterisk (*) are under development



IoT Security Assessment Dashboard

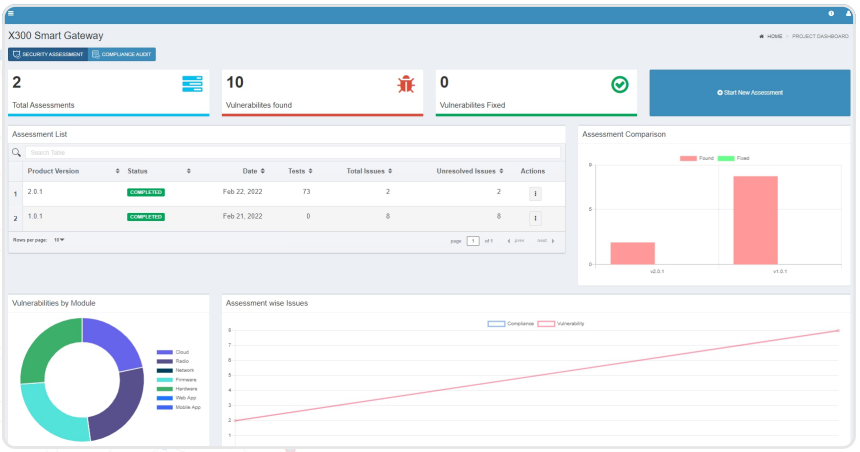
An innovative feature designed to manage the security of your smart products, smartly!

It helps you test and audit your products' security and summarizes the security posture with graphs that are easy to grasp.

With the help of this feature, you can now automate security assessment of new and old versions, scan vulnerabilities & measure the quality of the product security over time.

On top of that, you can compare results with previous assessments to check for progress and regression. By doing this, you can ensure that your product remains as secure as possible while keeping track of any potential regressions so you can quickly fix them before they have a chance to affect your product adversely.

1. Create/edit/delete product assessments
2. Add modules (Cloud, Network, Radio, Firmware, Hardware)
3. Select compliance standards for the assessment
   (IoXt security pledge, IoTSF compliance framework release 2, ISA 62443)
4. Compare & analyze security assessment's quality & progress



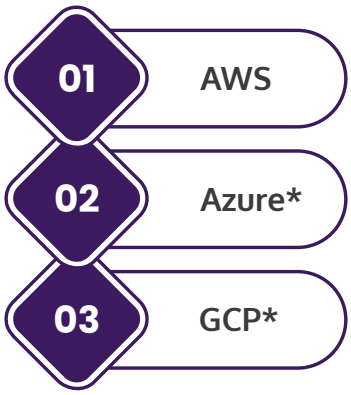
Cloud Assessment Dashboard

Infrastructure as a Code

Is your cloud configured correctly?
Are you using Azure or AWS cloud? Are you following cloud best practices? Are you confident that your cloud IaaC has been configured correctly?

Make sure you are doing it right! Get your Terraform & Cloud Formation files automatically scanned for potential vulnerabilities. Identify where best practices may be lacking and what scenarios you must avoid when creating infrastructure as code - the fastest, most efficient way to audit your IaaC.

Supported Cloud Provider



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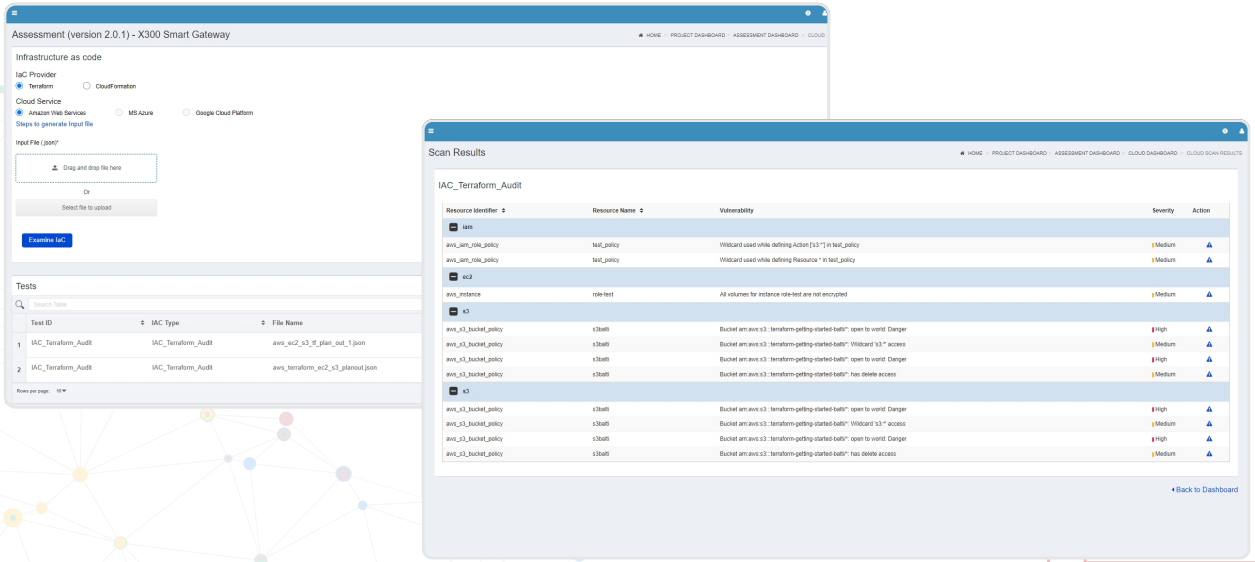


IoT Auditor

Cloud Security*

Note: Features marked with asterisk (*) are under development

Take the stress out of auditing your cloud infrastructure with an advanced Cloud Security Audit Feature. The Cloud Security Audit feature scans your cloud infrastructure assets and maps them against the industry's best practices.

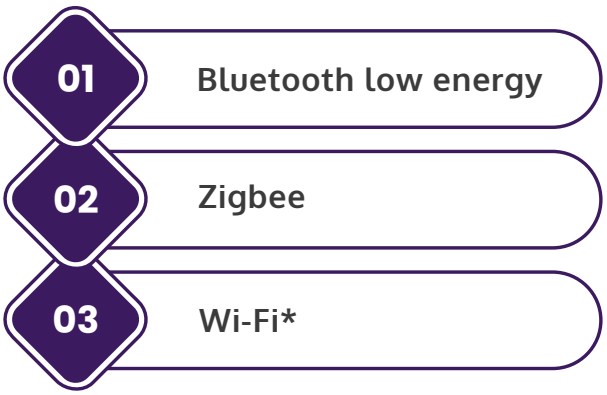
Radio Assessment Dashboard

What makes your IoT smart? The radio protocols like BLE, Zigbee & Wi-Fi Technologies! But with this great connectivity comes a greater chance of vulnerabilities and security risks.

Radio Assessment Dashboard comes to the rescue!

It helps you scan and identify the potential security gaps in your radio protocols with graphs and charts- so you can quickly understand, analyse and patch them, keeping your IoT product secure.

Supported Radio Protocols



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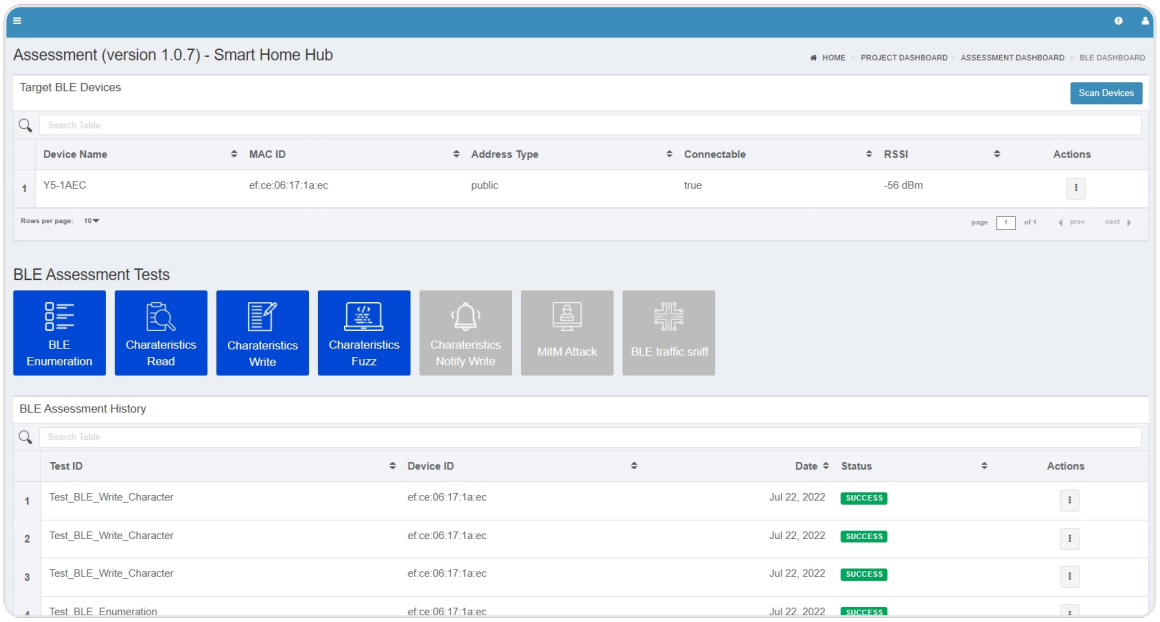
BLE Assessment Dashboard

Supported BLE Test

1. BLE device scan
2. BLE service and characteristics enumeration
3. BLE characteristics: read, write & fuzz

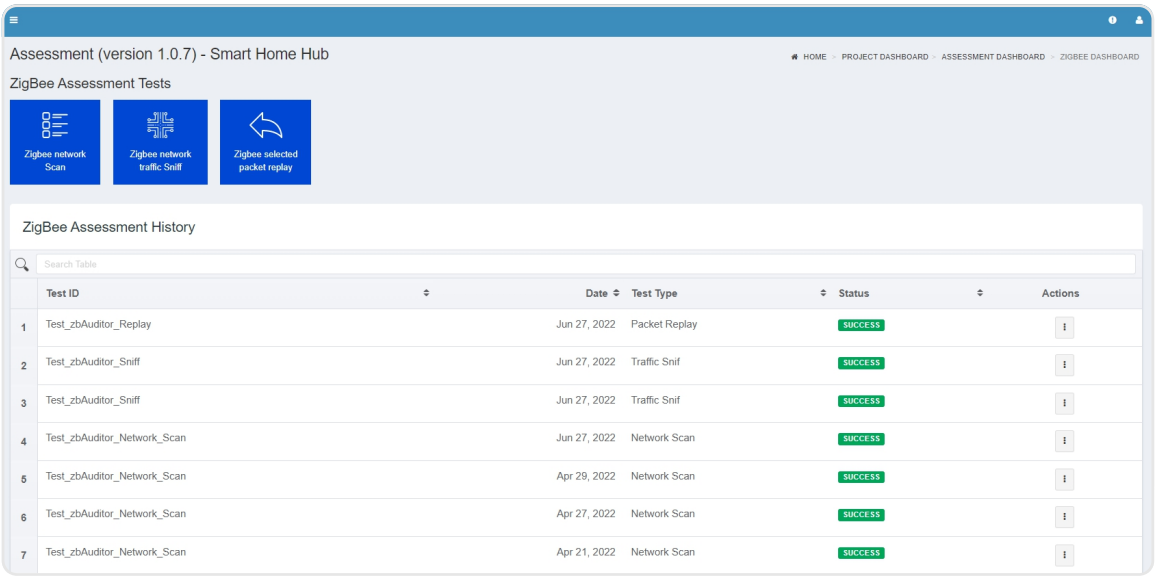


IoT Auditor

Zigbee Assessment Dashboard

Supported Zigbee Test

1. Zigbee network scan
2. Zigbee traffic sniffing
3. Zigbee traffic replay



Firmware Assessment Dashboard

The firmware assessment dashboard quickly scans & reverse engineers the Linux Firmware for known and potential vulnerabilities of installed packages, application binaries and other files.

This feature will help you reduce the overhead by analyzing the security posture of the firmware.

Types of Firmware Supported

01 Linux

02 RTOS*

03 Baremetal*

04 Android*

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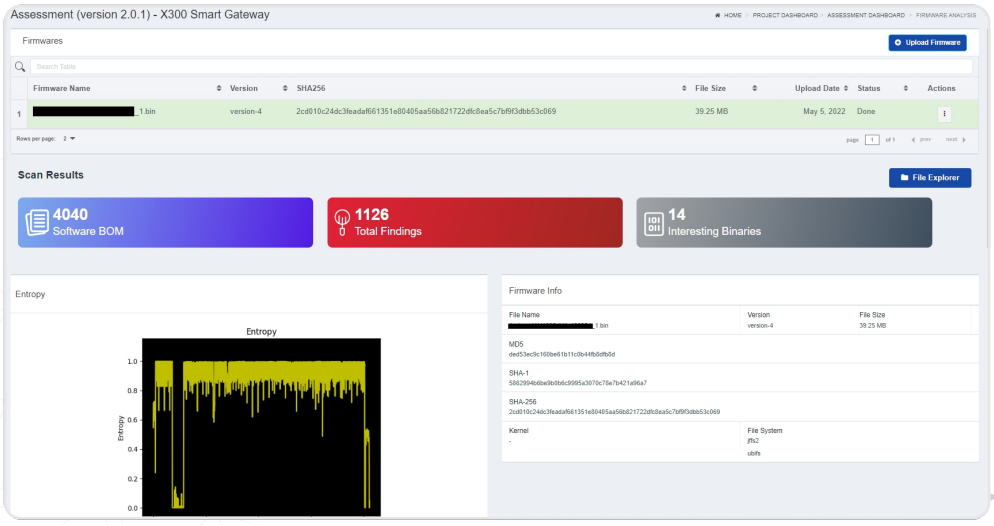
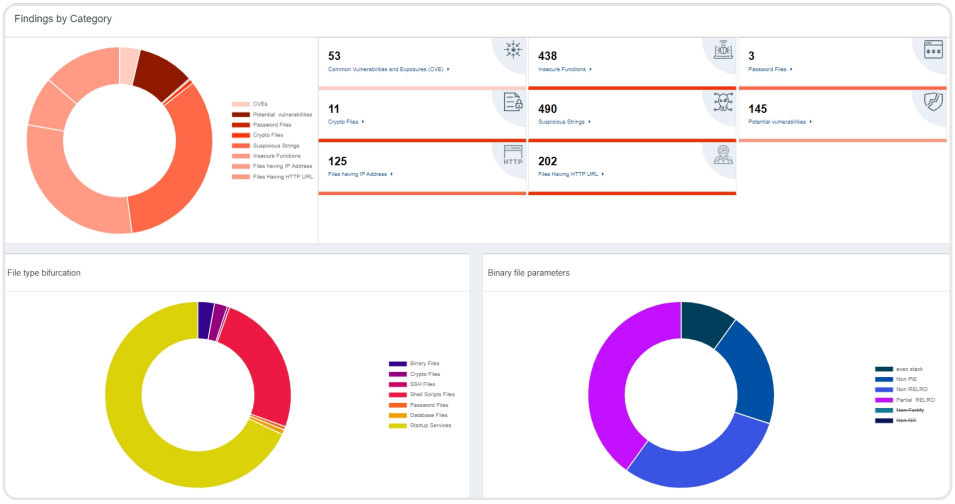
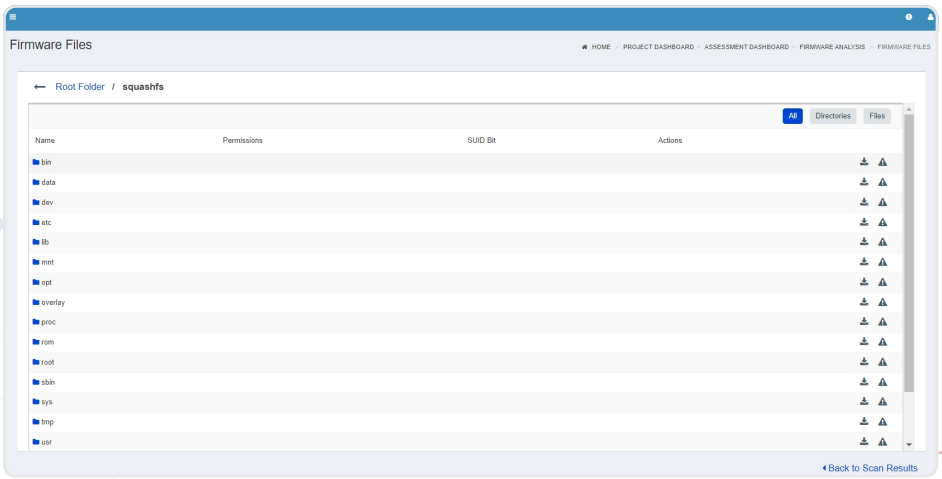


Supported Test Cases

1. Firmware architecture information
2. Entropy graph
3. File system enumeration
4. Binary file analysis
5. File system analysis



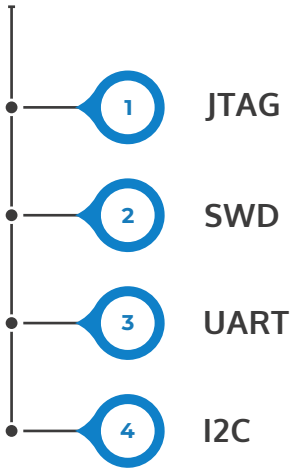


IoT Auditor

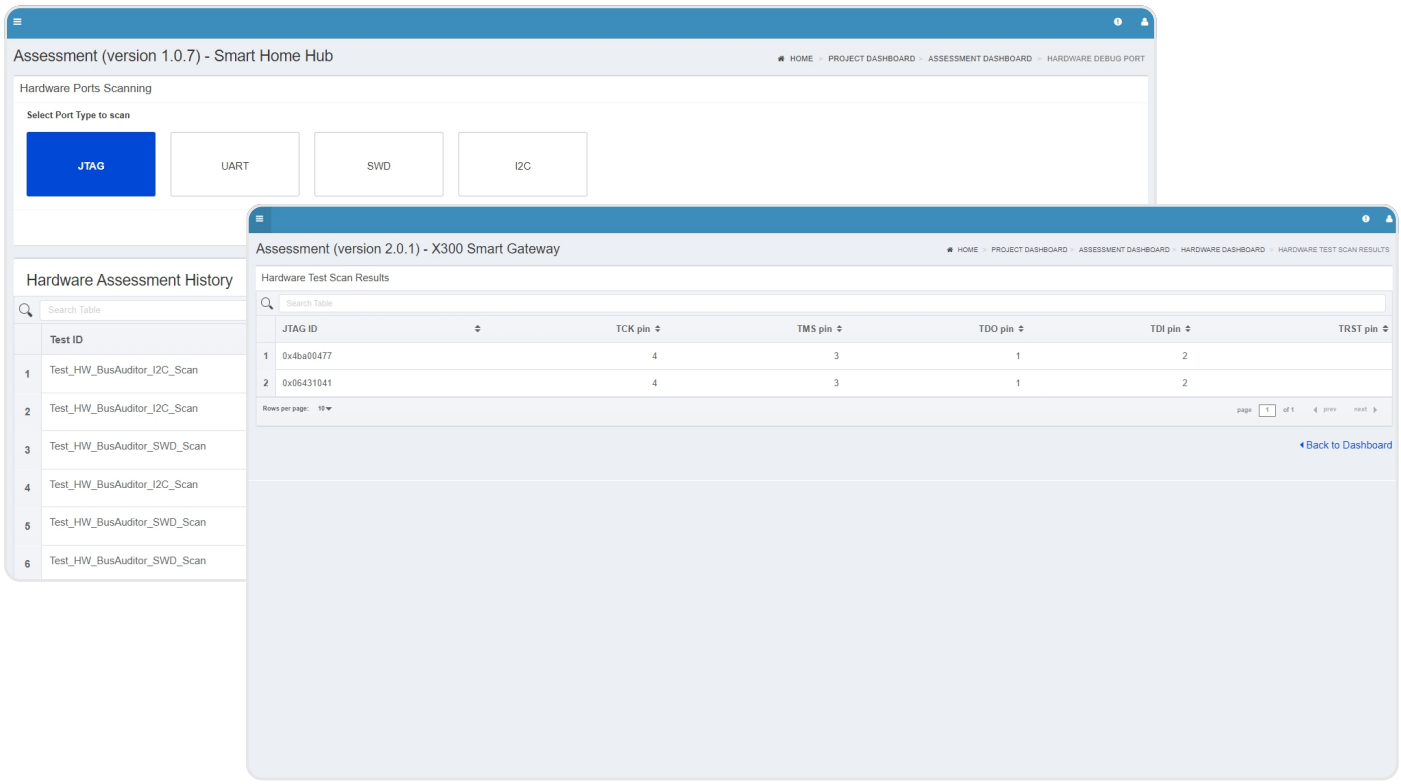
Hardware Assessment Dashboard

Inspecting target hardware for open debug ports has never been easier.

Supported Hardware Protocols



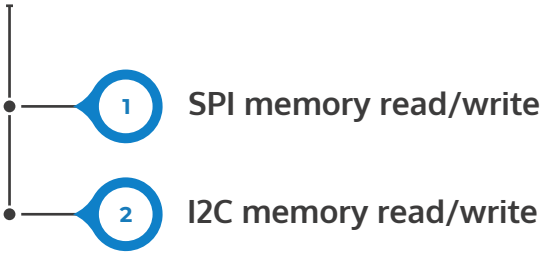
Hardware Debug Port Dashboard



Memory Extraction*

Soon you can extract memory contents from your hardware much faster in a unified dashboard.

Supported Protocols



Note: Features marked with asterisk (*) are under development

Compliance Dashboard*

Enforcing regulatory compliance guidelines is vital to the sustained growth of your business. With the Compliance Audit feature, you can create a compliance audit and easily generate reports after the audit is complete.

This feature makes it easy to take care of compliance audits because it nestles the audit processes into your workflow to streamline the compliance process for everyone involved!

1. Create/edit/delete compliance audit
2. Select the supported compliance standards
   a. IoTSF v3
   b. ETSI EN 303 645 v2
   c. GSMA IoT security assessment checklist v3.0
   d. IoTSF compliance framework release 2
   e. IoXT security pledge
   f. UK gov. Code of practice
   g. ISA 62443
3. Generate compliance reports & visuals

Note: Features marked with asterisk (*) are under development

Reports

1 Automated Reporting

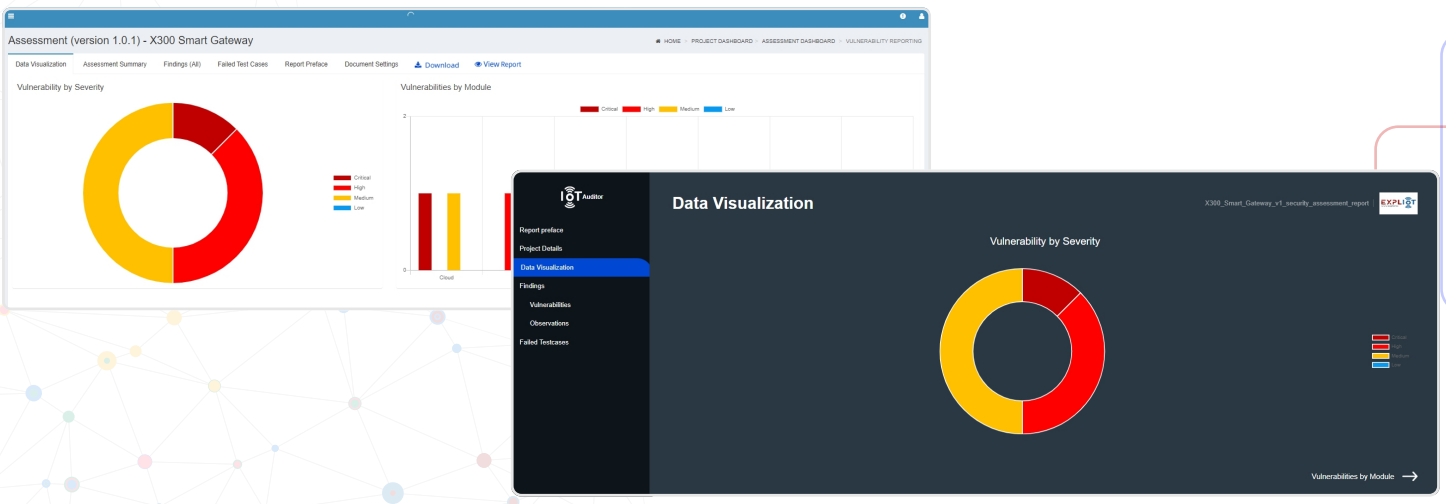
Easy, automated & integrated reporting

- a Automatically & easily generate reports with one click
- b Go to the report dashboard after the assessment
- c Click on create a report and download your report in just one click

2 Manual Reporting

Record and organize vulnerabilities in report format

- a Manually add/edit/delete vulnerabilities, observations and other findings from executed tests
- b Add/edit/delete findings logged by test suite
- c Give CVSS score for vulnerabilities
- d Add reproduction steps
- e Add CWE for the discovered vulnerabilities
- f Generate HTML view of report
- g Download report in PDF format



Issue Tracking

Inbuilt Issue Tracking Feature

IoT Auditor also provides high-tech, in-built issue tracking capabilities to help you perform **vulnerability management** of the identified issues. With the help of this feature, you will be able to visualize vulnerabilities by severity and seamlessly take an informed decision to prioritize and fix them!

Integrated Enterprise Issue Tracking Solution

Are you currently using enterprise issue tracking in your organization? IoT Auditor can sync with it! The new IoT Auditor can log and update the identified vulnerabilities into your existing enterprise issue tracking solution via API integration.

Supported Tools

01 JIRA

02 Azure DevOps*

03 Monday*

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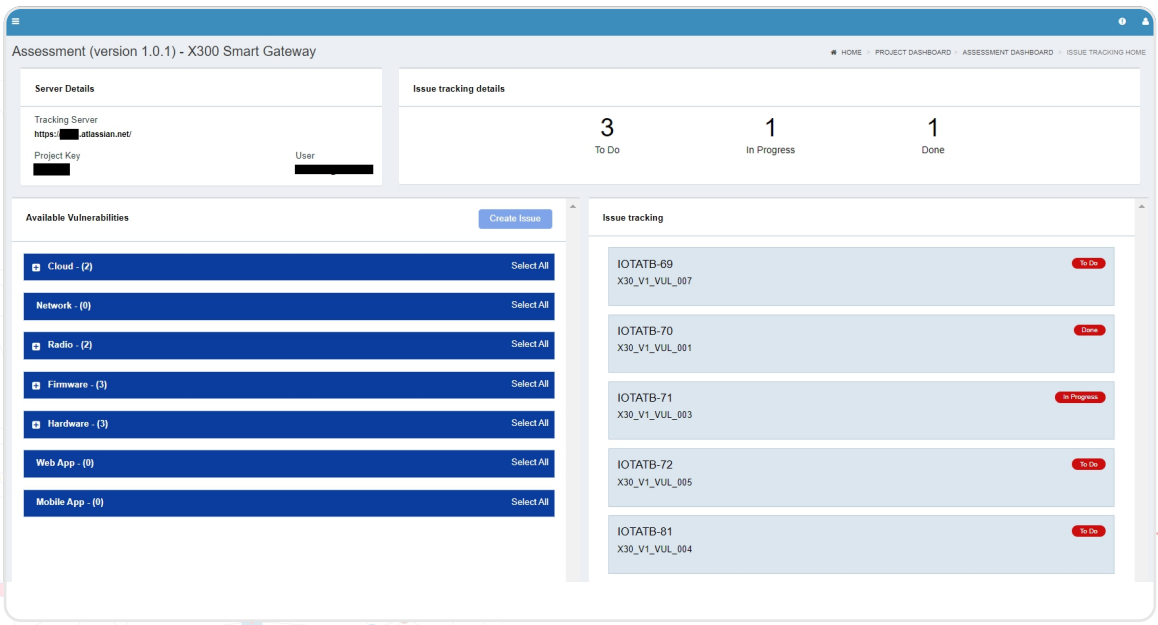


IoT Auditor

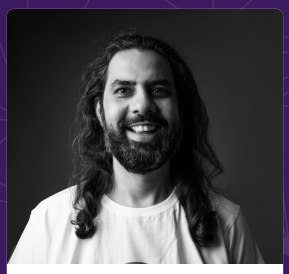
About Us

40 Billion+ connected devices projected in 2025 could be in danger if not properly and comprehensively security-tested. We are on a mission to help solve this problem by innovating new ways to safeguard IoT Products and Things.

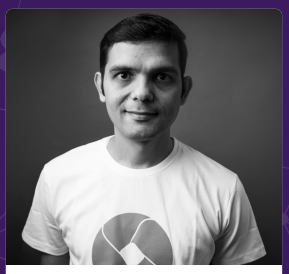
The Team

Some call us hackers, and others, geeks. But when it comes to solving security problems, our thrill, passion, and determination are directly proportional to the complexity of the problem. As a team of hackers working with connected devices, we understand the importance of hacking securely and discovering the juncture of safety and security between humans and the new technology.

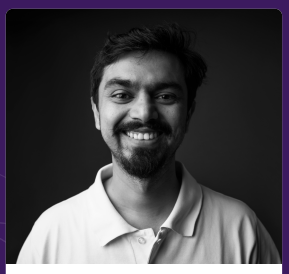
The Leadership Team



Aseem Jakhar
Co-Founder



Murtuja Bharmal
Co-Founder



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