



*The world is **changing** very fast.  
Big will not beat small anymore.  
It will be the **fast** beating the slow.*

*Rupert Murdoch, 21st century Fox*

## **Company & Solution** Overview



TestnNeed

*exists to*

"Transform  
companies to  
provide the best  
product fast"

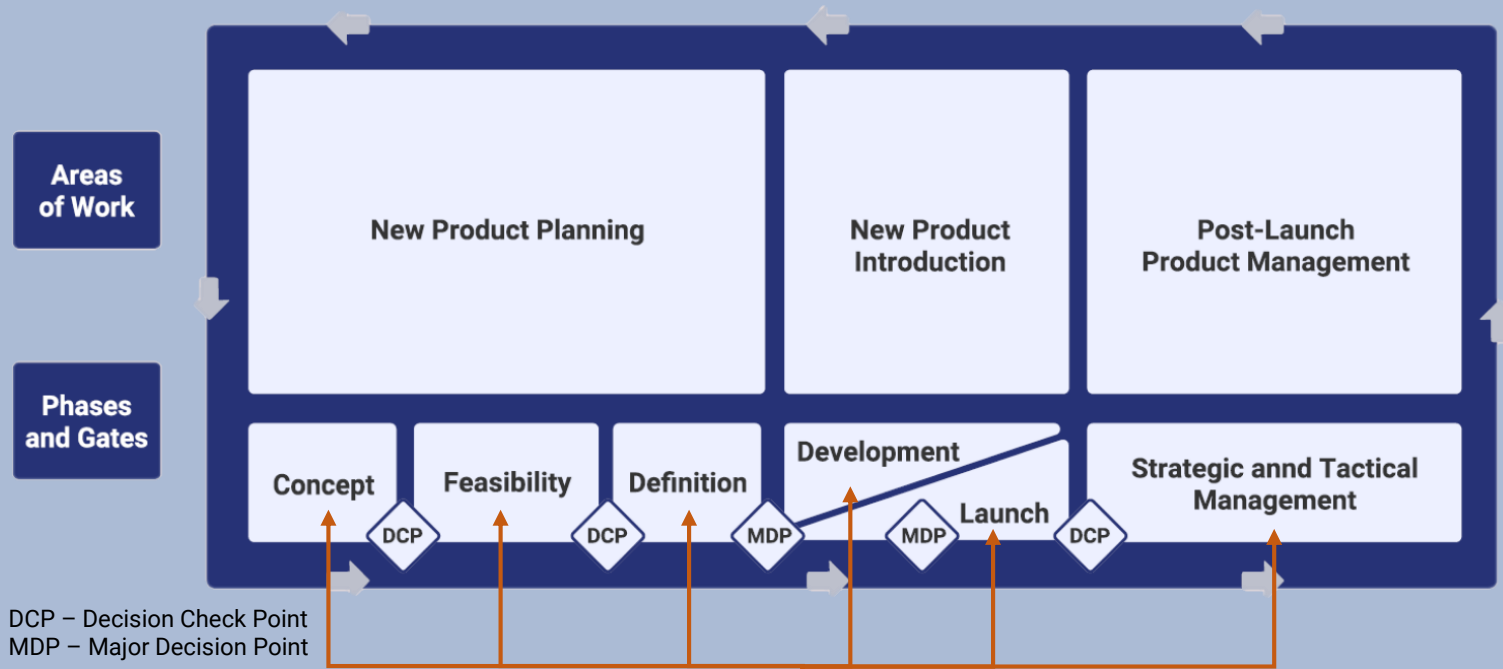
*enabling*

Testing  
Automation  
DevOps

# Massive Transformative Purpose (MTP)



# Product Development Life Cycle - PDLC



WHAT WE DO  
We Testopers live to solve validation and efficiency challenges.

Validate by **Testing** to solve customer pain  
Improve Efficiency by **Automation** and **DevOps**

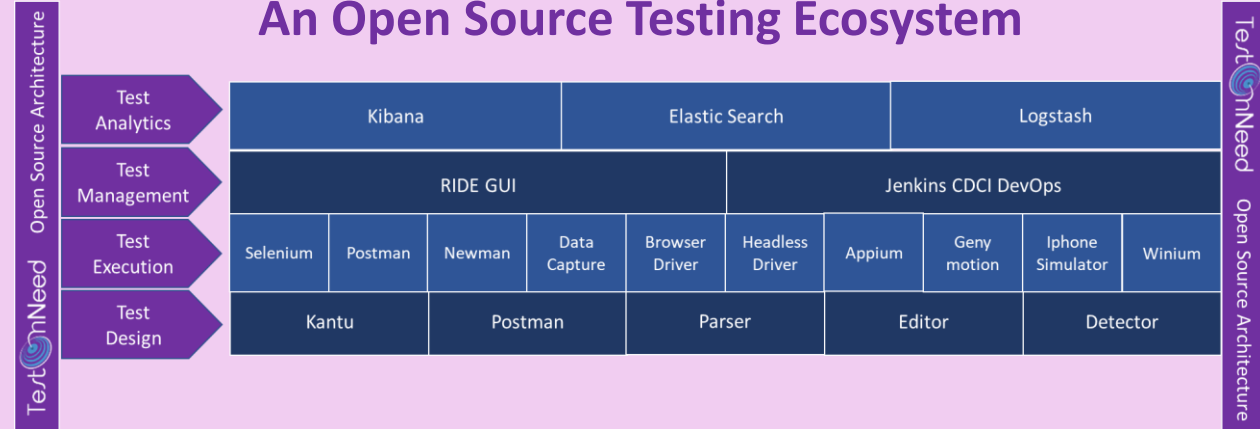


## DIFFERENTIATION

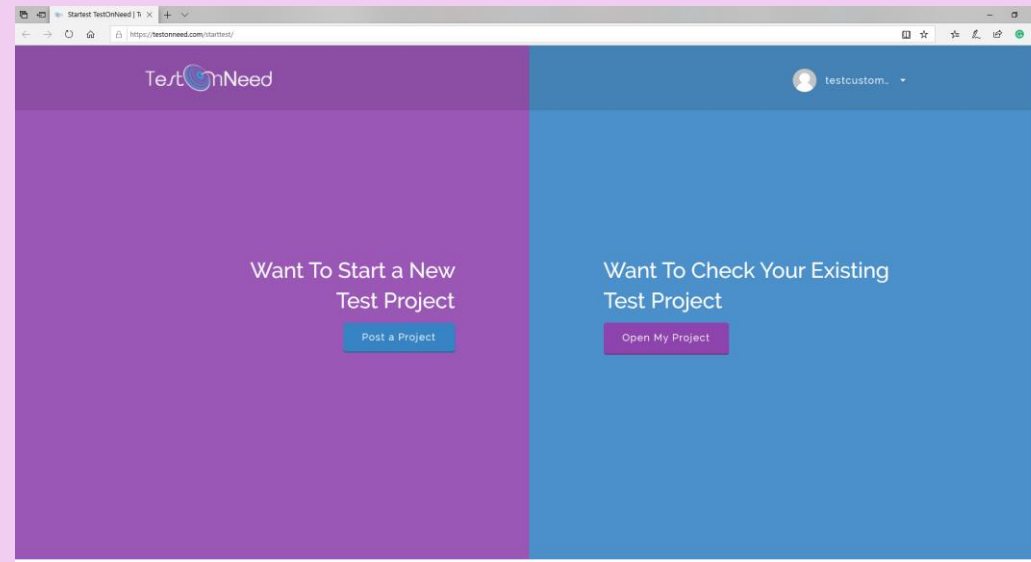
We “Testopers” in TestOnNeed just don’t test and automate; we make products better using **Open Sources**, and by providing **ON-NEED Platform**.



## An Open Source Testing Ecosystem



## An Online Convenient ON-NEED Platform





# Solution Play Ground



## TestonNeed Solution Play Ground

We scale, minimize costs, and offer improved services and quality

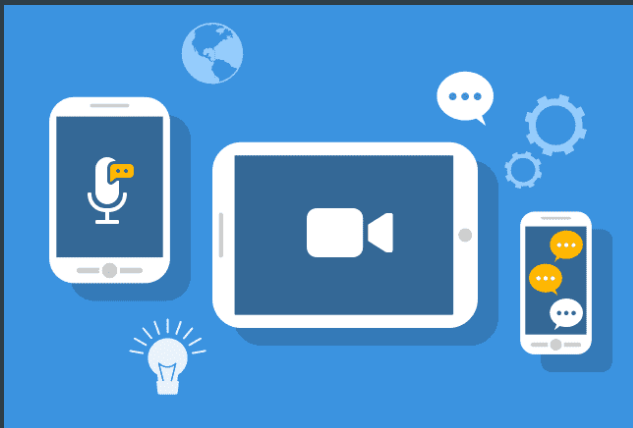
<https://testonneed.com>

# Solutions Details



# TestOnNeed Solutions

## Application Testing, Automation, and DevOps



[Videos](#)



[Specification](#)

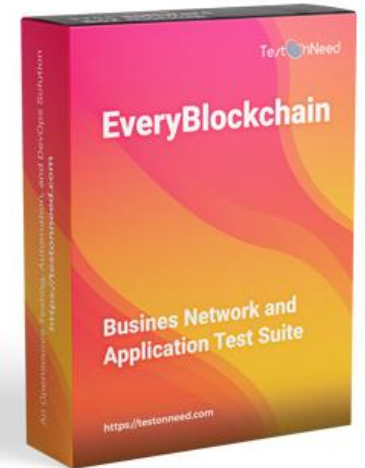
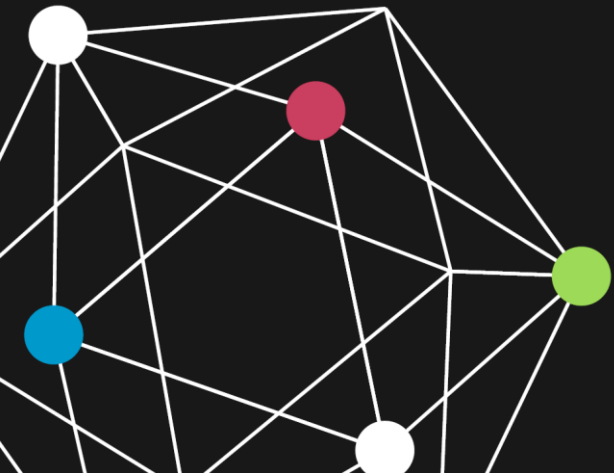


[Manual](#)

[Purchase](#)



# Hyperledger Blockchain Test as a Service (TaaS)



[Videos](#)

[Specification](#)



[Manual](#)

[Purchase](#)

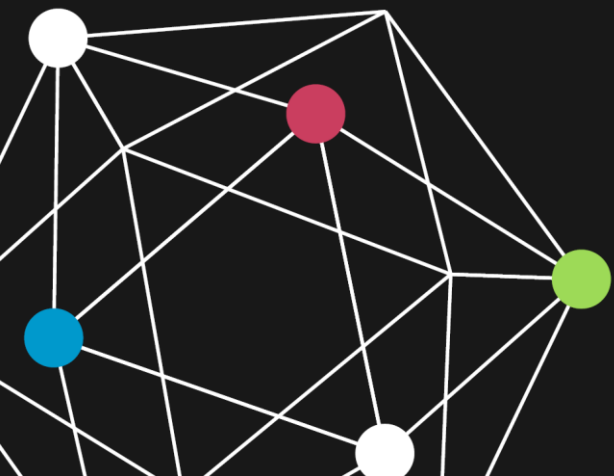
Integration Testing | System Testing | Performance Testing



# TestonNeed Solutions

 QuillAudits Powered by  Quillhash

## Blockchain Security Audit



Ethereum



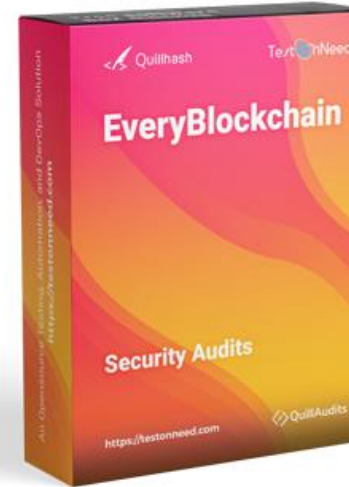
NEO



EOS



Hyperledger



Smart Contracts

DApps

Protocol

Decentralized Exchange

[Checklist](#)

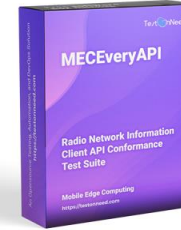
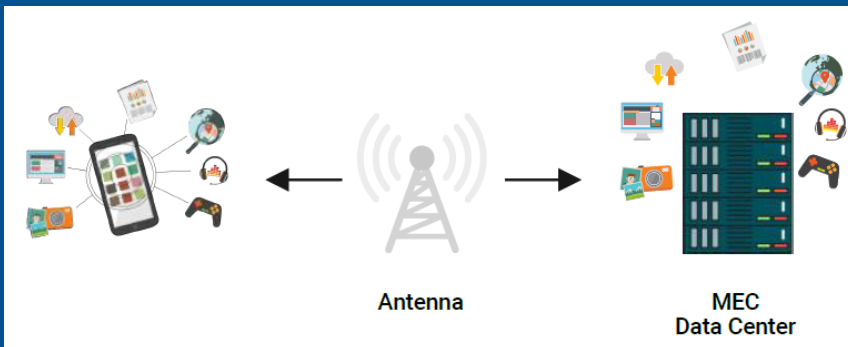
[Scope](#)

[Reports](#)

[Purchase](#)

| Unit Testing |

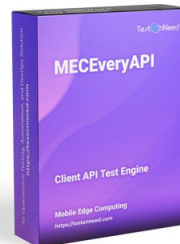
# Multi-access (Mobile) Edge Computing RESTful API Conformance Testing Solution



MEC 4G eNB, MEC 5G eNB,  
and MEC Platform MEC ETSI  
RESTful API Specification  
Client Conformance Test Suite



MEC Platform, and MEC  
Application ETSI RESTful  
API Specification Server  
Conformance Test Suite



MEC 4G eNB, MEC 5G eNB MEC  
Platform, and MEC Application ETSI  
RESTful API Specification Client and  
Server Conformance Test Engine

[Videos](#)

[Specification](#)

[Manual](#)

[Purchase](#)

Turnkey



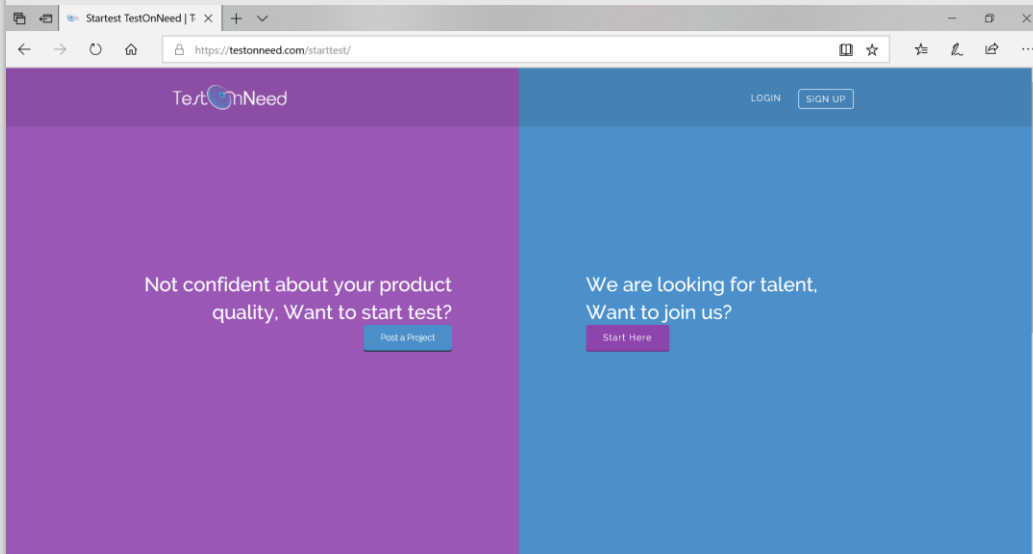
Solution

Devops



Testing

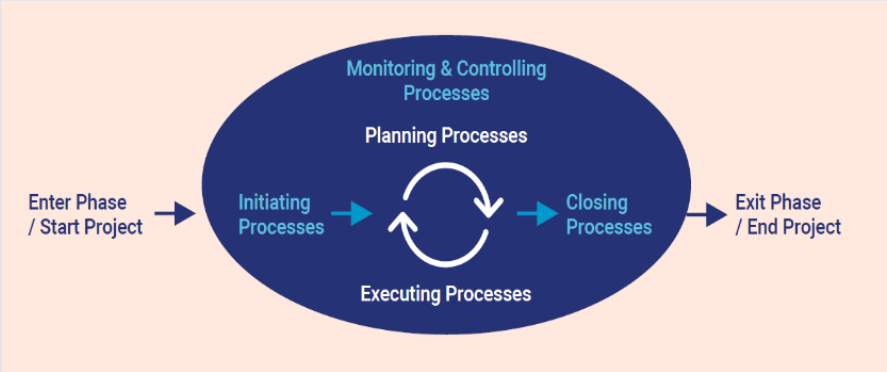
Automation



Register and post your “**Turnkey Solution**” requirements in our online “**ON-Need**” platform.

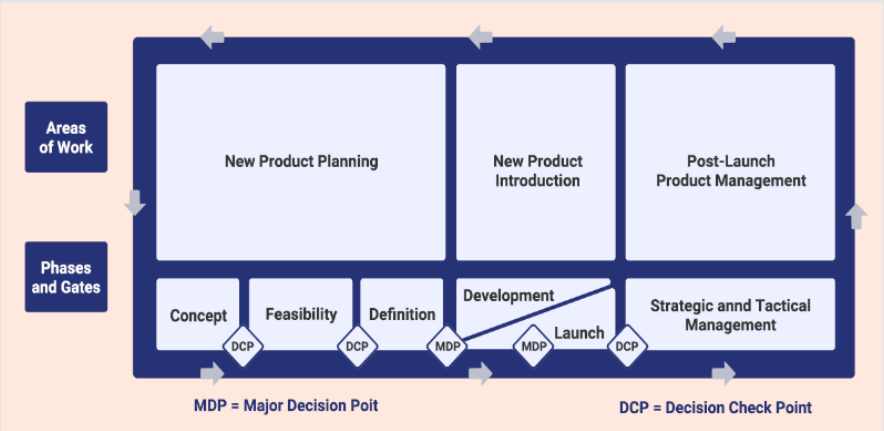
<https://testonneed.com/starttest/>

# Project Management Life Cycle - PMLC

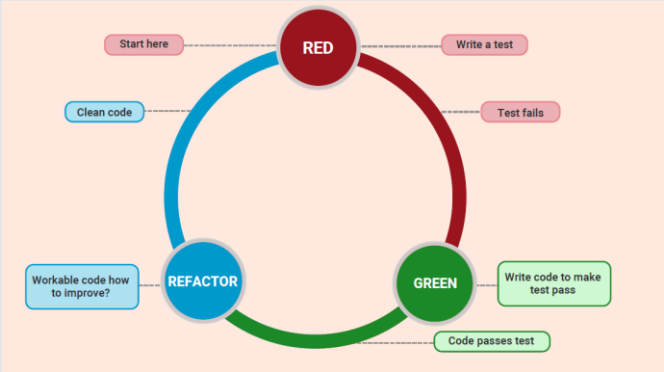


We provide the turnkey test, automation, and DevOps solutions from project to end-to-end product life cycle using agile practices

# Product Development Life Cycle - PDLC



# Test Driven Development



# Customer Case Study







## Customer Case Study

# RUBRIK



Web

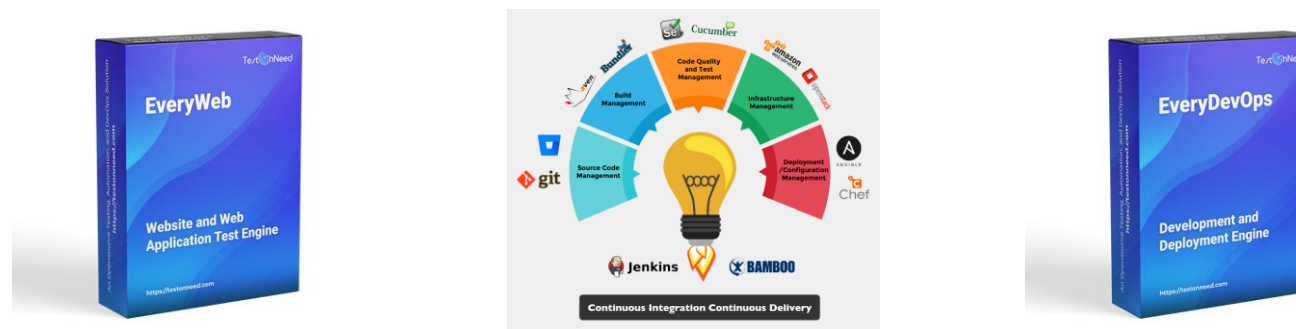


DevOps

## Challenge

- Scale and improve the quality and performance of the application including analytics engine
- Deploy, automate, and setup CD/CI pipeline for multiple applications in the public cloud

## Solution



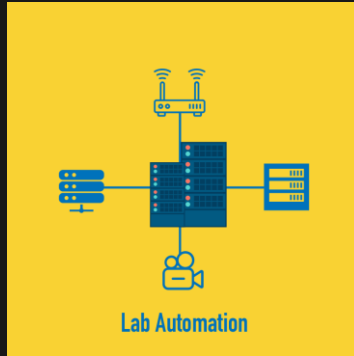
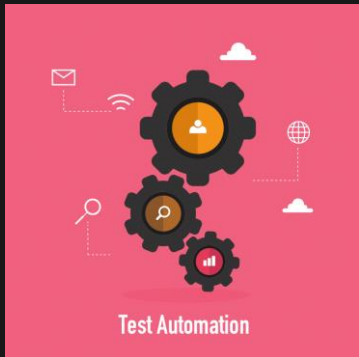
## Result

<https://teachers.rubriksoft.com/>  
<https://students.rubriksoft.com/>  
<https://principal.rubriksoft.com/>  
<https://admin.rubriksoft.com/>  
<https://home.rubriksoft.com/>  
<https://rubriksoft.com/>



# TestOnNeed

## Customer Case Study



### Challenge

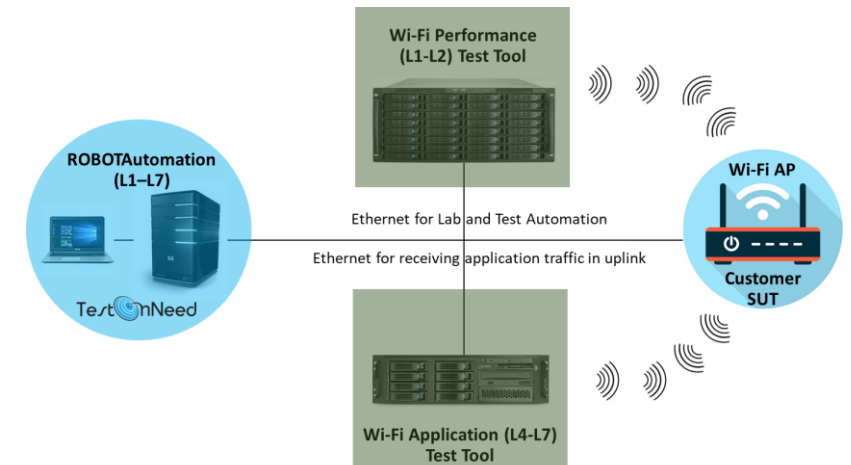
- A tier one operator in North America wants to test and deliver new Wi-Fi Access point (STB) product fast as well as subsequent upgrades
- Test cycle takes 5 - 12 weeks with 1000<sup>nds</sup> of manual test cases with two different test tools (Wi-Fi network and Application testing)

### Turnkey Solution

- TestOnNeed created easy to use Turnkey ROBOTAutomation solution to automate both test cases and the lab equipment
- It included test design, test execution, test automation as well as test analytics

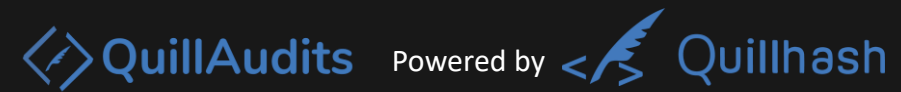
### Result

Customer successfully reduced complexity, improved efficiency from 12 weeks to maximum 2 weeks. As a result reduced cost, and higher ROI





## Customer Case Study



Powered by



Quillhash



BLOCKWRK



Oxycoin



Blockchain

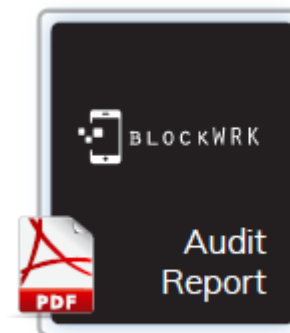
## Challenge

- Identify security vulnerabilities and flaws in the smart contract that may impede performance, lost revenue, hacks, etc.
- Characterize smart contract performance against attacks such as Reentrancy, oyster pearl, parity, and DDOS

## Solution

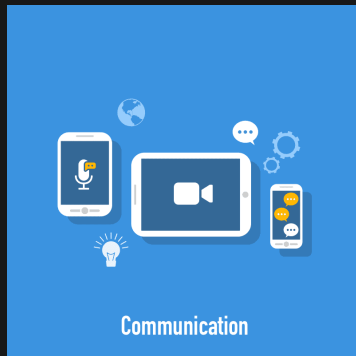


## Result





## Customer Case Study



### Challenge

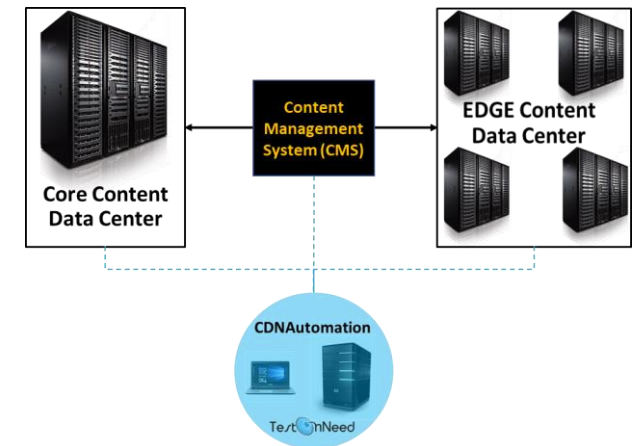
- IPTV VOD service provider experienced out of sync video content between the core data center and edge content data center
- As a result, service failed because of errors injected by CDN such as invalid format, file missing, incorrect location, etc.

### Turnkey Solution

- TestOnNeed created easy to use automation test solution to verify and validate content between the core and multiple edge data centers
- The solution can be configured and executed on-demand or periodically to validate

### Result

The customer can ensure consistency of video content between data centers and as a result, improved IPTV VOD service performance





We **Testopers** in **TestOnNeed** are the trusted expert throughout journey in your product and project life cycle -- unlike others who are involved in part. We **Testopers** are the future of your company that you would not regret having at hand to deliver next-generation technology products.

We **scale** and minimize costs

We **live** to create flawless products

We **start** your project when you need it

We **deliver** products fast with high quality

We **automate** all to be fast to beat the slow

We **exist** to provide solution bridging multiple open sources

To discover more, visit and read about us at







*Being **efficient** and **fast** is all about **transformation** and success is all about welcoming it.*

To transform and to provide the best product fast, start today your journey with us at <https://testonneed.com/>



THANK YOU