

TSYS® CertifyNowSM Self-Test Platform

WHAT IS IT?

The TSYS CertifyNow self-test platform is new certification technology that accelerates card brand EMV® certification for our developer partners by offering 24/7 access to automated test tools and certification management resources.

WHO IS IT FOR?

TSYS CertifyNow is an optimal online tool for any developer, integrated software vendor (ISV), gateway or acquirer who wants to make the payment terminal testing and certification process automated, user-friendly, scalable and web-based.

WHY DO YOU NEED IT?

All card brands mandate proper EMV testing before allowing payment devices to be connected to their network infrastructure. The ultimate goal of these tests is to ensure interoperability, security and the deployment of terminals that can perform trouble-free transactions within the payment ecosystem.

The TSYS CertifyNow self-test platform, fueled by the UL Brand Test Tool, is a fully integrated, automated and web-based solution to facilitate process management and testing. It enables certifying partners to self-test and debug systems themselves while providing an around-the-clock overview and control of their testing and certification projects.



KEY BENEFITS

Comprehensive overview of certification process:

- Certifying partners perform their own testing and debugging
- Up to date with the latest compliance framework
- Integrated with card brand test processes (M-TIP, ADVT and more)
- Complete payment terminal test solution



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 payment expertise and card brand specifications
- Context-specific help engine



Specifications



CERTIFICATION MANAGEMENT FRAMEWORK

Test case and test plan management:

- Centralized storage of test plans
- 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

Certification project management:

- Certification project repository
- Visual certification process workflow
- Role-based user access model



BRAND VALIDATION PLATFORM

Test automation engine:

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

Latest card brand test plans:

- Mastercard® M-TIP and contactless PayPass® M-TIP
- Visa® contact ADVT, contactless ADVT qVSDC, CDET and U.S. Common Debit AID
- American Express® ICC Payment Specification (AEIPS) for contact and Expresspay for contactless
- JCB Terminal Check for Implementation (TCI)
- Diners Club® International Acquirer E2E
- Discover® Network Acquirer E2E
- Debit networks such as U.S. Common and Maestro

Consolidated ICS form for all card brands:

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

Formal validation:

- 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:

- Use platform as a sandbox before formal validation
- 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 internal test phase

Integration with other systems:

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



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 card network interfaces supported

To learn more:

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