

COGNIZANT



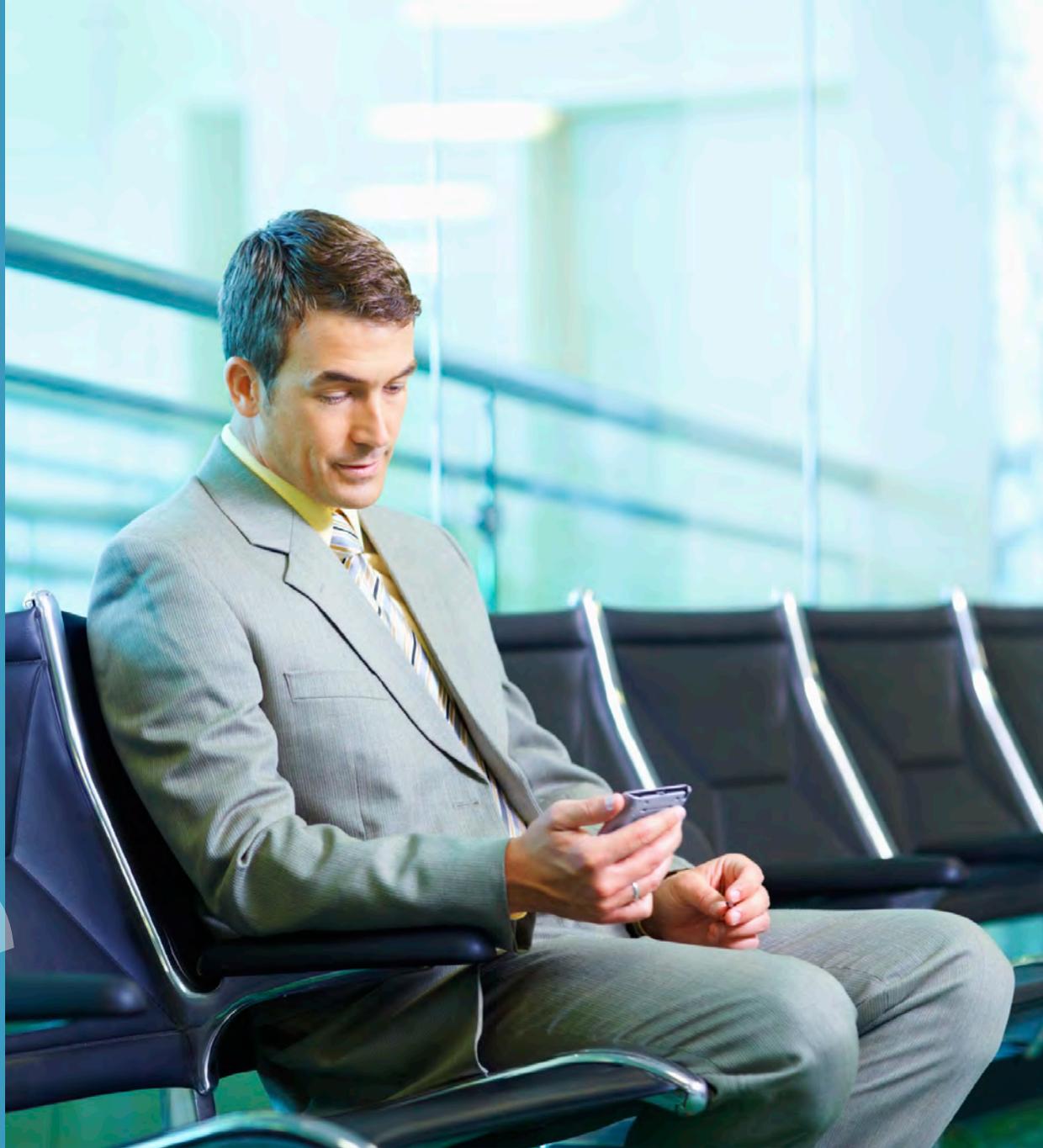
Cognizant

Cognizant Mobility Testing Lab

The faster, easier, more cost-effective way to test enterprise mobile apps.



Be Cognizant



With Cognizant Mobility Testing Lab You Will

Save time

- Never delay testing because you have to wait for devices or testing platforms
- Accelerate time-to-market with 24/7 availability of mobile app testing resources

Save money

- Dramatically reduce capital investment in your infrastructure for a faster ROI
- Access the latest mobile app testing tools in the cloud vs. purchasing them

Improve quality

- Extend test coverage over a greater number of devices and skilled testers
- Make testing more robust and precise with mobile test automation tools

Mobile App Testing Reinvented

A new day, a new mobile app—or 10 or 50 or 500. Mobile applications are proliferating at an astounding rate, and billions of mobile device users around the world devour them instantly on their smartphones and tablets. And no wonder. Mobility is a key factor as companies rethink their business models, reinvent their workforces and rewire their operations for tomorrow.

Building and testing mobile apps that work flawlessly and satisfy demanding users isn't easy—or inexpensive. But what if your testing team could:

- Reduce test infrastructure costs and increase test quality
- Schedule handset tests on-the-fly
- Automate mobile app testing in the cloud
- Securely test 24/7 from anywhere
- Bring validated mobile apps to market faster

You can. All you need is Cognizant Mobility Testing Lab.

What it is

Cognizant Mobility Testing Lab is a cloud-based test “lab-as-a-service” solution that revolutionizes mobile app testing. It saves time and infrastructure maintenance costs by:

- Automating mobile app testing in the cloud and on-demand
- Scaling to support iPhone, Android, Windows Mobile, Symbian, Blackberry and Java ME smartphones, tablets and operating systems
- Enabling validation of mobile apps on a multitude of real handsets and networks
- Removing the need to procure different devices and platforms
- Shortening the testing cycle by up to 50%
- Providing the option for leveraging Cognizant’s team of 600 test experts worldwide

Never wait for a device or platform to test new mobile apps again. Spend less on maintaining your test infrastructure. And test mobile apps faster and more efficiently. Cognizant makes it easy.



Cognizant Mobility Testing Lab is a cloud-based testing solution that revolutionizes mobile app testing

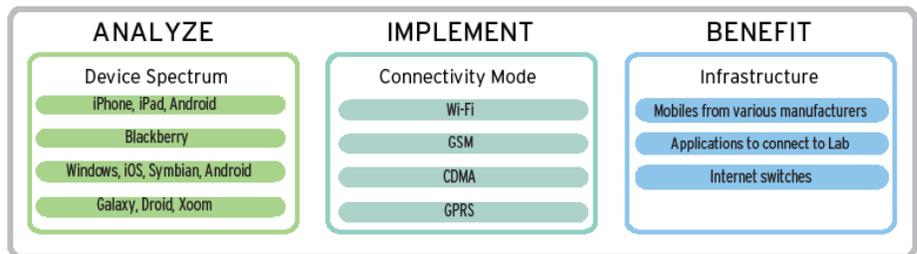
Collaborate with third-party developers, other business partners, and customers—anywhere in the world at any time

Rethink the way you test mobile apps

Cloud-based mobile app testing empowers you to reinvent the way you collaborate with third-party developers, other business partners, and customers—anywhere in the world at any time. You can easily, quickly and affordably test apps virtually in a real-world environment using multiple devices, different operating systems, screen configurations and carriers.

With Cognizant Mobility Testing Lab you never have to delay testing in order to provision dozens of different devices and contract with multiple carriers. Instead, you can reinvent and structure your test processes to respond instantly to market and technology trends—and stay competitive by getting high quality mobile apps into user hands faster.

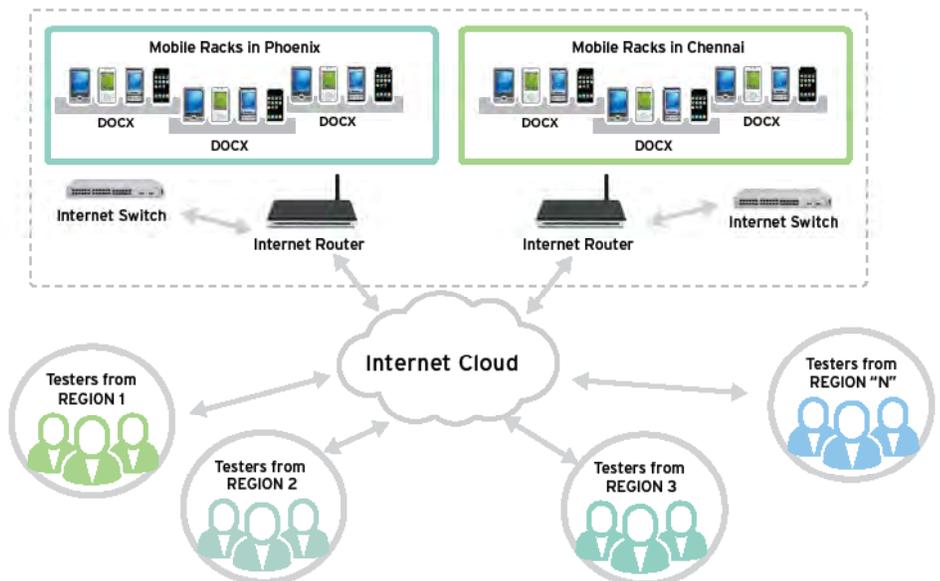
What Cognizant Mobility Testing Lab Brings to the Cloud



Take mobile testing to the cloud

Cognizant Mobility Testing Lab leverages MobileCloud™ from Perfecto Mobile, a leading provider of cloud-based testing solutions for mobile applications and websites. Perfecto utilizes a wide selection of actual, working mobile device hardware and software accessible via the web. This enables developers and testers, located anywhere in the world, to access a comprehensive range of the latest mobile handsets and tablets online. And because the entire infrastructure resides within the Cognizant network, testing teams have dedicated connectivity performance equivalent to their current local environment.

Reinventing How Mobile Apps Are Tested



Cognizant Mobility Testing Lab helps support the reinvention of enterprise mobile apps testing. It moves moving away from a static and expensive in-house mobile apps testing infrastructure to a new, on-demand collaborative approach.

On-demand testing across multiple devices and carriers

Creating the infrastructure you need to test mobile apps across ever-changing devices, geographies and carriers can break your budget—not to mention the time involved that can slow time-to-market. Why go to all that expense and delay when you may not even need the devices or services for an extended period? With Cognizant Mobility Testing Lab you get a single, scalable and affordable solution that allows you to:

- Reduce provisioning costs by 50% or more because you pay for only what you need when you need it
- Test against live carriers as well as Wi-Fi. Supported carriers include 4G providers in the U.S. (including AT&T Mobile, Verizon, and Sprint) as well as Wi-Fi and global network providers
- Test using engineers anywhere in the world over the Internet

Partial List of Supported Mobile Devices

Platform	OS Version	Manufacturer	Model	Type
Android	V2.2	Samsung	Galaxy S2	Phone
	V2.3	Motorola	Droid 2	Phone
	V3.0	Samsung	Galaxy Tab	Tablet
	V4.0	Samsung	Nexus	Phone
iOS	V4.3	Apple	iPhone 4	Phone
	V4.3	Apple	iPad 2	Tablet
	V42.2	Apple	iPhone 4	Phone
RIM	8300	Blackberry	Torch	Phone

The mobile app marketplace is just too volatile. With our on-demand pricing model it's easier to manage the cost of your mobile app testing infrastructure

World-class networking performance

Engineered for maximum user performance, Cognizant Mobility Testing Lab resides entirely within the Cognizant high-speed global network. As a result:

- Testing teams have dedicated connectivity equivalent to their current local network environment
- The testing environment always performs at maximum speed

Control over high infrastructure costs

Why stretch your budget with unnecessary infrastructure maintenance costs or play a guessing game with testing expenses? The mobile app marketplace is just too volatile. With our on-demand pricing model it's easier to manage the cost of your mobile app testing infrastructure because you:

- Pay for only the number of devices, network carriers, and time that you actually need to test mobile apps
- Save time and money on procuring devices and carriers when needed only for a short testing period
- Choose from manual or automation usage modes on an hourly, weekly, or monthly basis

Cognizant offers the same level of security in the cloud as you would find if hosting in a secure data center

Better leverage of your automated testing investments

With Cognizant you can maximize your investment in leading automation tools such as HP QTP to make mobile app testing simpler and more efficient. We can help you automate mobile regression testing in the following ways:

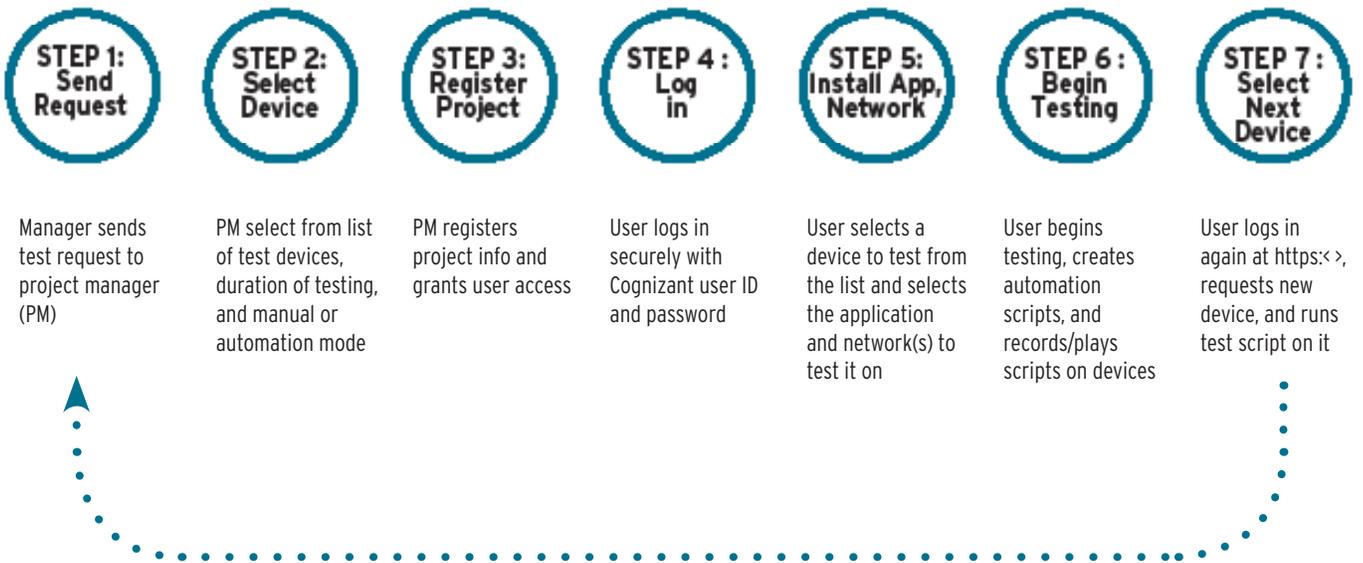
- Easily integrate Cognizant Mobility Testing Lab with HP QTP and install it as an add-on on any QTP licensed machine
- Allow QTP functional testers to use the Cognizant cloud platform to create automation scripts in just a few minutes
- Leverage Cognizant's own testing tool through the cloud if you don't already have QTP or another automated solution
- Plus, Cognizant's approach automates the testing of native, hybrid, and web applications all on a cloud-based platform that ensures uniform testing

Maximum security for your digital assets

Iron-clad security is not an option for companies in financial services, insurance, healthcare, life sciences and other competitive industries where mobility plays a big role in the future of work. Rest assured. The Cognizant Mobility Testing Lab testing environment offers the same high level of protection as if it were hosted entirely in a secure data center:

- Data stored in the devices is highly secure and hosted on a proven, private cloud
- Access is restricted to your authorized users and only to designated mobile phones for the duration of the test

Access and Testina Procedure



Partner with us for world-class testing services

Even with explosive growth, the mobile app marketplace is still in its infancy—but your mobile app testing lab partner shouldn't be. Even the largest global service providers often lack the skills and resources to test and provision mobile apps for fast, reliable performance. That's why you need Cognizant, our testing team, and access to the test lab-as-a-service solution.

We lead the mobile app testing industry with:

EXPERIENCE Cognizant's mobile labs in the U.S. and India have been building testing tools for mobile apps since 2009. From our advanced test labs we provide on-demand, self-service access to a wide range of leading commercial and proprietary Cognizant testing tools. Our mobility tools are designed for functional regression and compatibility testing. They handle cross platform automation needs and bring efficiency to overall test execution efforts. We have also adopted a mixture of mobile testing technologies, including DeviceAnywhere Pro, TestQuest Countdown and Keynote MITE, to give you the most flexibility and scalability in testing processes.

EXPERTISE Cognizant's 75 mobile software architects and 600 testers ensure the highest quality service with the speed, reliability, and security demanded by today's enterprise mobile apps. Our teams monitor next-generation mobile technologies, explore new testing tools, and constantly develop cutting edge mobile app testing solutions.

ON-DEMAND, GLOBAL CLOUD-BASED TESTING Cognizant's On-Demand Labs in Phoenix and Chennai provide a complete cloud-based testing capability you can access quickly and efficiently from anywhere in the world. Save time and stay competitive as you respond with greater agility to the demand for mobile apps.

ALL PLATFORMS, ALL INDUSTRIES Cognizant's testing expertise spans all major platforms and includes niche solutions for testing mobile apps in all industries. Our on-demand access to leading worldwide carriers uniquely saves you time and money on provisioning and helps you get 3G/4G apps into service faster.

Save time and stay competitive as you respond with greater agility to the demand for mobile apps

Cognizant's Full Range of Mobile Testing Services

Testing Services	Focus of Service Offering
Functional Testing	<ul style="list-style-type: none"> • GUI testing • Regression testing
Automation Testing	<ul style="list-style-type: none"> • Build regression test automation • Build smoke test automation
Field Network Testing	<ul style="list-style-type: none"> • Application functionality in a real-life usage model • Geographic testing
User Experience Testing	<ul style="list-style-type: none"> • User friendliness • Testing across users groups
Non-Functional Testing	<ul style="list-style-type: none"> • Performance monitoring • Synthetic transaction testing • Security
Specialized Services	<ul style="list-style-type: none"> • Cross browser/platform capability testing • Smart interruption testing • SMS testing
Application Validation	<ul style="list-style-type: none"> • Certification and application validation

Let's Talk

With Cognizant Mobility Testing Lab, you can test multiple devices and carriers on-demand, reign in high infrastructure costs and better leverage your automated testing assets. Together with our skilled mobile architects and testers, we offer the tools and services you need to move fast in a mobile world. For more information, please contact us at inquiry@cognizant.com.

About Cognizant

Cognizant (NASDAQ: CTSH) is a leading provider of information technology, consulting, and business process outsourcing services, dedicated to helping the world's leading companies build stronger businesses. Headquartered in Teaneck, New Jersey (U.S.), Cognizant combines a passion for client satisfaction, technology innovation, deep industry and business process expertise, and a global, collaborative workforce that embodies the future of work. With over 50 delivery centers worldwide and approximately 137,700 employees as of December 31, 2011, Cognizant is a member of the NASDAQ-100, the S&P 500, the Forbes Global 2000, and the Fortune 500 and is ranked among the top performing and fastest growing companies in the world.

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