



# Managed Testing Overview

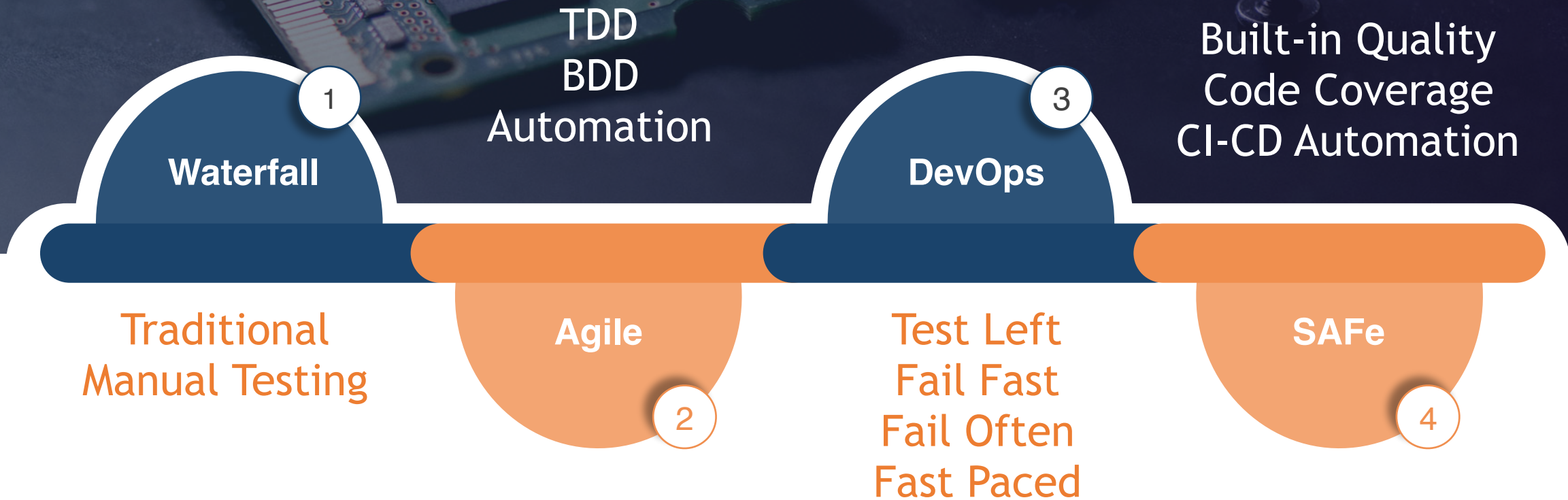


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# Services Offering

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# Testing Challenges – Evolving Delivery Models



# Why Managed Testing?



## CHALLENGE

- Higher testing cost resulting lower test coverage.
- Testing is slowing down delivery process, lack of automation.
- Frequent requirement changes resulting in shorter testing window.
- Adapting testing methods to changing delivery models.
- Uncertain quality, higher operational cost, defect leakage, longer fix time.
- Scale testing teams, availability of skilled testing team.



## SOLUTION

- Managed testing service that can take care of all testing needs.
- Right-shore model for managing testing cost, resource availability.
- Managed testing services that enables scalable teams and offer ready to use infrastructure as needed.
- Establish processes and quality measure to track progress objectively.
- Managed testing service that can provide skills required for working with newer tool, technologies and methodologies.



## OUTCOME

- Measurable quality through use of process and metrics.
- Reduced cost due to right-shoring and higher team availability.
- Reduced operational cost for fixing defects due to increase test coverage during development.
- Faster test turnaround by increased automation using highly skilled and experience team.
- Scalable teams and infrastructure to accommodate any testing needs.



# Our Managed Testing Service

## 24 X 7

Round a clock delivery model



## 100%

Measurable Quality Through Metrics



## 25 - 75%

Improvements in Quality Using Tools and Process



## 40%

Cost Reduction Through Right-shoring Model



## Managed Testing Team

### Global

Teams working from multiple locations.



### Flexible

Delivery Model with Right shoring options.



### Methodologies

We support projects that are using SAFe, DevOps, Agile and Waterfall models.

### Fully Customized Service

Our services can be fully customized to fit to your organization needed.

### Scalable Service

We can easily scale our infrastructure and teams to accommodate changing business needs.

### 100%

Ready to use infrastructure with tools and licensing.



### On-time

We guarantee on time delivery irrespective of project size and complexity.



### Certified

Certified professionals with wide industry and project methodology experience.

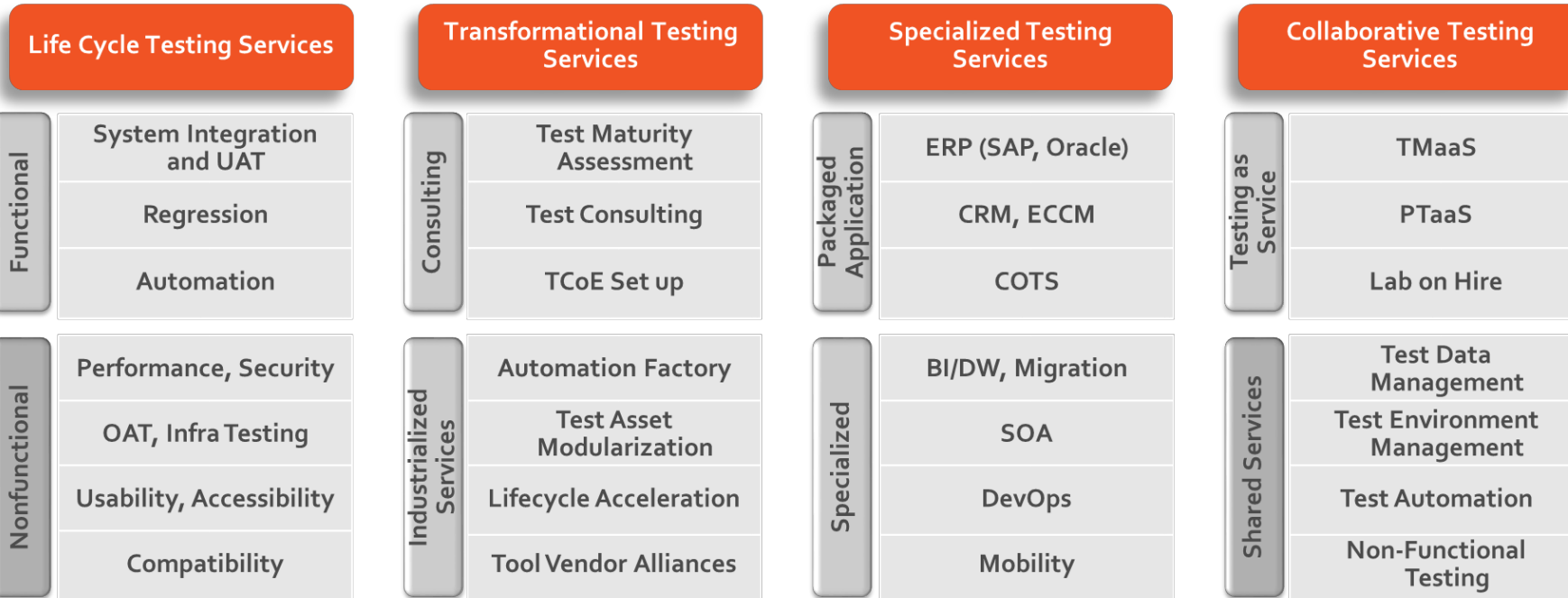
### Right shore model

We deliver work from –

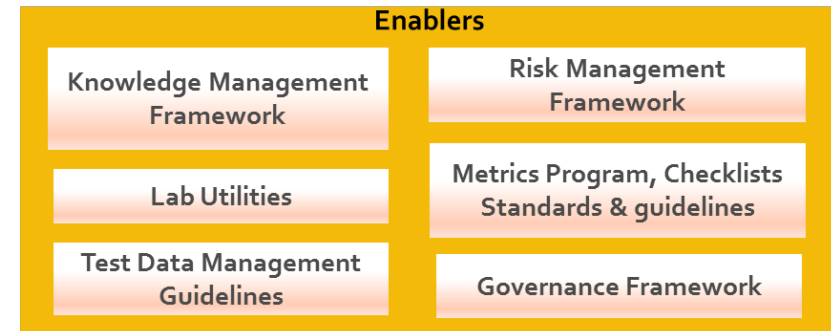
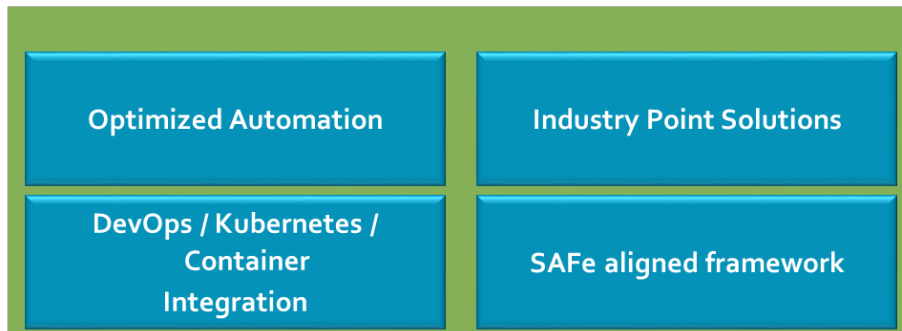
- Onsite/Offsite within US
- Offshore
- Hybrid Onshore/Offshore/Near shore

# Managed Testing Options

## MANAGED TESTING SERVICE PRACTICE



- Critical Success Factor
- Tailored Process
- Quantitative Project Management
- Risk Based Approach



# Core Testing

## Functional Testing

- Domain focused approach
- Requirement mapping to test cases
- User behavior and journey testing
- Root cause analysis

## Regression Testing

- Risk based testing for faster regression cycle
- Flexible ramp up to reduce cost
- Automation of regression suite

## Integration Testing

- Integration of various systems and subsystems for workflow
- Web Services testing for integrations
- Result oriented approach

## User Acceptance Testing

- Distributed environment tests.
- Expectations based test approach
- Session based test management

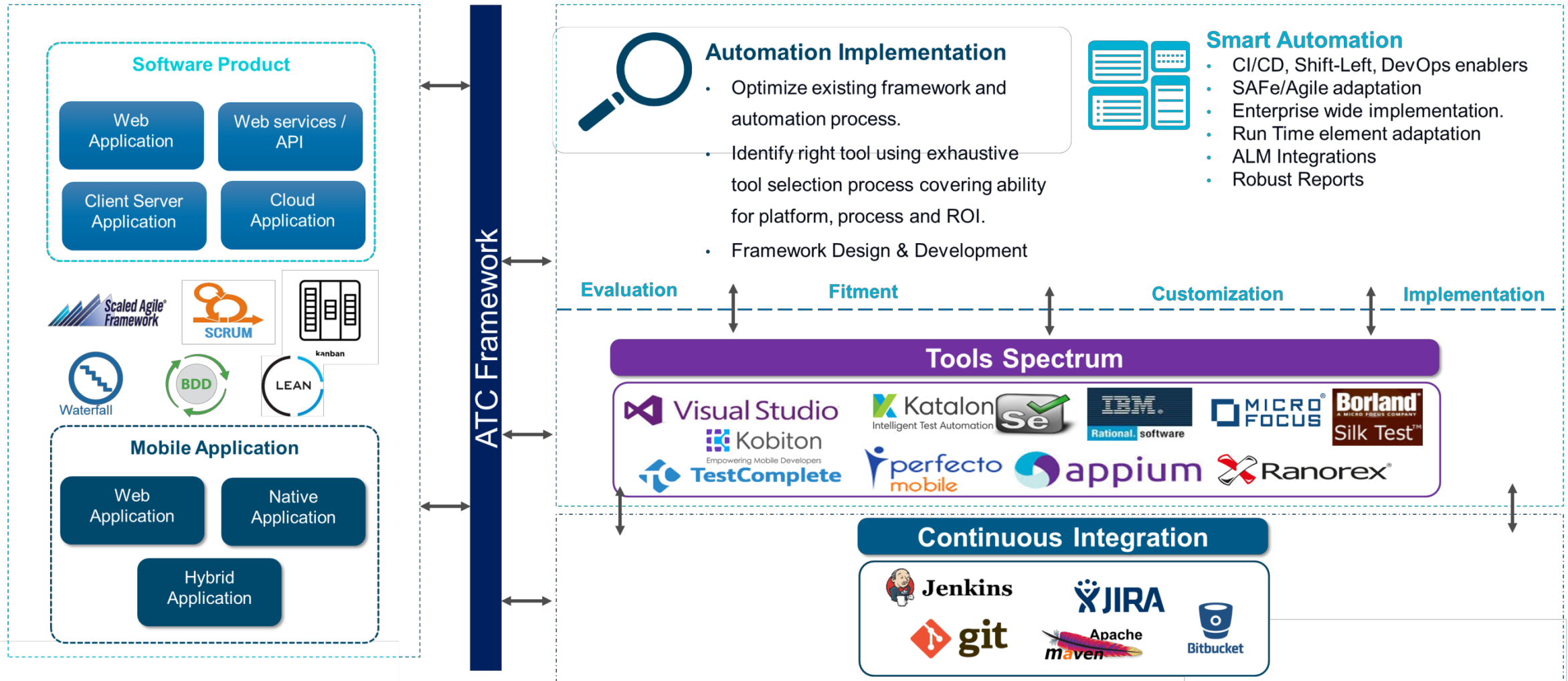


- Applications testing
  - Desktop applications
  - Web based applications
  - Mobile application
- Application interface testing
- SOA – Web services testing
- Database & BI testing
- Packaged enterprise applications testing
- Quantitative Test Management benefiting ISV's and Start ups.

## Tools



# Automation Testing



# Performance Testing

## Suite

Enterprise Applications



Enterprise Software



Cloud Applications



Independent Software Vendor



Web Application

## Approach

Performance Analysis

Test Execution and Result Reporting

Set up Test environment

Designing Test Strategy, Volume Metrics and Workload Analysis

Tool Assessment (Open Source & Commercial)

Application Portfolio analysis (Technologies & Platform)

## Key Objective

- Assess the performance and identify critical bottlenecks to improve the scalability
- Conduct extensive performance testing under staging environments
- Analyze and compare the performance in every build ensuring its stability
- Exhaustive testing of the database back-ups / restoration of the system
- Load, Stress, Endurance, Spike, Volume, Compatibility Testing

## Value Proposition



Improved quality and efficiency at reduced cost



Quicker Time- to-Market



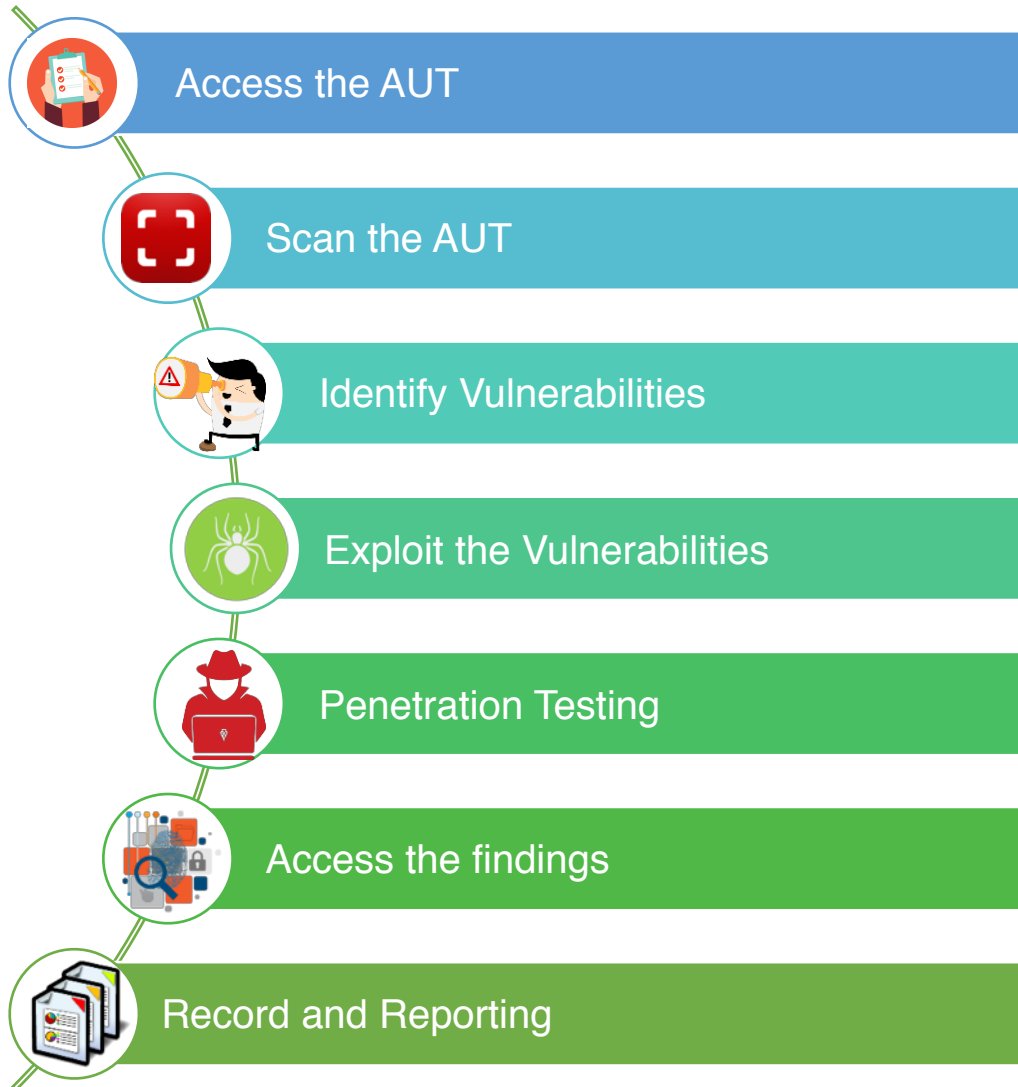
Engineer performance optimization in the application/ product lifecycle

## Tools



# Security Testing

Approach



## Key Objective

- Assess the vulnerabilities of the application
- Evaluate all vulnerabilities against top 10 OWASP parameters
- Check for any information disclosure including passwords and personal details.
- Check for authenticity of the application and protection against hijack
- Check for ACL for access privilege.
- Check for potential hacking of the system and environment.

### Tools

Zed Attack Proxy

Burp Suite

Kali Linux

Metasploit

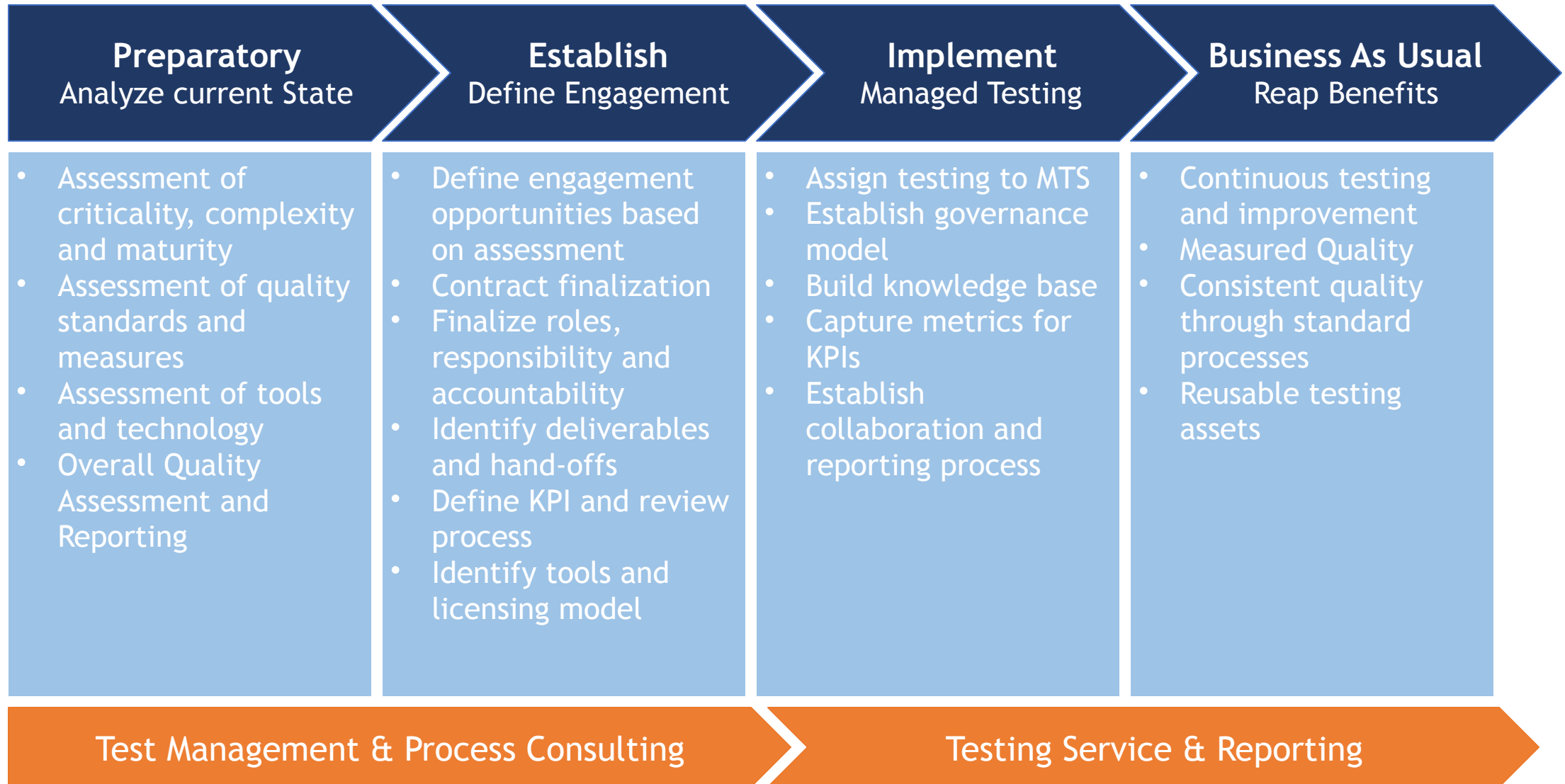
Wireshark

sonarqube

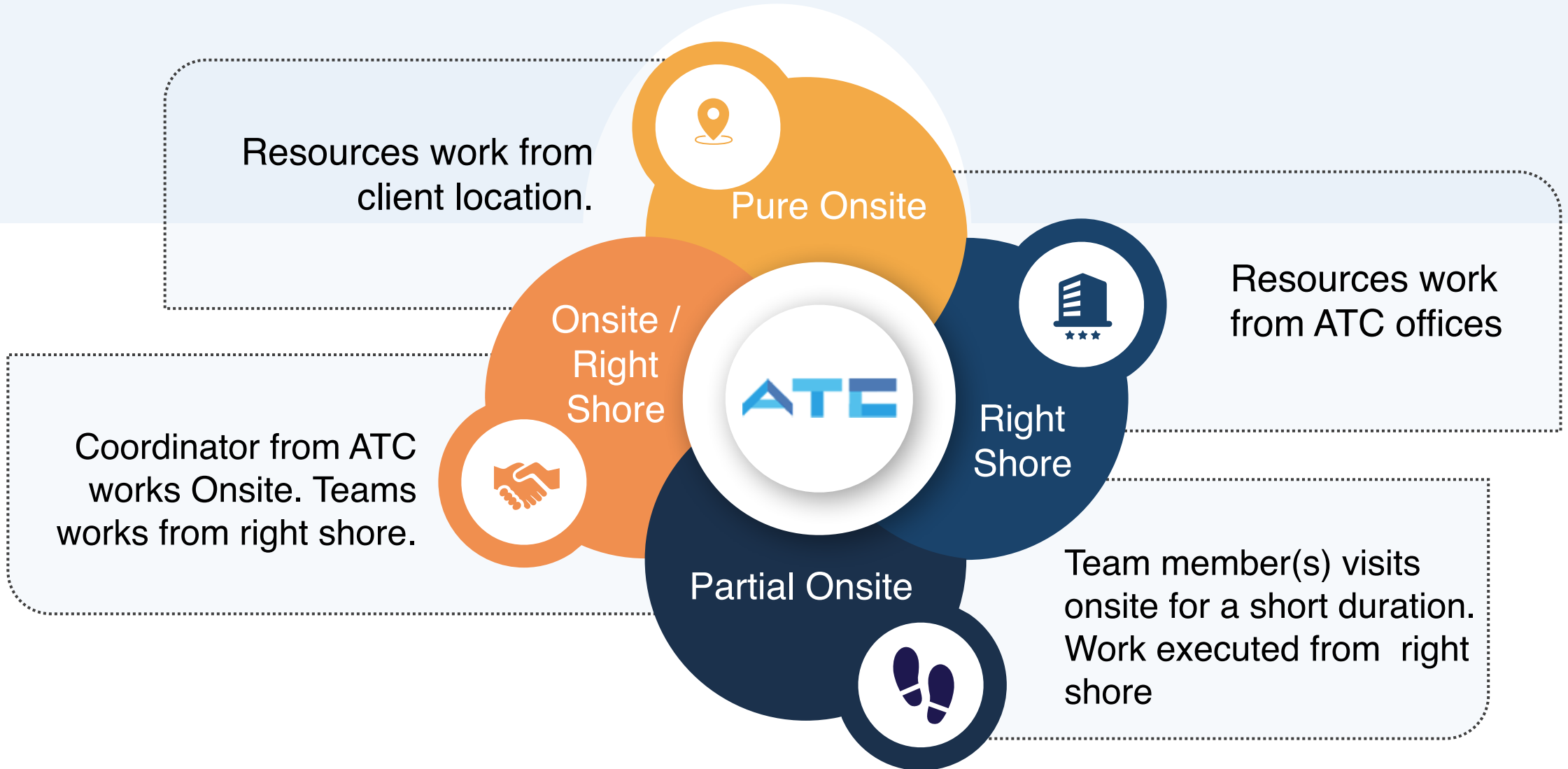
AppScan  
IBM Security

FORTIFY

# Managed Testing Implementation



# Right-shore Delivery Models





# About Us

Incorporated in 2008  
with home office in Des  
Moines, IA



Enterprise and small  
business consultation  
expertise



Remote office in  
Chennai, India to provide  
offshore cost option



Application Testing –  
Performance, Automation,  
Security, System



Implementation  
Consulting - DevOps  
and SAFe



**258**  
Consultants



**124**  
Clients



**270**  
Projects





# Get in touch with us:

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