



## SeeTest Continuous Testing Platform

Deliver Flawless Mobile & Web Apps

# Experitest Snapshot

Speed up mobile and web app delivery with the SeeTest Continuous Testing Cloud



## 1000+ customers

- Banking & Insurance
- Telecom
- Airlines
- Automotive
- Healthcare
- More...



## Global datacenters

- US
- Canada
- Germany
- UK
- Middle East
- Singapore
- Japan
- Australia
- More...



## Compliant with open source and leading frameworks

- Appium
- Selenium
- XCUITest
- Espresso



## DevOps users

- Developers
- Testers
- Business analysts



## SaaS Deployment

- Optional: Hybrid and On-premise



## All testing types

- Functional
- Performance
- Accessibility

# Worldwide Fortune 500 Customer Base

Banking & Financial	Transportation	Telcom	Healthcare	Retail	Automotive	Software	Hardware & Manufacturing
     	     	      	     	      	   	    	     

# SeeTest Continuous Testing Platform for Web & Mobile Applications

## Test creation:

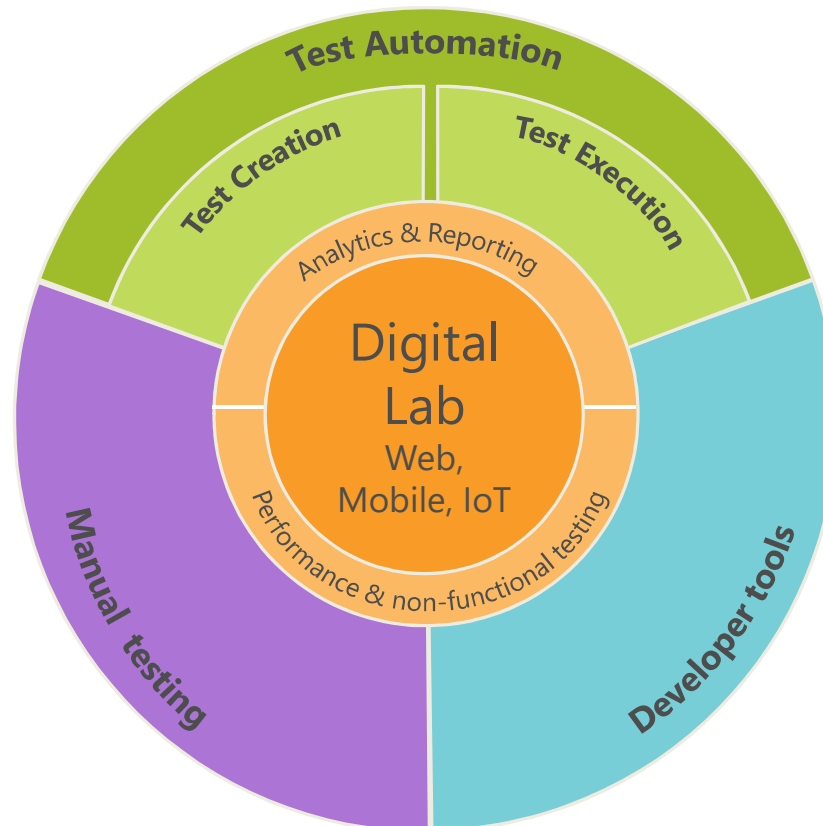
- Appium studio for Eclipse
- Appium studio for IntelliJ
- Selenium
- Codeless tools (Worksoft, etc.)

## Integrations with test env. IDEs and languages

- |                 |                |
|-----------------|----------------|
| • Eclipse       | • Perl         |
| • IntelliJ      | • Ruby         |
| • JUnit         | • Java         |
| • TestNG        | • Javascript   |
| • Cucumber      | • Python       |
| • Nunit         | • React        |
| • Visual Studio | • Angular      |
| • C#            | • React native |
|                 | • Ionic        |
|                 | • Phonegap     |
|                 | • Cordova      |

## Analytics and Reporting

- Customized dashboards & reports
- Integrated in CI environment
- Integrated with all testing frameworks and defect-management systems
- CXO dashboard (*coming soon*)



## Integrations with CI

- Jenkins
- Bamboo
- TeamCity
- Hudson
- Circle CI
- HP QC
- Jira

## Developer tools

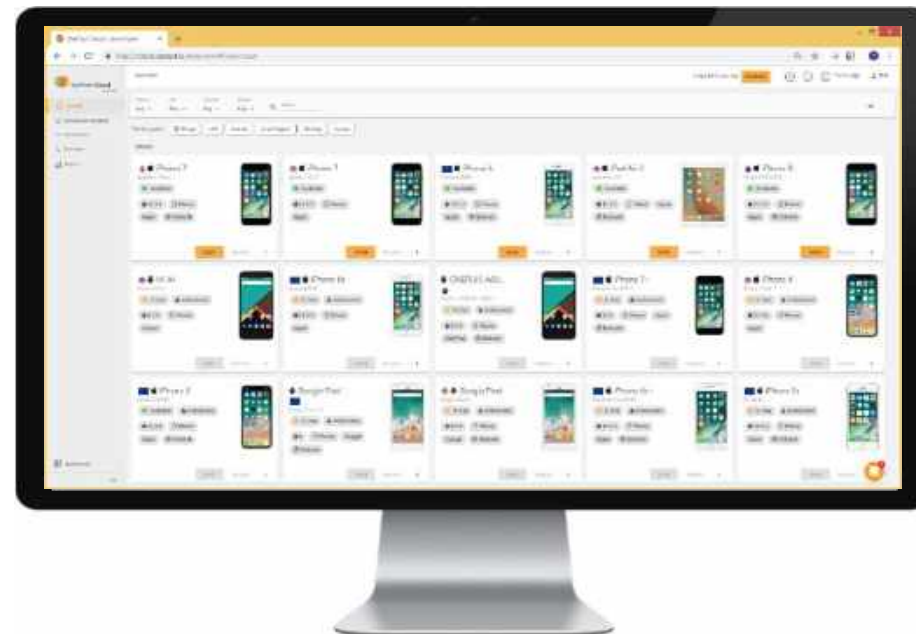
- Espresso
- XCUITest
- XCode
- Android Studio
- Local testing
- Debugging on remote devices

## Performance and non-functional testing

- Performance metrics
- Device monitoring
- Network virtualization

# Access Real Devices and Browsers over SaaS or Go Hybrid

Provide your DevOps teams with the resources they need, where and when they need them



## Private SaaS Continuous Testing Platform

Your own private platform  
hosted at Experitest datacenters

## On Premise Continuous Testing Platform

Your onsite testing  
platform

\*Hybrid solutions available

# Why test in a SaaS platform?

- **Its simple and hassle-free**  
No need to build, configure, maintain, manage
- **What you need, when you need it**  
Quick access to a large device, OS and browser matrix
- **Speed and scale:** realize the grid promise
- **Team alignment and code reuse**  
Accessible for all: developers, business users, testers
- **No downtime**  
High availability and utilization
- **Anytime, anywhere - global collaboration**



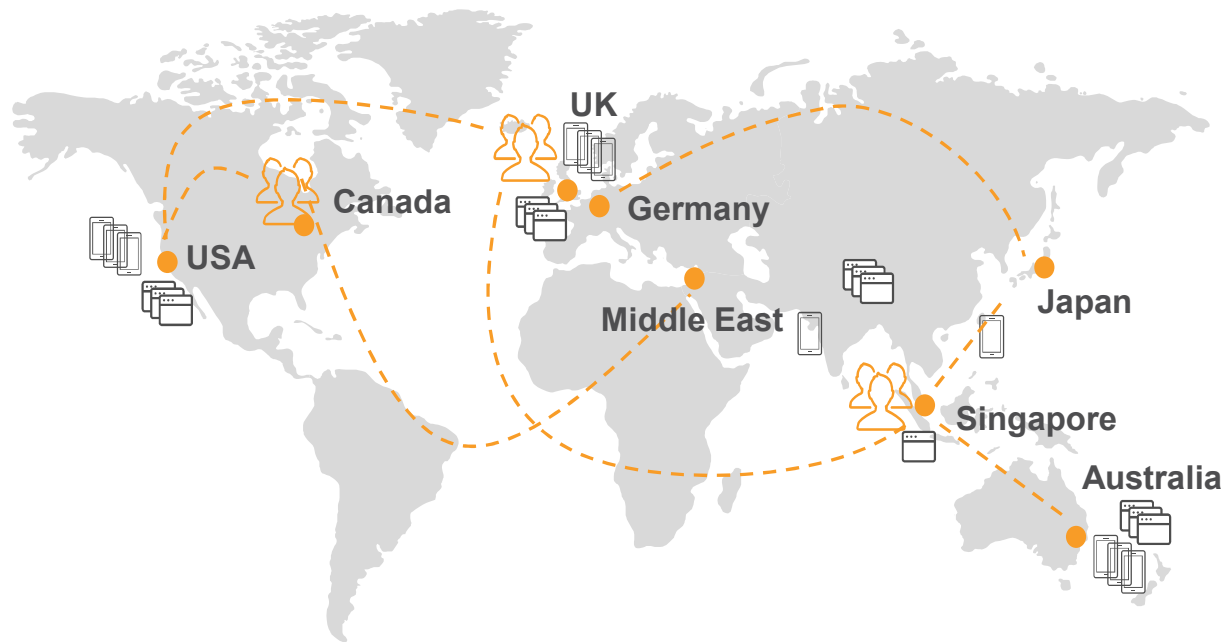
## SaaS Datacenters Worldwide with Real Devices & Desktop Browsers

All datacenters are ISO 27001 and SOC 2 certified, additional datacenters planned



# Multi region, with a single cloud spanning several geographies

Choose nearby devices for speed and performance, or specific locations for tailored regional testing



- Select Devices, Browsers and Emulators from different locations – in manual or automated testing
- High performance direct access to the region
- Executes Automation on a specific region using the capabilities in code



**The resources you need,  
When you need them  
Without the hassle**





## **Benefits of a SaaS Solution**

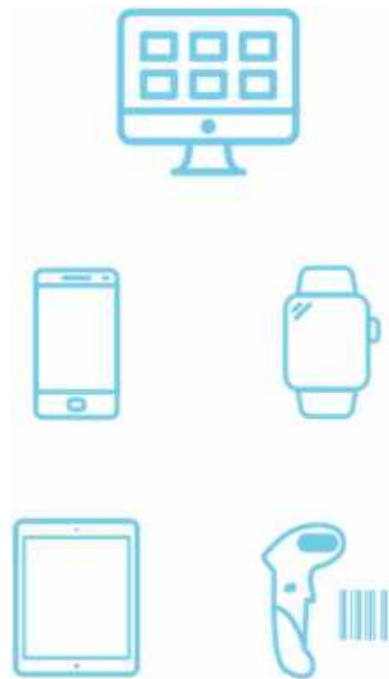
- **Device procurement & management**
- **Optimal environment**
- **Highly secure**
- **Advanced monitoring and alarms**
- **Cloud administration services**
- **Anytime, anywhere global reach**

## Device purchasing and management

### Reduce device attrition and improve uptime

#### Purchasing:

- Frictionless access to the newest devices and browsers
- Expertise in obtaining specific OS versions and unique models
- No dependency on in-house procurement team



#### Devices Management

- Version updates
- Developer license management
- Power and battery optimization

## Optimal environment

Experitest SaaS cloud is hosted in ISO and SOC 2 state of the art datacenters



**Physical Security**



**Climate control to extend device and battery life**



**Power backup**

# Highly secured service

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## Security Certification



## Cleanup processes

When device is released or a test ends

- Applications
- Browser cache and cookies
- Accounts
- Media files

## MDM

All devices are supervised and managed



## Local Testing

Test applications and code located on your computer or on staging environments using a Network Tunnel

## Device Restrictions

Device settings  
Application restrictions

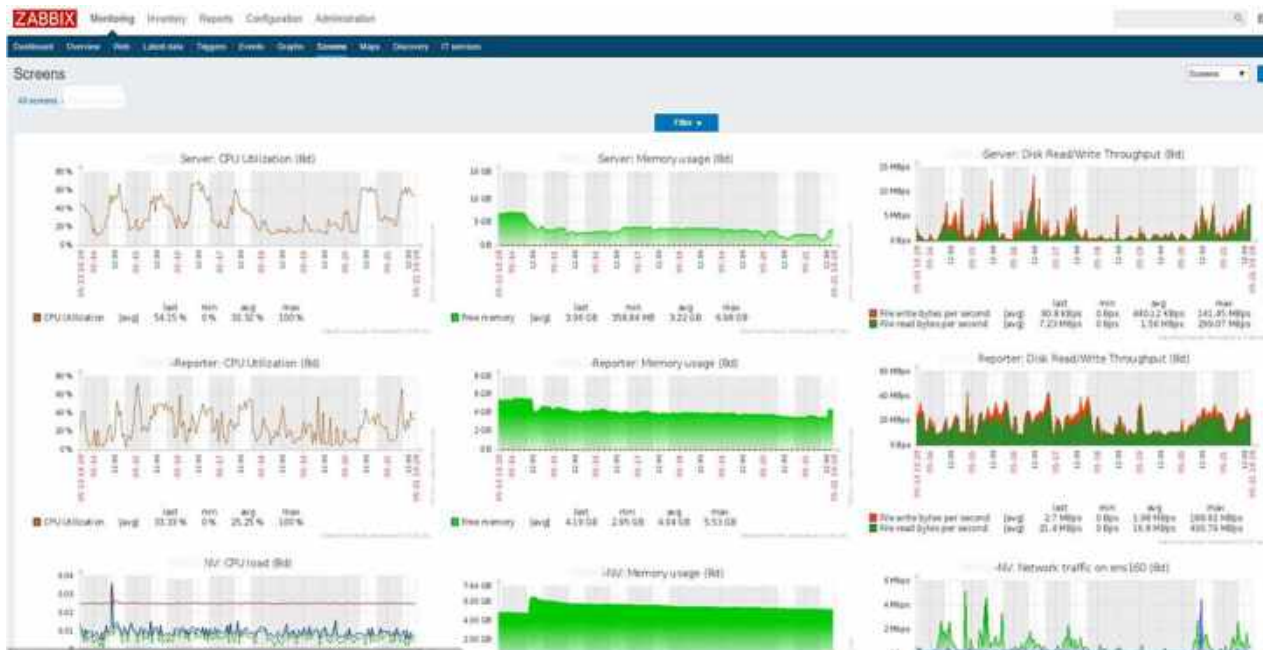
## VPN

Enterprise  
VPN solution



# Proactive monitoring & automated healing

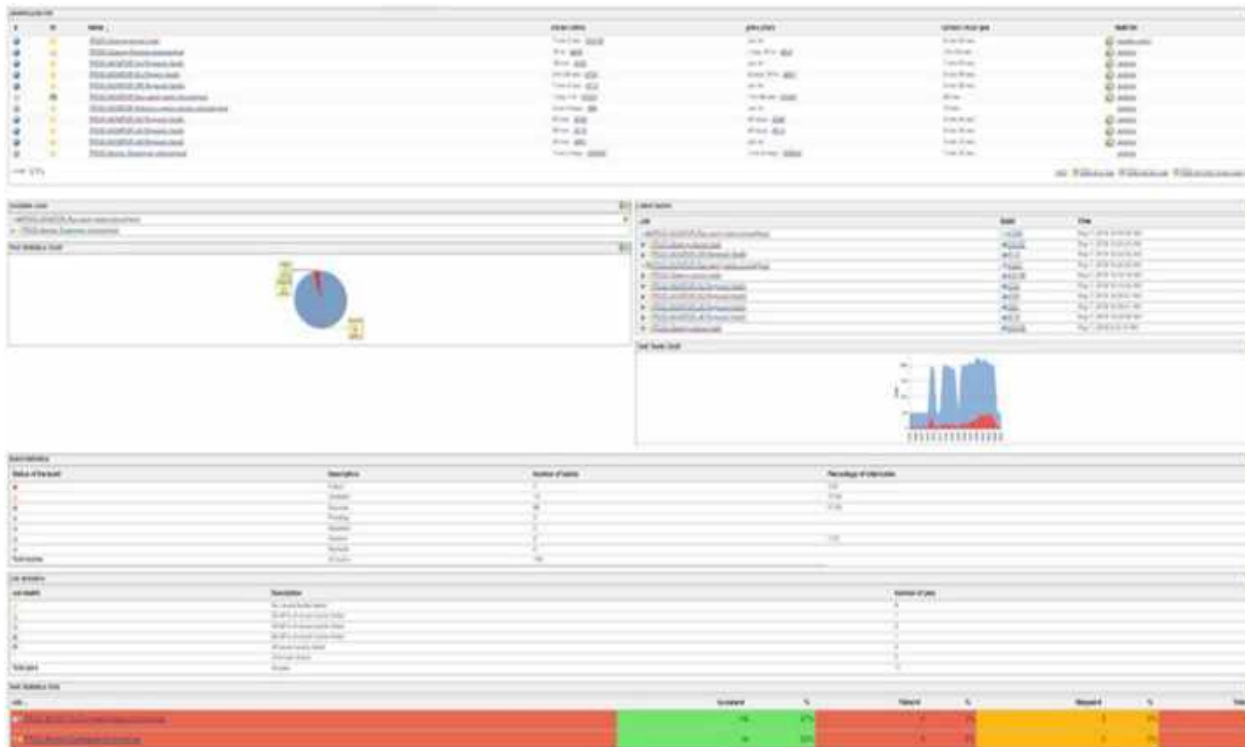
## Infrastructure continuous monitoring



- All physical assets monitored 24/7 (servers, network including wifi, databases...)
- Data collected over time
- Trend exceptions or anomalies trigger alerts

# Device availability

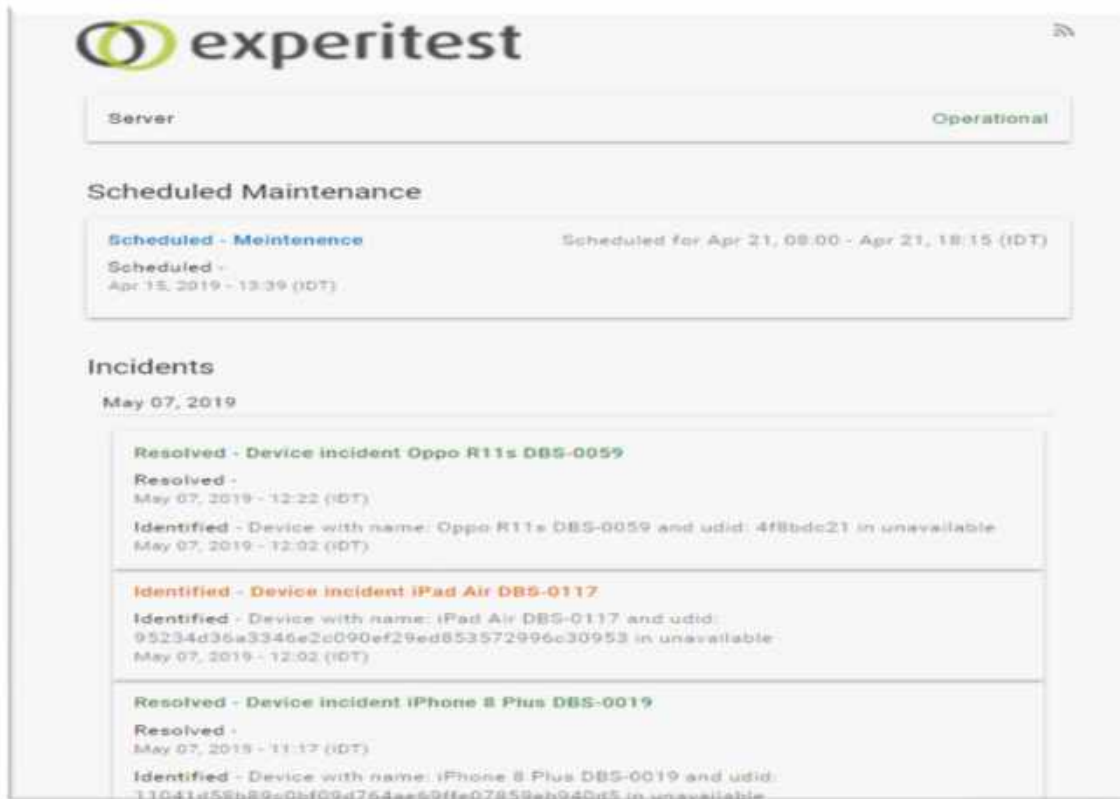
## Devices & Selenium Agents end user testing



- Monitoring device availability in the cloud
- Running end user scripts to ensure actual availability

## Full Transparency in real-time to customer

Every customer has a dedicated link with their incident reports and availability



The screenshot displays the Experitest mobile application interface. At the top, the Experitest logo is visible. Below it, a 'Server' status bar indicates 'Operational'. A 'Scheduled Maintenance' section shows a maintenance window from April 21, 08:00 to April 21, 18:15 (IDT). The 'Incidents' section, dated May 07, 2019, lists three incidents: a resolved Oppo R11s incident, an identified iPad Air incident, and a resolved iPhone 8 Plus incident. Each incident entry includes a status, device name, DBS ID, and a detailed description of the issue and resolution time.

**Server** Operational

**Scheduled Maintenance**

**Scheduled - Maintenance** Scheduled for Apr 21, 08:00 - Apr 21, 18:15 (IDT)

**Incidents**

May 07, 2019

**Resolved - Device incident Oppo R11s DBS-0059**

Resolved - May 07, 2019 - 12:22 (IDT)

Identified - Device with name: Oppo R11s DBS-0059 and udid: 4f8bdc21 in unavailable May 07, 2019 - 12:02 (IDT)

**Identified - Device incident iPad Air DBS-0117**

Identified - Device with name: iPad Air DBS-0117 and udid: 95234d36a3346e2c090ef29ed853572996c30953 in unavailable May 07, 2019 - 12:02 (IDT)

**Resolved - Device incident iPhone 8 Plus DBS-0019**

Resolved - May 07, 2019 - 11:17 (IDT)

Identified - Device with name: iPhone 8 Plus DBS-0019 and udid: 110d1d58b89c0b09d764ae69ffe07859ab9dcd5 in unavailable

- Real time information and status on each device and browser
- Automated status updates of faulty device till resolution
- Scheduled maintenance notifications



## 24\*7 operations team & hotline

- 24/7 operations team
- Dedicated hotline
- Immediate response from Experitest on-call Ops engineers



## Administration of cloud & version updates


### Avoid the operational hassle of cloud administration

- Software updates
  - Always use the most advanced version with most advanced features
  - Enjoy immediate access to the most recent browser and OS versions
- Cloud management
  - Selenium and Appium Grid management
  - User and project management





## SaaS Security Features

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- **Single Sign On & LDAP Integration**
  - **Dedicated Devices**
  - **Dedicated Cloud Instance**
  - **Site-to-Site VPN**
  - **Device Restrictions**
  - **Clean-Up Processes**

**\*Refer to SaaS security document**

# Case Studies

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## Major Retail Chain APAC

- SaaS
- Specific testing needs such as point of sale devices and barcode scans
- 30+ Android devices
- Supports 3000+ brick and mortar stores



## North American Airline

- SaaS Digital Assurance Lab
- Saved over \$24M (2019) and 400 hours of effort (monthly)
- Ticket bar code scanning and seat arrangement verification
- 250+ apps, 160M+ customers
- 100+ devices and browsers



## Leading International Mobile Operator

- Hybrid deployment: Public and private device clouds
- 130+ mobile devices, 25 production servers, 3 test servers
- SIM switcher capabilities to test mobile roaming
- Unique device certification for multiple countries



# The SeeTest Difference

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- Powerful and stable **large scale test execution**, for tests of any type
  - Desktop, mobile, native apps, hybrid apps, progressive web apps...
- Simple development of robust tests with graphic UI and powerful object identification (mobile app)
- **Superior mobile test coverage** including:
  - Tests System, MDM and non-packaged apps: Integration with 3rd party apps, device apps and features. Including: Device settings, SMS verification, Facebook, redirect to browser, springboard, etc.
  - Image injection: check scanning, QR code scanning, Audio injection, Audio recording and analysis, 3rd party apps such as location services, Fingerprint and face authentication (including Keychain support)
- Commitment to OS beta version support and immediate new OS version support
- Backward compatibility



# Thank You

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