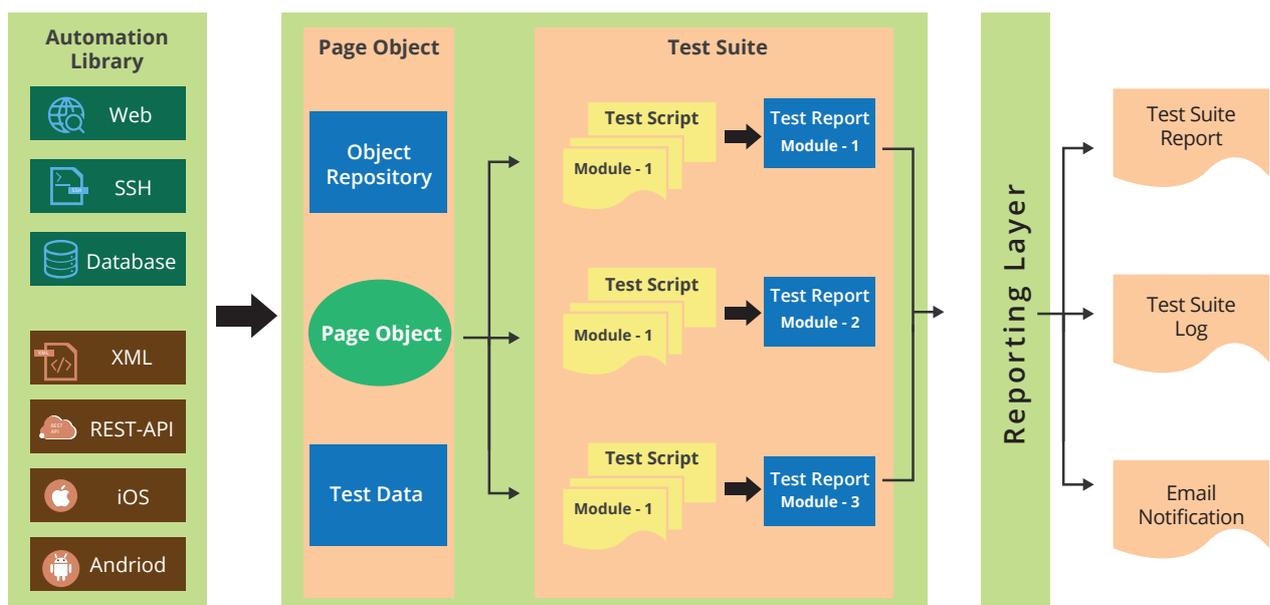# Xoiant Test Automation Framework (XTAF)

Xoriant has provided product testing and Quality Assurance services to several product engineering teams helping clients launch superior products ahead of their competition well within their budgets. Xoriant brings extensive experience in testing including web services, desktop and client-server applications, and operating systems components, with over 20 years of experience.

Xoriant's Test Center of Excellence has developed Xoriant Test Automation Framework (XTAF) to ease test automation and tune it as per customers' requirements across verticals including Finance, Telecom and Healthcare.

Automation Library
- Web
- SSH
- Database
- XML
- REST-API
- iOS
- Andriod

Page Object
- Object Repository
- Page Object
- Test Data

Test Suite
- Test Script Module - 1 → Test Report Module - 1
- Test Script Module - 1 → Test Report Module - 2
- Test Script Module - 1 → Test Report Module - 3

Reporting Layer
- Test Suite Report
- Test Suite Log
- Email Notification

Xoiant Test Automation Framework (XTAF)

XTAF is a combination of modular, keyword driven, data driven and page object model automation framework. XTAF is made of two key components Automation Library and Page Objects. Automation Library contains multiple libraries like WebLib, Database (Oracle, SQL, etc.), XML, SSH, REST-API, multi-platform mobile libraries (iOS and Android).

XTAF Key Features

▶ Built using industry standard architecture and technology

▶ Platform and application independent

▶ Aggregation of frontend, backend, and database test cases in a single script

▶ Flexibility to replicate from technologies like Ruby, Python including Open Source

▶ Compatible with multiple browsers

▶ Generates master/detailed reports

XTAF Key Benefits

▶ Reduced QA cycle time by about 50% for both web and enterprise applications

▶ Increased test speed and software quality

▶ Improved ROI as Open Source tools are employed

▶ Minimal to no maintenance

▶ Decreased costs and shorter Time to Market

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Xoriant is a Silicon Valley based product engineering, software development and technology services firm with offices in the U.S., Europe and Asia. For both technology companies and enterprises, from startups to the Fortune 100, we leverage our expertise in emerging technologies and our highperforming teams to deliver innovative solutions that accelerate time to market and keep our clients competitive.

Across all our technology focus areas – Product Engineering, DevOps, Cloud, Infrastructure & Security, Big Data & Analytics, Data Management & Governance, Digital and IoT – every solution we develop benefits from our product engineering pedigree. For 25 years and counting we have taken great pride in the long-lasting, deep relationships we have with our clients. Learn more at **www.xoriant.com.**