iSAFE is a customizable and portable **AI-Driven Test Automation framework** for mobile & web applications, which can be seamlessly plugged into any automation tool.

### Why iSAFE?
- Extensive test coverage using automation
- Increases test speed, test efficiency and quality of the software
- Instantaneous return on investment
- Supports automation on varied web services

### Key Testing Challenges
- Quicker and reliable test automation framework
- Maximum test coverage within rigid timeframe
- Chaotic test process will increase testing costs
- Coverage of all the browsers and operating systems

### Benefits
- Reusability of the test scripts, leading to reduction in cost and time to market
- Less effort and cost to maintain the test scripts and test data
- Comprehensive test result report with varied analytics
- Robust, scalable and easy to use
- Tool agnostic
- Vast coverage

### Compatibility Matrix

<table>
<thead>
<tr>
<th>OS Platforms</th>
<th>Test Tools</th>
<th>Interfaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows</td>
<td>Katalon Studio</td>
<td>Web</td>
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<tr>
<td>Apple</td>
<td>Squish</td>
<td>Win32</td>
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<tr>
<td>Android</td>
<td>NightwatchJS</td>
<td>DB</td>
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<td></td>
<td>Selenium Grid</td>
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<td></td>
<td>4J-4Net Workbench</td>
<td>Flash</td>
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<td>TestComplete</td>
<td>API</td>
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<td>Ranorex</td>
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<td>Telerik</td>
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<td>Appium</td>
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</tbody>
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### iSAFE Key Features

In the iSAFE 4.0, AI-based tools & algorithms have been used to launch an ‘Auto Automation’ and ‘Auto Fix’ feature to enable automatic script generation and generating test cases for new features.

### V 4.0 Current

- Capability to trigger execution from Mobile device (Android and iOS)
- Capability to integrate with CD CI server
- Enhanced, drill down Reporting feature with improved UI
- Email / SMS Alerts
- Compatibility Testing - OS/Browser
- Parallel Execution of Compatibility Tests

### Business Impact
- Maintenance cost of test scripts & test data brought down by 50% - Time saved: 65%
- Portable framework customizable to client’s requirement
- Enriched report with varied analytics

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