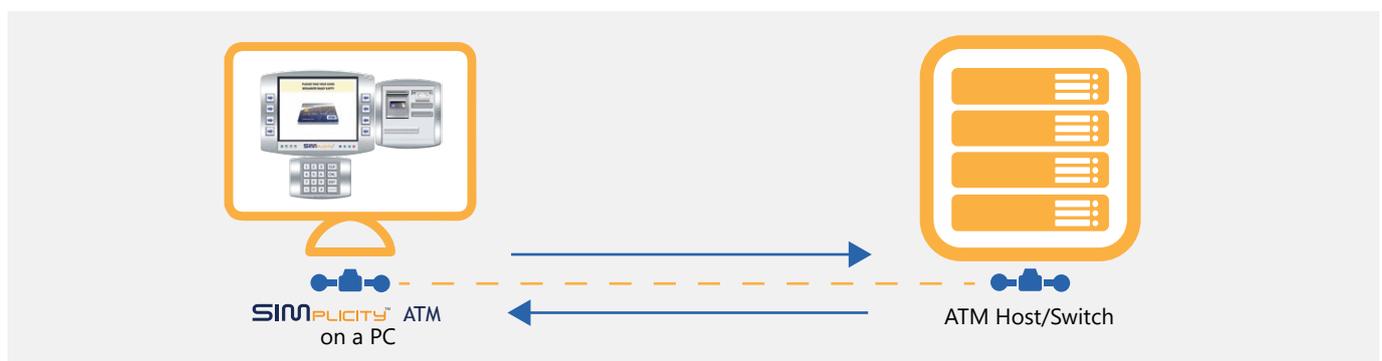




## SIMPLICITY™ ATM

SIMPLICITY™ ATM is a revolutionary Automated Teller Machine (ATM) and Cash Deposit Machine (CDM) simulator and stress testing product uniquely designed and developed by Abbrevia to meet various gaps in the market for testing of a bank's or a Third Party Processor's (TPP) host system.



SIMPLICITY™ ATM behaves just like a real ATM and does not require any technical knowledge or expertise for performing tests. The card is inserted; the pin is entered; once the transaction is approved, virtual cash is removed, the receipt is taken, and the test results are automatically recorded for review and analysis.

### Benefits of Test Automation with SIMPLICITY™ ATM

Deployment of SIMPLICITY™ ATM increases overall host system efficiency and ensures robust quality. Owing to the quick implementation of SIMPLICITY™ ATM and its ease of use along with its flexible features, significant time is saved during testing phases of even the most intricate and complex systems.

In contrast to manual testing, automation of the testing processes is an effective way to improve the efficiency and coverage of testing. No doubt that the test engineers try to catch errors before releasing the product. However, the bitter truth is that as good as the test engineers are, they can't catch every bug! So to deploy a quick fix to production the regression testing comes into play. Regression testing is time-consuming yet necessary. Hence a vicious cycle begins. So how to cope with such scenarios? The answer is SIMPLICITY™ ATM. Deploy, Automate, Benefit.

Some of the most important benefits of SIMPLICITY™ ATM are:

- Testing is more comprehensive
- It is always accurate
- Automatically repeatable (record and replay of test cases)
- Unattended test execution
- Removes the need for physical ATMs and test cards
- Suitable for Unit Testing, Regression Testing, SIT and UAT
- Caters for volume and stress testing at desired TPS
- Provides detailed technical and management reports
- Automatic test result comparison for regression testing
- Covers all ATM protocols
- Allows for simulation of exception conditions such as hardware failure
- Facilitates maintenance of one cohesive test environment for multiple channels
- Reduces time/effort and therefore costs

## SIMplicity™ ATM Features

SIMplicity™ ATM offers an integrated set of modules that provides test and development support for NDC+, Diebold 912 and Wincor Procash protocol ATM networks.

SIMplicity™ ATM is a next-generation device-based ATM simulator that automates the testing of your ATM Host. It delivers immediate productivity gain by enabling the user to record and replay hundreds of test cases with ease. SIMplicity™ ATM removes the need for physical test cards and expensive ATM test labs.

Hundreds of virtual ATMs running on a single PC simulating various ATM protocols such as NCR NDC+, Diebold 912 and Wincor Procash are easily utilized to perform volume and stress testing at desired TPS. The number of ATMs and the TPS level can be increased or decreased during testing to identify network bottleneck and database problems.

Based on the latest technology, innovative features, unparalleled ease of use and intuitive design, SIMplicity™ ATM is a dream come true for banks of all sizes to automate their testing processes, reduce testing effort and their associated costs, deliver a high quality software and make the long and laborious regression testing a simple matter of just a few clicks.

A refined and simple to use “visual” SDK allows for the development and testing of your ATM configuration download file containing transaction flows, FIT table, States and Screens. SIMplicity™ ATM has been designed and developed by senior banking technologists enabling the solution to benefit from many years of real-life and relevant experience and expertise.

Supported by various management and technical reports, this state-of-the-art ATM simulator produces automatic comparison reports of actual and expected test results pinpointing any problems at the message, field and bit levels and therefore eliminates the need for referencing bulky and cumbersome manuals and specifications.

As opposed to its name, SIMplicity™ offers the ultimate sophistication in automating your testing processes.

## SIMplicity™ ATM Modules



## About Abbrevia

Abbrevia is an innovative provider of leading-edge payments test automation platform for banks and third-party processors with global customer base.

We realise that today's payments strategies focus on flexibility and technology to meet the challenges of the ever-changing business environment by cultivating an innovative, efficient, customer oriented and quality conscious culture.

Our pioneering test automation platform, SIMplicity™, enables our customers to automate their complete testing processes yielding immediate productivity gains, improved quality, reduced costs and faster time to market for new services.

*We help our customers to help themselves.*

## Our Products

- **SIMplicity™ ATM** - Simulates any ATM type for automated and unattended testing of any ATM Switch with record and replay facility
- **SIMplicity™ XFS** - CEN/XFS compliant product that simulates any ATM device for testing of ATM applications such as Apra, Agilis, Procash, Vista, TellMe, etc.
- **SIMplicity™ Network** - Simulates any POS device, any host and all ICS interfaces such as Visa, MasterCard, Amex, CUP, JCB, etc.
- **SIMstress** - for stress and volume testing at desired TPS for transaction peak time management, capacity planning and identification of problems and bottlenecks

## Our Services

We have proven experience in providing EMV project management, technical implementation, test and certification services covering all aspects of the EMV processing value chain including:

- ATM/POS terminal interfaces, acquiring / issuing host interfaces, national and regional network interfaces
- Project management and execution of ICS EMV project planning and processes for banks and national networks
- Technical support for configuration, testing, analysis and certification of ATM and POS acquiring
- Network interface certifications including Visa SMS, Visa Basel, MasterCard MDS, MasterCard CIS and MasterCard Network Interface Validation NIV

## Partners and Clients



Head Office Dubai, UAE:  
+971 4 442 8022

For more information please visit our website:  
[www.abbrevia.com](http://www.abbrevia.com) | Email : [info@abbrevia.com](mailto:info@abbrevia.com)