

# ATM TestLab

Take control of your ATM channel, automate your testing and save time, support innovation and minimize downtime.



Using an ATM is one of the most frequent interactions that customers have with their bank. It is important that their experience is a good one so you and your customers enjoy an immaculate brand reputation.

ATM TestLab is a powerful and flexible solution for testing your ATM applications.

# ATM TestLab

## Virtualise your testing for a proven return on investment

### Product description

ATM TestLab allows you to rapidly test your ATM applications to mitigate the risk of unexpected changes or defects that would impact the availability of the ATM service.

The test solution enables you to create a 'cloud' of virtual ATMs so remote teams may contribute to ATM software testing and to multiply the number of ATMs available, preventing hard-to-find hardware from becoming a bottleneck.

Using test automation features, users can create and manage a central repository of test cases, resulting in better visibility of the ATM testing process across teams, regions and time-zones. The test repository becomes a valuable asset that changes testing from a cost-center into something that adds tangible value in the future.

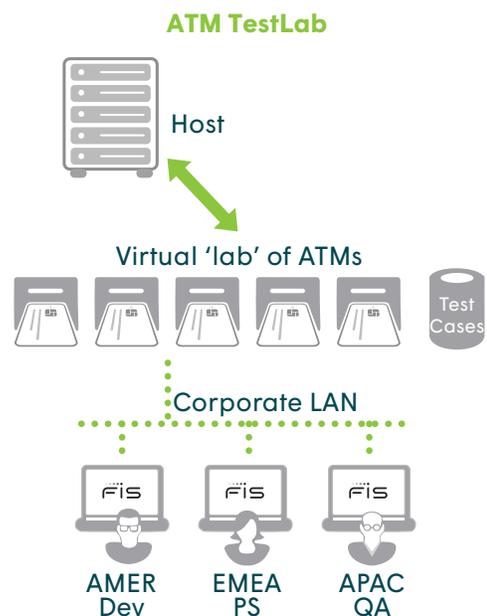
ATM TestLab is the preferred choice of leading banks and processors around the world, guaranteeing an untarnished brand reputation.

### Your benefits and product features

- **Automate your testing:** save time and reduce costs. Create powerful automated tests to complete test cycles faster while increasing consistency and repeatability. Analyze screens and consumer flows or drill into host message fields and XFS API behavior.
- **Cost-effective:** avoid scheduling issues related to limited physical ATM resources by creating as many virtual ATMs as needed. You can quickly define new virtual ATM hardware configurations to support testing of different ATM models.
- **Eliminate geographical boundaries:** ATM TestLab facilitates outsourced / offshore testing, allowing for ATM testing "in the cloud" as well as on your desktop.
- **ATM virtualization:** ATM TestLab simulates a vast range of ATM hardware from all major vendors. Accurately modelling different vendor behavior of XFS-compatible devices, it allows you to reduce reliance on real, physical ATMs. It supports modern deposit automation devices such as recyclers, and single-throat 'mixed media' deposit devices.
- **Robust:** field-proven technology and proven track record with experience built on over 10 years of deployments around the world. Our test solutions have been adopted by tier 1 organizations spread over six continents.
- **A complete test solution:** ATM TestLab runs the full ATM software stack, enabling you to test the complete environment including the ATM software — but also Microsoft Windows, monitoring, security and update

software. By running the same software as real ATMs, you can be confident that your test environment is an accurate representation of your production system.

- **Limitless testing options:** quickly define negative test scenarios, such as device failures or cassette statuses, to achieve a breadth of test coverage not possible with a real ATM or without damaging the hardware. Adjust timing of responses and test how the application handles timeouts and timing sensitive scenarios.
- **End-to-End testing:** from payment card through the ATM to the host systems and on to the issuer. Fully integrates into the network just like a real ATM, including message inspection and full cryptography.
- **Easy to use:** It looks and behaves just like a real ATM with a simulated cardholder display and realistic, interactive operator/supervisor display.
- **Reporting:** ATM TestLab enables activity on a virtual ATM and provides evidence of testing logging of all devices and aids investigation of any issues. Exported reports can be shared with a broad range of stakeholders in the business such as marketing or operations.
- **EMV Support:** EMV testing via the built-in smart card simulator, supports real smart cards via an attached card reader. Alternatively, it can be integrated with other test tools for specific certification testing.
- **Track results:** ATM TestLab keeps a record of all output media it has displayed (e.g. receipts, statements, journals, dispensed media etc.), making it easy to review previous results and compare transactions.

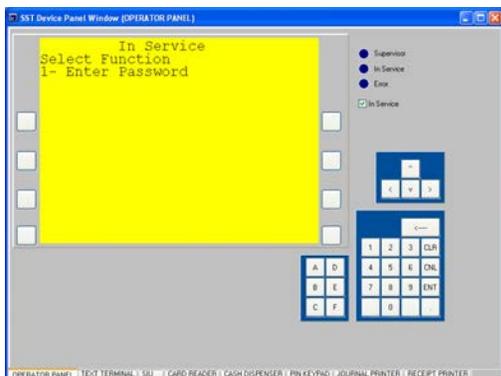


## ATM TestLab continued

### Virtualizing the ATM

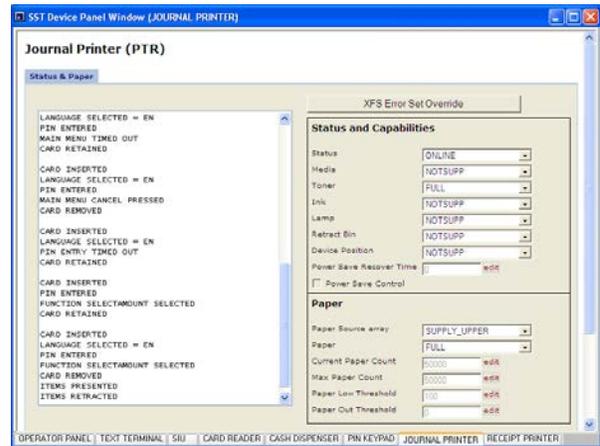
ATM TestLab's virtual interface looks and behaves just like the real thing, including the cardholder experience and operator functionality.

Supported devices include, amongst others: card reader (dip, motorized, smart cards, contactless), sensors/indicators, operator panel/text terminal, cash and coin dispensers, keypads, encrypting PIN pad, printers (journal, receipt, statement), envelope deposit, bulk note deposit, combined single-throat check/cash deposit, check deposit, cash/coin recycler, barcode reader.



### Printer

ATM TestLab accurately renders printed media for a range of printer types, supporting form-based, raw or GDI printing.



### Technical Specifications

ATM TestLab supports a wide range of ATM and kiosk software, including smart client and browser-based applications, as well as traditional fat-client software. Any multi-vendor software application built on the CEN/XFS standard is supported

ATM TestLab simulates all ATM hardware peripherals and their interface to the ATM application via the CEN/XFS interface layer. It supports the latest ATM devices such as Cash Recyclers, Intelligent Deposit modules and Mixed Media deposit devices. ATM TestLab supports non-XFS ATM features including touch-screen, text-to-speech, GDI printing and multiple monitors.

ATM TestLab can be connected to a host system just like a real ATM and is well suited to testing mandated ATM features such as 3DES, EMV and Voice Guidance.

ATM TestLab is kept up to date through our partnerships with major industry players. FIS is an associate member of the CEN XFS committee, and works closely with ATM vendors and customers to ensure that our simulations are as accurate as possible.

### Related Products

ATM Developer  
ATM TestBench

Open Test Solutions (formerly Clear2Pay) is an expert provider of test solutions and test services for all electronic payment transactions.

We help our customers save time and efficiently launch payment innovations that meet the highest quality standards. From a leadership position, we aim to build a true partner relationship to build engagement and generate insights that we use to develop the solution that fits your business perfectly.

FIS is the world's largest global provider dedicated to banking and payments technologies. FIS serves more than 20,000 institutions in over 130 countries.

# Your Quality Confirmed.

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