



Get the Most Out of Eggplant DAI

Eggplant Digital Automation Intelligence is an accessible, user-friendly platform that provides non-invasive, AI driven automation, that promotes collaboration between Project Management, Development, Quality Assurance Analysts, and Automation Engineers.

Eggplant is Recognized by Forrester and Gartner as a Leader in Automated Testing

Eggplant DAI is a non-invasive automation platform that can automate anything and is supercharged by Augmented Intelligence. Eggplant DAI is powerful enough for expert Automation Engineers yet easy enough for the everyday tester to start automating right away and be productive within hours.

Eggplant DAI is unique because it:

1. Is Non-Invasive: Eggplant DAI requires no agent to be installed on the system under test. Eggplant DAI uses RNC and VDP connections to any system under test to interact. No agent or special software to install.
2. Can have Multiple Interfaces to any Application: Users can interface with the Application Under Test via Image Recognition and OCR Capture, Object interaction and manipulation, API's, Server Tags, Database Calls, and even code-level test harnesses.

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Test Automation Software

Test faster, and smarter with intelligent, AI-driven automation to optimize performance in line with user expectations, keep pace with DevOps, and drive positive business outcomes through your technology investments.

3. Supports any Package Software: Modern Applications are generally made up of multiple packaged software like Pega, Salesforce, ServiceNow, Oracle, and SAP. Eggplant DAI can interact with any packaged software without special code, accelerators, or modules.
4. Is built for Cross-Platform: Automated Test Cases built in Eggplant DAI can be executed against any platform, on any device, against any OS, anywhere. There is no longer a need to build a separate test case or initiation handler. Eggplant DAI has the ability to execute against multiple technologies even within the same test case.
5. Uses Augmented Intelligence: Eggplant DAI's Augmented Intelligence capability allows for automated tests to be generated and executed in milliseconds allowing the Tester to focus on the complex test cases or specific edge cases that matter the most.
6. Promotes Collaboration: DevOps efforts fail because of a lack of communication between teams. Eggplant DAI, through its Digital Twin, Fusion, and Analytics promote collaboration between team members to maximize efficiency and quality.

Eggplant DAI features End to End Automated Testing Capabilities out of the Box

The Eggplant DAI Platform is driven by its Artificial Intelligence Engine. It provides the following features:

Digital Twin: The Digital Twin is the primary user and collaborative interface of Eggplant DAI. The Digital Twin is a model that shows the flow of data and processes through States and Actions. The Digital Twin can be anything from a Business Process, to UI workflow, to a hardware schematic.

Fusion Engine: The Fusion Engine is what takes the actions illustrated in the Digital Twin and executes them on the application or system under test. The Fusion Engine can, through its built-in SenseTalk language, manipulate Images or OCR Capture to interact with UI elements noninvasively. It can run any script built in any language but using container technology such as Docker. It can run any Test Case built in tools such as Selenium or Appium. It can directly execute headless tests through Rest API interaction. It can run SQL calls to any ODBC or Database Service.

One-Click Performance: Performance Tests can be run through the Digital Twin on injection agents around the world through Eggplant DAI's One-Click Performance Testing. One-Click Performance runs on a time-based basis where injector time is reserved. If you've already created the Digital Twin, you can automatically run Performance Tests.

Performance: If a deeper amount of Performance Testing is required, Eggplant DAI has a full Performance Testing capability that can run on any protocol and technology, even Citrix.

Manager: Manager allows for coordination and scheduling of test executions against any application or system under test. The Executions can be scheduled, coordinated, and monitored through Manager.

Automation Cloud: The Eggplant DAI Automation Cloud is a part of your testing infrastructure that can house VM images as well as any real device. It can be on-premise, Private Cloud, or hosted on clouds such as AWS. Any test can be executed against any platform in the Eggplant DAI Automation Cloud.

Release Analytics and Insights: Eggplant DAI draws upon multiple sources to not only provide traditional QA metrics such as Defects per release, leakage, etc, it also provide predictive quality analytics that will tell you how the application will perform once its released into production.

Eggplant DAI is a critical component in any DevOps and CI/CD environment

Successful DevOps and Ci/CD organizations rely on two things: constant communication and interaction between tools. Eggplant DAI has a list of integrations that can be downloaded for free from the Eggplant.io website. It can also interact with home-grown or proprietary tools if there is a Rest API interface.

CI/CD Automation tools like Jenkins can drive Eggplant DAI tests through Manager as soon as code is promoted from one environment to another. Eggplant DAI can interface with multiple bug-tracking tools, other Automation Tools, and its Analytics features can be exported to tools such as Tableau.

Use Cases. Include:

- NASA
- Army
- Cerner
- Middleware Migration

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