of mosphere'22 BELGIUM

Everyone Loves UXI

Tim Tijssens SE Lead



September 2022

Loss due to poor end user digital experience

Problems faced by IT teams

- Users/clients can't tell where connections fail.
- Every problem feels like Wi-Fi, but there's so much more to the reality.
- Fact: Mean Time to Innocence (MTTI) drives ITs' day.

"Zoom is slow today"

Is that site ready for hybrid workplace?"

Where to start...?

"Our new app isn't working"

"My call keeps dropping"

I don't want to log a ticket

How to address these challenges with Aruba UXI

Aruba User Experience Insight (UXI) helps customers achieve the best user-experience through insights, recommendations and automation, delivered in a simple-to use and understandable way on ANY vendors' network.



• UXI Wi-Fi 6 Sensors
• Web Application Testing
• AlOps Incident Detection
• Incident Overview
• Wi-Fi maps
• UXI Workflow Integration



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UXI Integration with Zebra

- Synthetic application testing
- Visualize overall roaming performance including:
 - Why a roam started.
 - Reason the roam failed.
 - When the roam completed/failed
 - Voice Analysis Test:
 - Packet-level analysis provided by the Zebra Wireless Insights Engine provides true SIP calls analysis.
 - Real SIP performance measurements of through the time of a call.
- Packet capture of events
- Indoor map locationing with 802.11mc



At-A-Glance status





Performance is OK

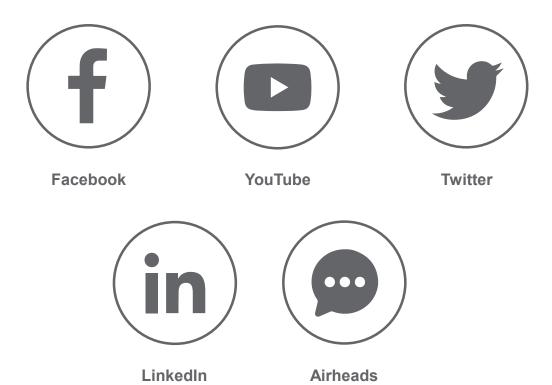
There's an issue



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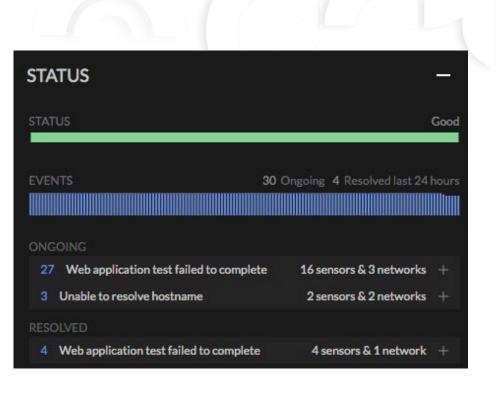
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Aruba UXI Web Application Testing (WAT)

Mimic your user \rightarrow

Configure sensors to test end to end user workflows, like logging in, adding items to cart, logging out and many such scenarios

Service Category	Internal	External
Service Category	internal	EXCERNAL
Template Type	Predefined	Custom
Test Template	Web Application Test	•
Selenium	test website function.side	Choose a file
Title	test website function	
Target	www.arubanetworks.com	
Frequency	6 hours	
	Note: Web Application Te Learn how to create a web	



• UXI Wi-Fi 6 Sensors • Web Application Testing • AlOps Incident Detection • Incident Overview • Wi-Fi maps • UXI Workflow Integration



Identify important issues with Incident Detection



Problem

- In a very large network, client devices constantly detect issues
- IT teams only want to tackle "important" issues in real-time, not deal with "normal" issues

What is "normal"?

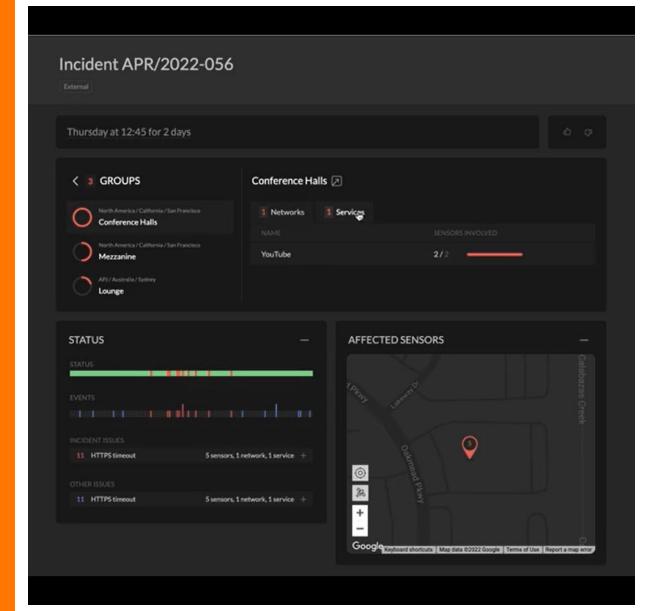
- Different customers have different definitions
- Some issues are transient and resolve on their own after several retries → Analyze off-line
- Some issues are known → Fix in the future
- Some issues have limited impact→ Tackle if free

Challenge

- How can we identify "abnormal" issues in real-time, for a specific customer?
- How do we detect anomalies on a per application basis

UXI Wi-Fi 6 Sensors Web Application Testing AlOps Incident Detection Incident Overview

UXI Workflow Integration & Reports



Ni-Fi maps

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Incident Overview

Get a summary of Impact Analysis

Understand which issues are impacting which

Sites

Sensors

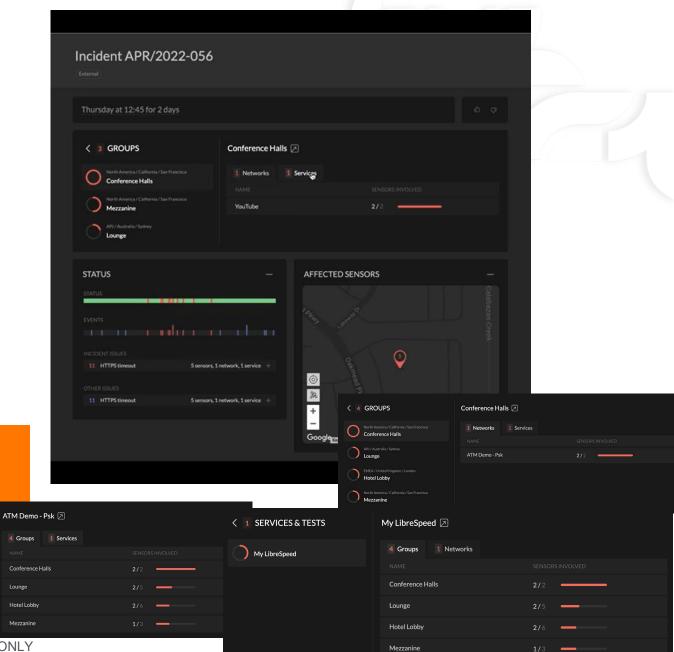
Group

Services

Tests

Helps business to get an overall view of ongoing issues and their impact

<u>Learn More</u> – Video Link



< 1 NETWORKS

ATM Demo - Psk

• UXI Wi-Fi 6 Sensors • Web Application Testing • AlOps Incident Detection • Incident Overview

• Wi-Fi maps

WI-FI ENVIRONMENT Search ρ 2.4 GHz 5 GHz ∇ All V SSID Signal ~ Ch Width Band AP

Wi-Fi Visualization

Get a better understanding of Wi-Fi network performance

Displays the Wi-Fi environment around the sensor from a periodic AP scan..

The results include:

- SSIDs
- BSSIDs
- RSSI
- Channel
- Band
- Width

Benefits

Helping you visualize your channel plan and see areas free, with channel overlap or with channel interference.



Learn more – help article ONFIDENTIAL | AUTHORIZED 14

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UXI Workflow Integration & Reports

ය Integrations Webhooks Slack https://hooks.slack.com/services/T012UPM5TSS/B013E4VE1CH... Data Push Destinations s3_test **Test Results** AWS S3 Results September 9th. 2021 September 21st 2021 Running Running es-cloud **Test Results** Elasticsearch Resu... October 4th, 2021 Aruba Central Single Sign-On Central integration active Single Sign-On allows you to connect this dashboard



Data Push Destination

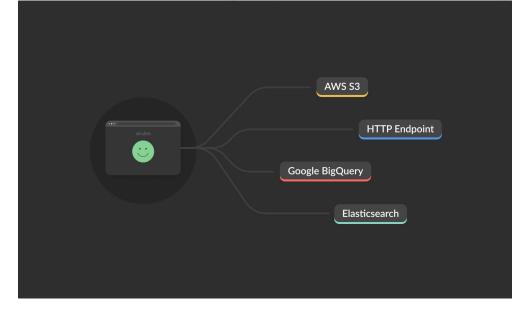
Analyze data captured by UXI Sensors on your preferred big data platform

Allows you to configure your UXI dashboard to send test result and issue data to a destination that you manage. Send data to:

AWS S3 Google BigQuery Elasticsearch Generic HTTP Endpoint

Benefits

- Create custom reports and summarize the test results over a time-range that the user can specify and control
- Build custom dashboards in external platforms to visualize the test results along with that of other network and application monitoring systems
- Perform ad-hoc analysis and look at the data in different ways, so as to troubleshoot issues in more detail



Enhanced UXI Reports

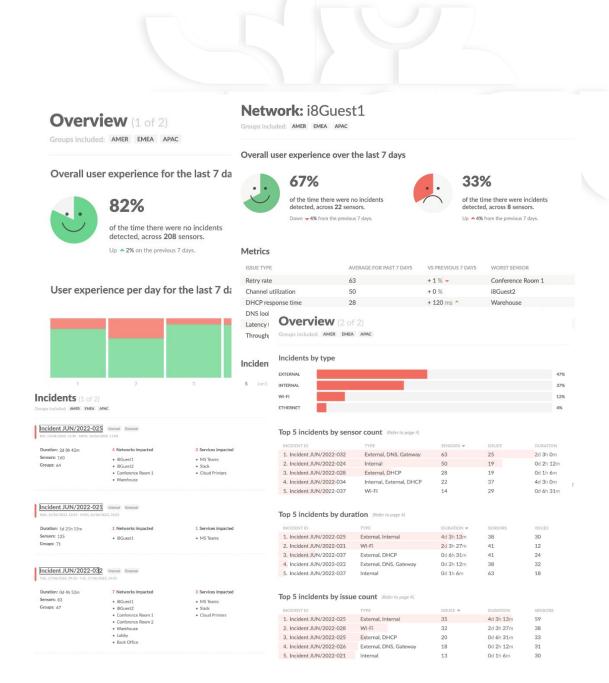
Customizable issue and incident reports

Pick your reporting according to

- Sensor Groups
- Networks
- Schedule Weekly, Monthly, Daily
- Date
- Time

Benefits

- Create custom reports and summarize the test results over a time-range that the user can specify and control
- Allow a customizable reporting period instead of the current period of one week



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Thank you

Tim Tijssens

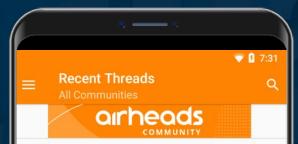


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orneods COMMUNITY

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Sign up today: www.community.arubanetworks.com





- RE: Best way to drive member engagement with libraries? Allison Grayce
- Community Management 12 m

Hi Loretta, We've used a process similar to #1. Instead of a standalone library



Size of Ads in Discussion Forum Chris Miller Designer's Corner

37 m My company has been selling ads in the dicussion forum for a client, and we are now la...



2h

How are you using your Committee Communities?

Grace Ng

Community Management 44 m

> I'm looking to enhance the effectiveness of our committee work

Session Registration



Mark Walters Annual Meeting

I've very excited about the great select sessions available for our upcoming converence

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