

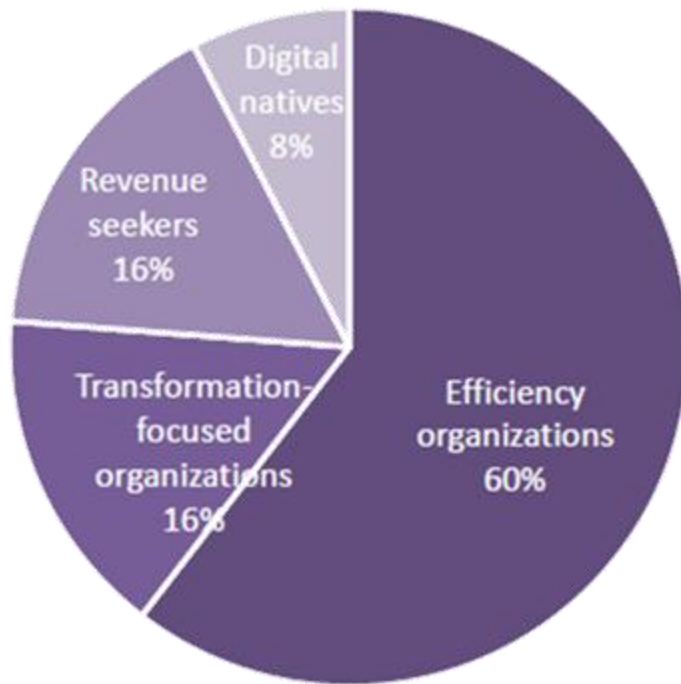
Script Genie

Cards



Why ScriptGenie

The focus on Efficiency Organizations continues to be ~60% till 2020 (as per the report)



Source: Nelson Hall - Transforming Software Testing Services

Challenges in Repository



Increasing volume of test artefacts



Useful only in Regression & **not for** changes / customizations



Tightly coupled with **product**



Lack of **standardized** output



People dependent



Frequent Changes



Demand for "Time to Market"



Cost-sensitive markets

... Into details

Fastest way to generate test scripts for functional testing

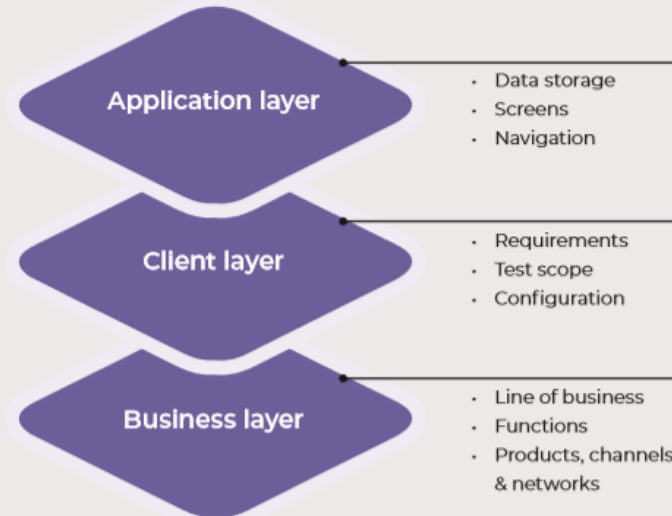
Pre-packaged with 2,500+ domain specific reusable components

Highly configurable & easily adaptable to any changes in the business requirement and/or in the application

Major Challenges

- ❑ No time to write and test Scripts
- ❑ Non-Standardized output across testers
- ❑ Not enough coverage
- ❑ Repository has only regression, but we do lot of progressive testing

Engineering of ScriptGenie

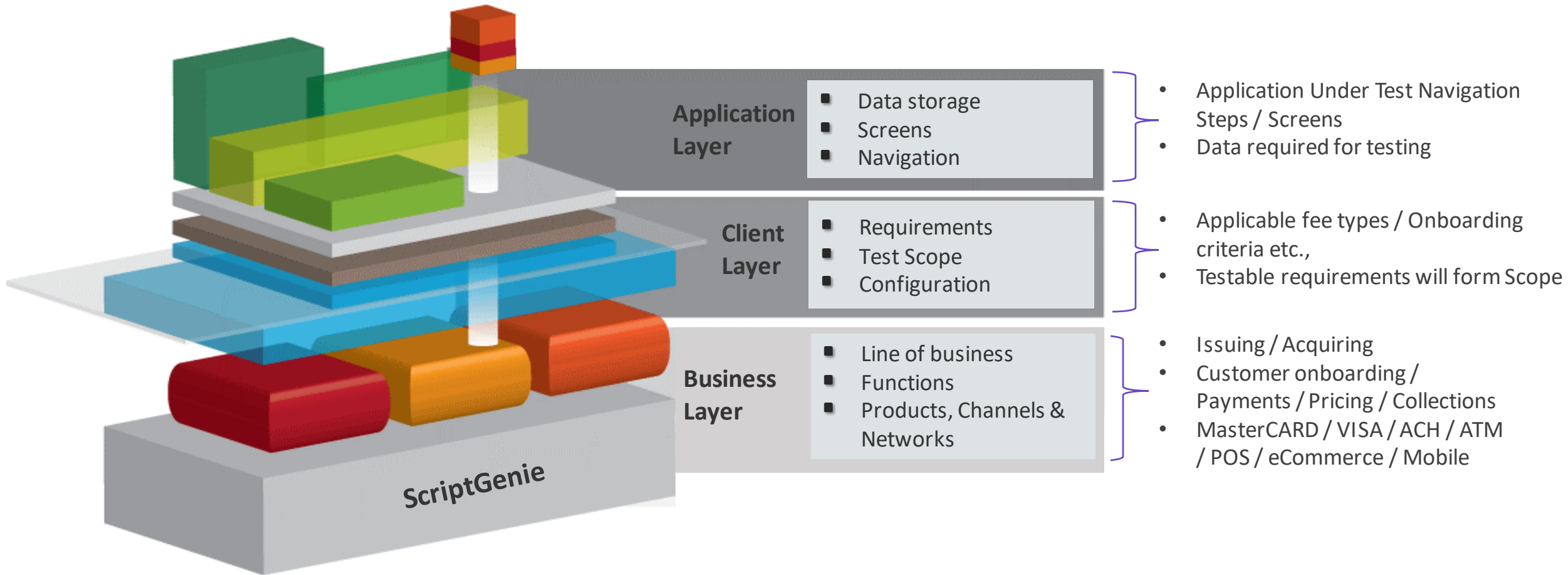


Major Benefits in Test Planning / Design phase



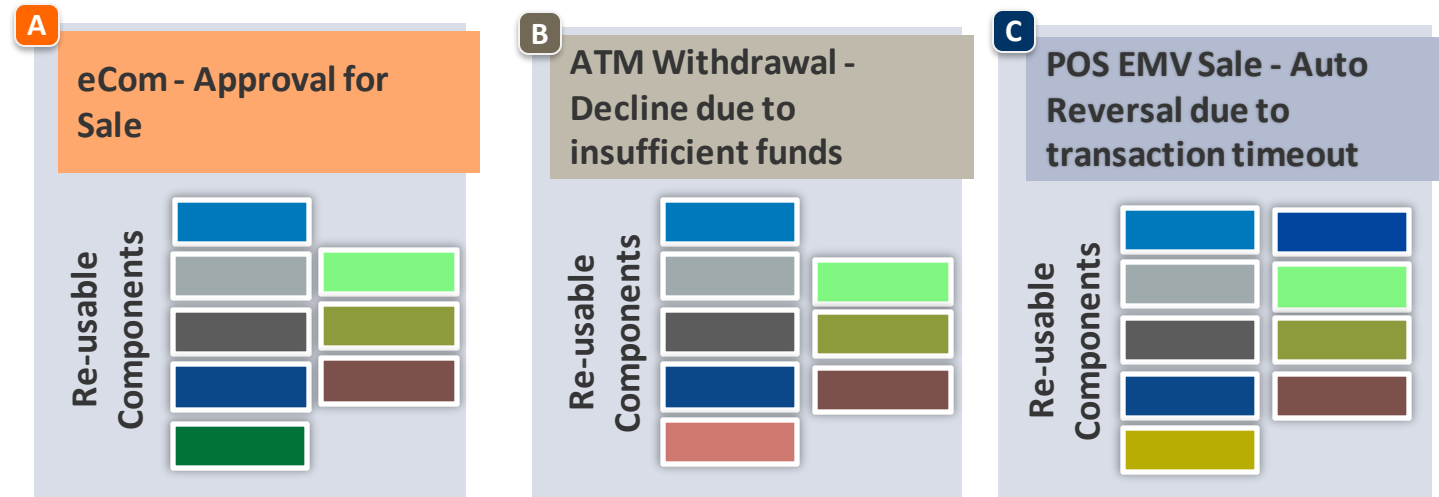
The engineering of ScriptGenie

3 levels of abstraction



Domain Reusable Components – Auth Example

- Domain Agnostic Domain Reusable components
- Dynamic Generation of Test steps with Application specific data like Screen & Navigation



Domain Reusable component



Test Step

Retrieve the OTB of the card from **<Screen>** to perform an authorization transaction within the available OTB

VisionPlus

TSYS PRIME

Generated Test Step

Retrieve the OTB of the card from **ARIQ** to perform an authorization transaction within the available OTB

Retrieve the OTB of the card from **Authorization details** to perform an authorization transaction within the available OTB

Demo



ScriptGenie - Scripting Simplified

Primary Selection

Domain* CARDS

Line of Business* Issuing

Application* APP-001

Client* C-001

Card Type* Credit Card

Proceed Clear

13 Applications

14 Clients

97 No of Functions

0 Reuseable Components

Our Other Accelerators

SimpliFile

☆ Input File generators - Schema, ISO 20022

☆ User input files

Calculators

Calculators based on conf Interest, Fees & Chg Commissions etc

Predictive analy Heat Maps and Benchmarking

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Benefits

Quality



~100%

- ✓ FTR
- ✓ Coverage
- ✓ Standardized output

Time to Market



**40% to
50%**

- ✓ Faster
- ✓ Higher Reuse
- ✓ Industrialized test planning

Effort / Cost



25% to 35%

- ✓ Cheaper
- ✓ Reduced dependency on resources



- ✓ Agile/ DevOps
- ✓ API Boom
- ✓ Microservices

(expleo)

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