



# ASTREX

Revolutionize your payment testing with our payment switch simulator.

## Overview.

**ASTREX** provides the industry with a powerful Payment Switch Simulator to test payment processing, validate compliance, assess risk, optimize operations, and simulate different transaction volumes and failure scenarios.

Make a single Payment Switch simulator available to every participant in your product development life cycle.

For Domestic schemes **ASTREX** platform supports performance, regression, functionality testing based on your proprietary protocol.

## How it works.

Optimize your enterprise with a unified test platform mirroring your switch providing a familiar workspace for development, implementation, and testing teams, and offering a Sandbox environment for vendors and integrators.

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



Powerful payment switch simulator.

## Key benefits

- Simulate any payment flow—ATM, POS, eCommerce, and beyond!
- Build competitive advantage and reduce time-to-market.
- Facilitate onboarding of new participants.
- Simulate your domestic payment protocol and all test scenarios, network delays, fraud, or system failures.
- Support innovation by enabling rapid prototyping.
- Reduce implementation time and costs.
- Gain an accessible enterprise-wide environment.

## Key features

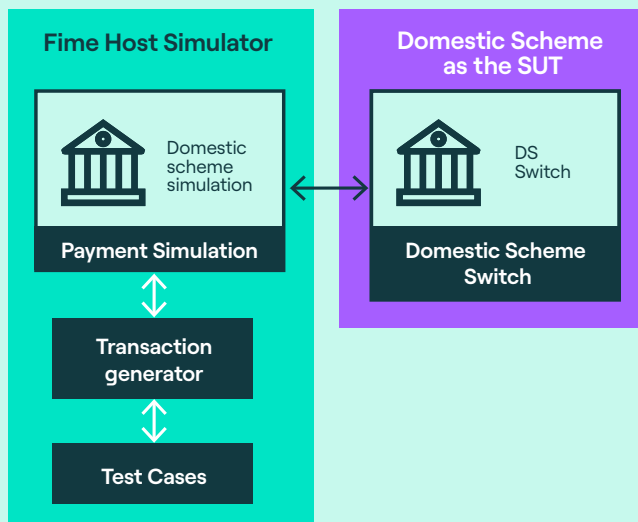
- Enterprise deployment – simulate a complete, real-time end-to-end payment environment.
- Domestic protocols supported – **ASTREX** already supports 120+ global and domestic scheme protocols, yours can be added.
- Protocol-independent design – easy-to-use transaction builder to create test cases without scripts or coding expertise.
- Full transaction audit – detailed transaction analysis and logging.

## Key challenges.

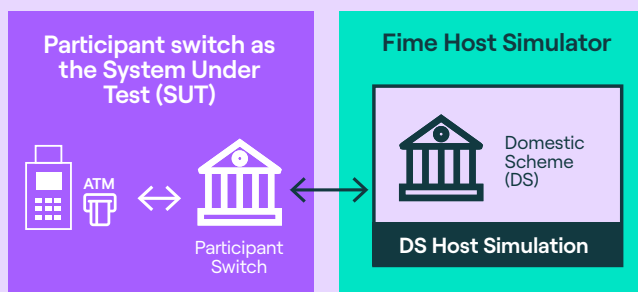
### What are the challenges for a Domestic Scheme?

- Limited availability to scheme test environments – Internal (own testing platform) & participant testing.
- Lack of extensive edge case and negative testing.
- Complex proprietary message formats and validation rules.
- High cost of managing internal and pre-certification testing environment.
- Performance & Stress testing Domestic scheme switch.

### 1 Test the Domestic Scheme's switch



### 2 The participant tests the interface to the domestic scheme switch



## What's in the box?

### Enterprise deployment

- A single platform available across your enterprise that simulates all transaction types.
- Deployable as an on-premise or centrally hosted platform.
- Familiar workspace and common interface for development, implementation and testing teams.
- Access for vendors and integrators.
- Proprietary protocol implementation at your request.

## Technical specifications

### High-performance architecture

- Simultaneous processing of multiple transactions over multiple connections at production speeds (Performance and Stress testing up to 300 TPS).
- Concurrent multi-connection processing capability.

### Protocol-independent design

- 120+ global and domestic scheme protocols supported and ready to be used.
- Create test cases without scripts or coding expertise using standard transaction components.
- No need to know anything about message formats, data element definitions or encoding when building test cases.
- Supports ISO 8583, XML, JSON and field-separated protocols in one setup.

Making innovation possible.

Making the world work.

Consulting | Test Platforms | Testing Services

## Contact

To learn more about how Fime can help your business:

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