



**Salesforce Automation  
using Provar  
For  
US Based Tech Company  
(Stock Photography)**

### About the Client:

Company is a stock photography agency headquartered in New York City, New York and United States. It maintains a library of millions of royalty-free stock photos, vector graphics, and illustrations, and sizeable video clips for license.

### Business needs addressed:

This organization had their critical business flows integrated with salesforce. There was no test automation in place to ensure the sanity of business flows and the quality of critical data that was being manipulated in salesforce and further sent to application endpoints. Since there were no automated test cases, there was a lot of ground to cover in less time.

### Solution:

- TFT understood the business processes and the coverage needed
- Provar was chosen as the preferred tool as it integrates closely with salesforce, it's fast to automate and is code-free. Speed was the major factor here
- Started with automating with critical paths and we were able to cover the happy path flows for critical paths in 2 weeks time
- Since the tool is code-free, manual testers were able to contribute to the automation which was a plus as we didn't need extra pair of hands for automation testing only
- With time, the suite grew in very less time and we were able to achieve good coverage. This gave the organization confidence in their releases



Stock  
photography

# Stock photography

## Process:

- We started off with one TFT SDET with provar expertise to create tests and train the TFT manual test engineer in parallel
- The manual test engineer was able to pick up the tool really quick due to its ease in usability and was able to contribute to the automated test within no time.
- We identified critical paths with the help of organization's Salesforce team members and focused on those flows first.
- The initial focus was on end to end test flows rather than testing small functionalities in isolation.
- We were able to integrate provar tests with the CI/CD pipeline of the organization which ensured us that all code changes pass a regression tests, which gave the team confidence on their releases

## Pros:

- We were able to spin up a initial suite of end to end tests in 2 weeks
- Manual test engineers with no prior experience in programming were able to write automated tests
- The tests were resilient to salesforce periodic releases
- Were able to run tests in multiple environments from provar configuration
- We were able to run tests with different user profiles in salesforce to ensure permission control.

## Cons:

- Since Provar is not an open source tool, it come with a price
- Customization is not possible

# Our Global Footprints

Think Future Technologies

[www.tftus.com](http://www.tftus.com)



## Guadalajara, Mexico

+52-33-1906-9859  
info@tftus.com

## New York, USA

+1-212-6344299  
infoUSA@tftus.com

## Tel Aviv, Israel

+972-54-2077434  
infoUAE@tftus.com

## Dubai, UAE

+971-52-5596197  
infoUAE@tftus.com

## Gurugram, India (HO)

1<sup>st</sup> Floor, AIHP Tower, 249G  
Udyog Vihar, Phase-4, Haryana-  
122015  
+91-124-2807000  
info@tftus.com



**Vijay K Gupta**  
CEO

Phone: +91-124-2807044  
gupta.vk@tftus.com  
www.tftus.com



**Vijay Khanna**  
CTO

Phone: +91-124-2807000  
khanna.vijay@tftus.com  
www.tftus.com



**Prakhar Gupta**  
Head, Sales

Phone: +91-124-2807069  
gupta.praakhar@tftus.com  
www.tftus.com

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