



Powerful real-time payments simulator.

## ASTREX

Simulate any transaction type and component in the payments chain.

### Overview.

**ASTREX** provides the industry with a powerful testing platform. It can simulate numerous transaction types and components in the payments chain and provides the functions needed to validate the complete end-to-end production environment.

Make a single test environment available to every participant in your product development life cycle.

Whether you are an issuer, acquirer, merchant, terminal vendor or third-party payment service provider, a next-generation test and validation environment can help you get ahead of the competition.

### How it works.

Optimize your enterprise with a unified platform mirroring the merchant-acquirer-network-issuer chain, providing a familiar workspace for development, implementation, and testing teams, and offering easy access for vendors and integrators.

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

Define

Design

Deliver

Test

### Key benefits

- Replicate your production payments environment.
- Build competitive advantage and reduce customer churn.
- Dramatically reduce implementation costs.
- Get new products to your customer faster.
- Make every system change simpler.
- Gain an accessible enterprise-wide environment.

### Key features

- Enterprise deployment – simulate a complete, real-time end-to-end payment environment.
- High-performance architecture – simultaneous processing of multiple transactions over multiple connections at production speeds.
- Protocol-independent design – easy-to-use transaction builder to create test cases without scripts or coding expertise.
- Standards and compliance – full card scheme road map support.
- Full transaction audit – detailed transaction analysis and logging.

## Standards and compliance.

- More than 100 international and domestic message protocols.
- Approved host simulator for terminal brand validation
- Certified host simulator for Diners, Discover, Pulse, Visa; qualified host simulator for AMEX.
- Support for EMV Level 3 processing, including M/Chip, VSDC, AEIPS, DPAS, CCD, UnionPay, JCB and Interac.
- Host simulator for self-certification with Mastercard.
- Test host simulator for DNA, Interac and UPI.
- Full card scheme road map support.



## What's in the box?

### Enterprise deployment

- A single platform available across your enterprise that replicates the entire merchant-acquirer-network-issuer chain.
- Familiar workspace and common interface for development, implementation and testing teams.
- Access for vendors and integrators.
- Deployable as an acquiring switch.

## Technical specifications

### High-performance architecture

- One of the fastest payment simulation engines on the market.
- Simultaneous processing of multiple transactions over multiple connections at production speeds.
- Concurrent multi-protocol processing

### Protocol-independent design

- 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.
- Reuse the same test data to validate different payment protocols.
- Supports ISO 8583, XML, JSON and field-separated protocols in one setup.

## Contact

To learn more about how Fime can help your business:

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