

A close-up photograph of a hand inserting a stack of Euro banknotes into an ATM. The ATM's keypad and a 'CASH' label are visible. The image has a dark, teal-colored overlay.

serquo

ATM Simulator for easy remote testing

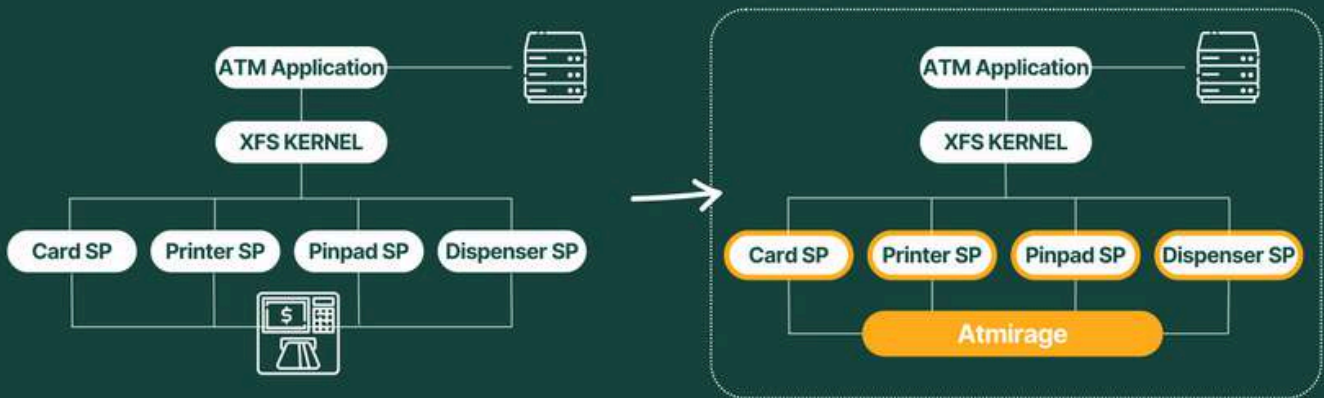
Transform your self-service application
testing process with our ATM simulator
Atmirage



atmirage

ATM remote testing made simple and easy

Atmirage is an innovative solution designed to optimize the development and testing of ATM applications, eliminating the need for physical hardware. With its advanced technology, it enables financial institutions and software developers to validate their applications more efficiently, reducing time and associated costs.



Our last Success Story:

"With Atmirage, we can do almost a lot of our flows without requiring physical materials through it. [...] This allows our product to reach higher levels in terms of testing and quality, and this indirectly gives a better experience to our customers."

Ismail Mavi

Software Engineer & Lead Expert at Garanti BBVA



Key features

Discover how Atmirage empowers your ATM software development and testing with these advanced features, designed to enhance efficiency, accuracy, and adaptability across all testing scenarios:



100% simulation of a physical ATM

Conduct thorough tests on applications, replicating all the devices and physical medias on your ATM.



Supports all kinds of devices on the market



EMV level 2 compatibility

Provides comprehensive simulations for validating transactions with chip cards, both contact and contactless, meeting the highest security standards.



Visual ATM model designer

Configure ATM models according to your needs using an intuitive visual designer.



Host simulation available

Simulate the Host (or Switch) when it is not possible (or becomes complicated) to connect to the real testing host. This allows you to validate the messages sent by the application to the host and recreate different testing scenarios with various host responses to different transactions (such as expired card, low balance, or exceeded amount, for example). This enables the planning of a much more comprehensive test base.



Valid for CEN/XFS or proprietary software based applications



Test automation available

Design and execute automated tests that include checkpoints, ensuring accurate and consistent results.



AI-based audio validation for multilingual voice guidance testing

Atmirage virtual ATM also plays voice messages in applications designed for blind users and validates these messages in automated tests across multiple languages, ensuring software quality for visually challenged individuals as well



Simulate hardware errors easily

Test error scenarios like jams, empty cassettes or mechanical problems with Atmirage to ensure the proper function of your ATM software.



On premise or in your Cloud



Detailed reporting

Extensive report generation for detailed tests result reviews and insights

Principal use cases

Discover the main challenges that our ATM simulator could solve for you and how Atmirage can be used for different purposes:



New application development

Developers can test applications in a safe and controlled environment, ensuring optimal performance before deployment.



Regression testing

Run automated tests to ensure updates or changes do not negatively impact the existing system.



Multilanguage testing

Validate flows automatically in different languages (both through the display and the voice guide) without the need for the tester to know these languages



Staff training

Train your team in real-world scenarios without operational risks, increasing efficiency and employee readiness.

Benefits for your business

Atmirage is not just a simulator; it's a strategic tool to enhance your QA processes, ensure accessibility, and optimize the user experience. It's a smart investment for any institution looking to modernize its operations and stay competitive in the financial sector.

Cost reduction

By eliminating the need for physical hardware and by reducing time spent on ATM software development and testing.

Operational efficiency

Automate testing and streamline development processes, shortening your time-to-market.

Guaranteed quality

Detect and fix errors before deploying your application, enhancing its performance and reliability, with the ability to simulate and test hardware failure scenarios in a highly versatile and controlled environment.

Scalability

Simulate multiple scenarios and environments without physical limitations, ideal for large-scale projects.

Easy remote access for all users

Allow easy remote access to your entire team of testers and developers from their laptops.

Frequently asked questions

What ATM models does Atmirage simulate?

With Atmirage, you can simulate any XFS ATM model. We can even adapt to the integration of a device that does not comply with the standard. Atmirage is highly configurable and allows virtual ATMs to be tailored to multiple configurations.

Can I set up a model that is the same as another physically existing model?

Exactly, the objective is to simulate the same properties and the same models as those that an entity has in the physical ATM network and thus test the application with all the existing possibilities.

How is Atmirage licensed?

Atmirage licenses are per concurrent user without any limit on the number of virtual ATMs installed, different ATM configurations, number of automated test cases, etc.

During the development phase, can this tool be used for unit testing?

During the development of an ATM application it is very costly and cumbersome to perform the tests in physical ATMs. With Atmirage you can perform both manual and automated tests while you develop your application.

How can I simulate error states?

All devices in an Atmirage ATM can define behavioral states to generate errors and check how the application responds. If emptying a cash drawer of a real dispenser can take minutes, in Atmirage it will take you no more than 5 seconds.

Can I test with my own test cards?

Of course! You can test with a physical card at any time (by connecting a PC/SC reader) or import your test card data (both magstripe and chip) to perform the full operation with the simulated card. Atmirage allows you to maintain a repository of cards, each with its specific data and keys.

Do you have more questions? Write to us at info@serquo.com



Why choose Atmirage?

With Atmirage, you're not just testing your applications; you're ensuring every customer interaction is secure, efficient, and error-free. Discover how we can help you revolutionize your ATM testing process.

97%
of our users

believe that using the tool has significantly improved their ATM software testing processes.

They already choose us



Are you joining us today?

[Click here and let's talk now!](#)

Or email us to info@serquo.com