

Eval+ Flow

Automated Level 2 kernel testing.

Overview.

Full automation of kernel testing during development can be achieved using **Eval+ Flow** by automating both the test management control via its user interface and the execution of test scripts within each payment scheme's terminal test suite.

Kernel regression testing to deliver pre-certification readiness.

Eval+ Flow provides a QA and regression kernel testing solution using updated versions of payment scheme terminal test suites. Although not intended for terminal certification testing, it plays a critical role in identification and resolution of issues. Combined with **Eval+**, it provides you with confidence that right-first-time terminal compliance can be achieved for market release.

How it works.

Eval+ Flow combines updated versions of **Eval+** payment scheme terminal test suites, using our new **Eval+ Flow** Signaling Automation (EFSA) interface along with the **MyTest Integration (MTI)** module support for CI/CD testing.

Fime can help you at any stage of your project lifecycle.

Define

Design

Deliver

Test

Right-first-time testing for terminal vendors.

Key benefits

- Fully automated kernel regression testing.
- Support for signaling automation, third party CI/CD tools and PCD-Bypass eliminates the need for human interaction with the terminal, test tool and probe.
- Reduce test set-up and execution time.
- Run all your testing while you take care of other tasks or activities.

Key features

- Accessible anytime, anywhere with an internet connection.
- Synchronized and controlled interaction between the MTI and Eval+Flow interfaces specific to the test flows defined in each test plan.
- Control Eval+ Flow and Fime Connector user interfaces via CI/CD implementation.
- Support for PCD-Bypass to automate APDU exchanges.
- Uses automated versions of the payment scheme terminal test suites.
- Automated ICS set-up and import.
- Clear test point failure indication.
- Automated report generation.
- Upgradable and scalable test suites.



How to start.

Customers need to perform three key steps to use the test tool, **Eval+ Flow**:

- Implement support for PCD-Bypass in your kernel, and if you do not want to implement PCD-Bypass, you can still use Probe+ without human interaction, however, use of Probe+ does not deliver the fully automated experience.
- Integrate Fime’s **Eval+ Flow** Signaling Automation (EFSA) interface in your kernel using our API.
- Use any of the industry standard CI/CD tools to set up which test suites and which specific tests to run.

Test Suites.

Eval+ Flow runs specially updated versions of Eval+’s test suites that use our new **Eval+ Flow** Signaling Automation (EFSA) Interface to handle the Kernel data and behavior, that follow the exact same test structure as the payment scheme qualified versions.

Contact terminal testing	
EMVCo	EMV® Contact
Contactless terminal testing	
American Express	Expresspay / C4
Discover Global Network	D-PAS & Zip Payment / C6
eftpos	eftpos / Transit
EMVCo	EMV® Contactless – Book B Entry Point
JCB	J / Speedy / C5
PURE	PURE Contactless Reader (Thales)
UnionPay	UnionPay QuickPass Overseas

*coming soon

*EMV® is a registered trademark in the U.S. and other countries and an unregistered trademark elsewhere. The EMV trademark is owned by EMVCo, LLC.

What’s in the box?

Combine our two innovative testing solutions; **Eval+ Flow** test suites that you wish to automatically test and **MyTest Integration (MTI)** to deliver Right-first-time testing and certification for terminal vendors.

No Probe+ hardware is required but can still be used if PCD-Bypass is not supported.

How can we help?

Explore our services.

Powered by Fime Test Factory.
Eval+ Flow is compatible with the value added module:

- **MyTest Integration.** Automate Fime’s product testing solutions with secure API integration and full CI/CD support.

More services.

- **Quick onboarding.**
Personalized user onboarding training.
- **Remote expertise.**
Book a slot and share your session with a lab expert.
- **Easy ticketing.**
Quickly raise a ticket to our team of experts.
- **Remote debug.**
Access remotely to debug environment and share with our team of experts.

Making innovation possible.
Making the world work.

Consulting | Test Platforms | Testing Services

Contact

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