

UL Self Test Platform

Who is it for?

UL Self Test Platform (UL STP) provides the perfect web-based hosted simulator tool, delivering an intuitive and scalable solution for any acquirer, acquiring processor, payment service provider, or payment scheme seeking to automate the process of testing and certifying payment terminals.

Why do you need it?

UL STP serves as a fully integrated and automated web-based solution that facilitates process management, functional testing and brand certification for payment terminals. By providing your customers access to UL STP, you empower them to debug, test and certify their

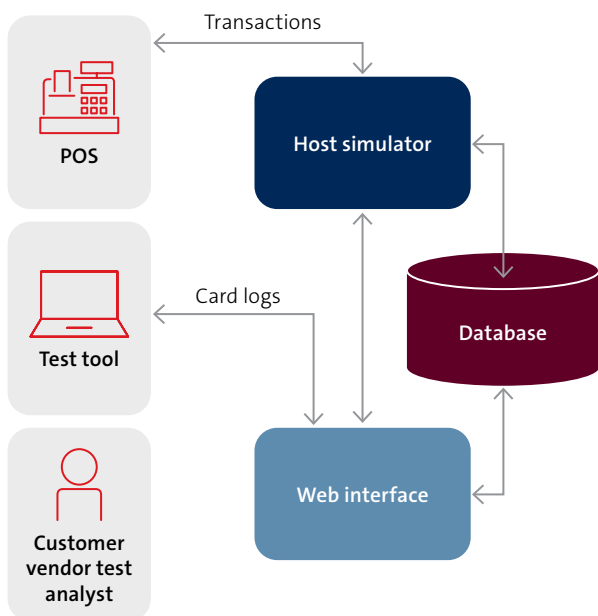
systems themselves while you maintain an overview and control over their testing and certification projects.

Utilizing the UL Brand Test Tool (BTT) for transaction generation and card logging, the UL STP provides a complete solution for testing POS terminals and ATMs.

What is inside?

UL STP comprises several building blocks:

- Project management framework
- Real-time network and host simulation
- Functional testing and brand validation
- Web portal



UL Self Test Platform

Key benefits

- Comprehensive overview of your certification process
- Your customers perform their own testing and debugging.
- Latest Global Network compliance framework
- Enables acquirer self-certification status
- Integrated with payment brand test processes (M-TIP, ADVT and others)
- Complete payment terminal test solution when combined with UL Brand Test Tool
- Compliant with TITF guidelines and regulations, including L3 format
- Extendable with custom test and certification processes
- Customizable for Payment Service Providers (PSP) to simulate an acquirer processor host
- Scalable to large user groups

Specifications

Project management framework

Project management

- Centralized project repository
- Visual process workflow
- Role-based user access model

Test case and test plan management

- Test plan centralized storage
- Dynamic generation of applicable test cases per customer project
- Automated validation of pass criteria
- Sandbox mode for regression testing
- Test plan and test case editors

Management reporting

- KPI dashboard
- Customizable project reports and overviews

Real-time network and host simulation

- Automated network response messaging
- Automated message exchange, validation and storage per test executed
- Authorization simulator supports tokenization and cloud-based payments
- All major payment network interfaces supported
- Customizable to support other protocols
- Clearing and settlement support

Web portal

Detailed transaction viewer

- Analysis and validation of transaction messages up to low-level details
- Transaction message interpretation and explanation

Knowledge portal and help center

- Easy access to documentation and payment brand specifications
- Context-specific help engine

Customizable platform and GUI

- Flexible user account management
- System health dashboard and notifications
- Look and feel according to your branding guidelines
- Implement your process workflow
- Integrate your own test specifications and plans

Functional testing and brand validation

Test automation engine

- Fully automated pass criteria
- Real-time error messaging and explanation
- Customizable and extendable

Latest payment brand test plans

- Mastercard M-TIP and contactless PayPass M-TIP
- Visa contact ADVT, contactless ADVT qVSDC, CDET and US Common Debit AID
- American Express ICC Payment specification (AEIPS) for contact and Expresspay for contactless
- UnionPay IC Card Test Guide for Acquirers
- JCB Terminal Check for Implementation (TCI)
- Diners Club International Acquirer E2E
- Discover Network Acquirer E2E
- Debit networks

Consolidated ICS form for all payment brands

- One form to define the terminal under test for all applicable payment brands
- Integration with brand platforms/APIs

Formal validation support

- Automatic validation of pass criteria
- Unattended online certification test execution
- Repository of test results and validation history
- Integrated with project management certification cycle

Pre-validation and testing support

- Customers can use platform as a sandbox before submitting to formal validation
- Customers can create and update customized test plans for special sandbox projects
- Test case descriptions and guidance in a standard web browser
- Test cases and errors explained in clear language
- Speeds up development and assists in customer internal test phase

Integration with other systems

- Customers can upload card/terminal logs and host logs for validation
- Seamlessly integrated with UL Brand Test Tool's workflow

Deployment and management

We offer a managed hosting solution in our PCI-compliant data center and provides various deployment options to fulfill your performance requirements (high availability through load-balancing and redundancy).

For more information, visit [UL.com/STP](https://www.ul.com/STP) or contact one of our resellers.



Safety. Science. Transformation.™