

Set up a scalable 200 device cloud infrastructure for one of the biggest telecom players in India

Client

With more than **2.8 million users** in India, the telecom player had a large device set of more than 5000 devices managed manually. It has a range of more than 15 consumer apps in categories like music, movies, TV, chat etc and each having **more than 100 million downloads** on Android. Each app is managed by different teams with a separate lab, devices and tools.

As the telecom industry is truly moving towards content and digitization, there is a growing need for effective and efficient app testing to make their apps meet Quality@Speed.

Business Challenges

The company had been going through some major challenges as listed below:

- Dealing with **multiple mobile handsets manually** affected its productivity
- It also **increased their expenses**
- Existing mobile devices **were not optimally utilized** among the teams spread across the nation but they did not want to go with externally hosted services
- With large user base, the telecom player comes up with offers, features, promotions quite frequently with a **short and fast paced Feature Release cycle (i.e. Sprint)**
- Many scenarios of the apps require testing with SIMs
- Manual Testing falls short to cover comprehensively in-time and had **dire need for automation**

Our Solution

We offered them an **On premise offering** in terms of setting up a cloud **of 200 mobile devices which is scalable upto 500+ devices**. It is a one-of-its kind scalable infra that pCloudy helped the client in setting up on their premises to meet their needs for a robust testing mechanism. The client chooses pCloudy because of the ease of set up, the ability to meet their stringent security requirements, and our ability to integrate their custom automation frameworks.

Result

By trusting pCloudy, our client can ensure quality at speed to deliver their services through the app. Some of the benefits they got are :

- They can **optimize existing devices** across different teams 24x7.
- With access to a **unified platform** – they have saved significant time in manual and automation testing.
- They can schedule automated runs in a **continuous integrated mode** and also during regression tests.
- Our solution is helping them to **move to DevOps** kind of environment thereby **reducing the release time significantly** through automation
- SIMs are available in the central lab accessed by all the teams spread across the nation.
- They can now do **large scale simultaneous load testing** through real devices.

About pCloudy

pCloudy is a next-gen mobile app testing platform with more than 5000 device browser combinations. It is an ideal platform to perform manual as well as automated testing on hundreds of real devices. Users can perform functional testing and non-functional testing on multiple iOS and Android devices. pCloudy has a global presence and provides solutions to many Fortune 500 companies.

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