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## UL SELF TEST PLATFORM

### Who is it for?

UL Self Test Platform (UL STP) is the perfect online tool for any Acquirer, Acquiring Processor, or Payment Scheme that wants to make the process of testing and certification of payment terminals automated, user-friendly, scalable, and web-based for all their customers.

### Why do you need it?

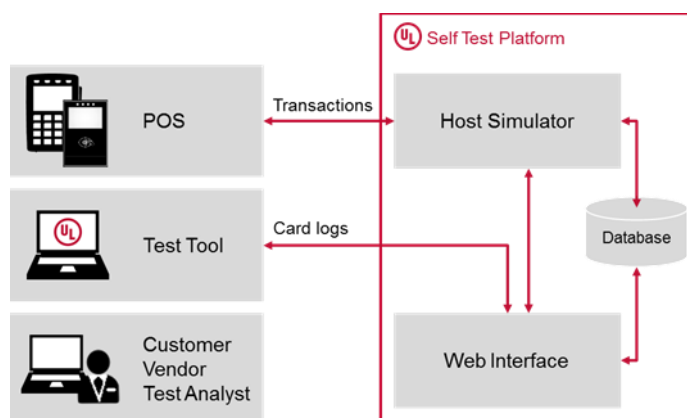
UL STP is a fully integrated and automated web-based solution to facilitate process management, functional testing and brand certification of payment terminals. By providing your customers access to UL STP, you enable them to debug, test, and certify their systems themselves while you keep the overall overview and control of their testing and certification projects.

In combination with UL Brand Test Tool, the UL STP provides a complete solution for testing POS solutions as well as ATMs.

### What is inside?

UL STP is set up of several building blocks:

- Project Management Framework
- Real-time Network & Host Simulation
- Functional Testing and Brand Validation
- Web Portal



### Key benefits

- Comprehensive overview of your certification process
- Your customers perform their own testing and debugging
- Always up-to-date with the latest 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
- Extendable with custom test and certification processes
- Scalable to large user groups

# UL SELF TEST PLATFORM

## Specifications

### Project Management Framework

#### Project Management

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

#### Test Case & Test Plan Management

- Test Plans 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 & 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 & 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

#### Customization of platform and GUI

- Flexible user account management
- System health dashboard and notifications
- Look and feel according to your branding guidelines
- Implementation of 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

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

#### Integration with other systems

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

## Deployment and Management

UL offers a managed hosting solution in UL's PCI-compliant data center and provide various deployment options to fulfil your performance requirements (high-availability through load-balancing and redundancy). UL also provides the option for you to deploy and manage UL Self Test Platform yourself on an alternative site.



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