



What's New in This Release of ICVERIFY

Release Description:

FDPS/ICV 4.1 contains the following enhancements. Points **1.viii**, **1.ix** and **15-17** are of particular interest to Integrators and are so noted:

Enhancements:

1. In accordance to the guidelines of **Payment Application Data Security Standard (PA-DSS)**, the following changes and enhancements have been added to the software. Points i through viii have been in the software since version **4.0.4**. Points ix through xii are new to version **4.1**:
 - i) In the User Manager application, “View Full Data in GUI” privilege will not be assigned to any profile by default. It must be manually added to any user profile if business needs warrant.
 - ii) If you do not have the “View Full Data in GUI” privilege then account number will be masked in the ICVERIFY GUI when you will select the customer name from the customer name field.
 - iii) All merchants who are using the Import and Export functionalities of ICVERIFY are recommended to use only encrypted format of the files while importing or exporting the transactions. This will be the default setting. If you have legitimate business need to use un-encrypted format then please un-check the encrypted flag from the import and export screen.
 - iv) In ICVERIFY and the User Manager Applications, passwords must meet the following criteria: 1. Password Length must be a minimum of 8 characters in length and a maximum of 16 characters. 2. Must have at least one alphanumeric character. 3. Must have at least one digit. 4. Must have at least one special character. The following are examples of complex passwords:
 - (a) red4bal!oon5
 - (b) rome0&julie8
 - (c) @uth3nt1cate

- v) At the time of SQL Server 2005 installation, you will need to provide a complex password for the database. This is a change from earlier versions of ICVERIFY where there was one default password.
 - vi) When upgrading the existing ICVERIFY installation to the ICV 4.0.4 then please confirm that all history data and customer data are intact after upgrade. Once confirmed, the PCVXSecureDelete.exe that comes with the ICVERIFY installation must be run to securely delete the old data directories. After this step, you will be able to process transactions.
 - vii) "View Full Data in Report" privilege will no longer be available in ICVERIFY.
 - viii) **INTEGRATORS:** ICVERIFY will accept only encrypted request file in REQ-ANS mode. Request files sent in plain text will be discarded.
 - ix) **INTEGRATORS:** Previously, third party POS integrators used the Encryption Manager Interface to encrypt/decrypt their transaction data. But now for version 4.1, the Encryption Manager is no longer available for integration. Instead, a new windows service, ICVTnsServer, has been introduced with ICVERIFY software package offering cutting edge 256-bit AES encryption/decryption for transaction processing. Third party software integrators must integrate their client systems with ICVTnsServer service to encrypt/decrypt transaction files. The clients will communicate to the server through SSL protocol. Details about integration with ICVTnsServer windows service are available in the SDK guide.
 - x) Option "Never" for Password Lockout and Password Expiration has been removed from User Manager Application.
 - xi) Sensitive data in DBG files and LOG files will be masked.
 - xii) The JCard application now uses only SSL v3.0 and TLS v1.0 for SSL encryption when sending transaction messages to host. Also only cipher-suites of 3DES, 128 bit or 256 bit strength are used for SSL encryption during host communication for all supported processors.
2. Support for Partial Authorization, Balance Reception, Full Reversal and Balance Inquiry transactions for the FDMS South platform as well as Partial Authorization, Balance Reception and Full Reversal for the FDMS Buypass platform.
 3. An enhancement was made to all ICVERIFY installation modules to support installation on Windows XP Service Pack 3 or higher operating systems only. ICVERIFY modules will not support installation on operating systems lower than Windows XP Service Pack 3.
 4. An enhancement was made to support SQL Server Express Edition Service Pack 3 for user database hosting and maintenance. Fresh installations of ICVERIFY User Manager will install SQL Server 2005 Express Service Pack 3 on the user machine. Upgrade installations will upgrade the existing user database server to SQL Server 2005 Service Pack 3 Express Edition.
 5. Support for Visa Paywave (VCPS 2.x) contactless cards on the FDMS South platform.

6. Modifications in ICVERIFY for adding support of Tax Amount, AVS response codes mappings and Partial Reversal for Discover cards on the FDMS South platform.
7. Triple DES (Debit PINpad encryption) certification for debit transactions on FDMS Buypass, TSYS, Global East, Chase Paymentech and WorldPay processing platforms.
8. Updating receipts to comply with new Visa rule changes regarding DCC (Dynamic Currency Conversion) transactions. In addition, an update to the currency file for DCC transactions was made to add the country Lesotho and remove the country of Slovenia.
9. Support of TPP ID (Third Party Processor ID) for FDMS South, FDMS Prosa, FDMS Buypass and FDMS Nashville platforms.
10. There is no longer support for the option for direct or split dial connectivity to the American Express platform. This change does not impact the acceptance of American Express cards.
11. An enhancement was made where the Submit button in ICVERIFY will be disabled only when ICVERIFY is able to connect and successfully receives a proper host response, i.e. the transaction gets either approved or declined, from the host. If ICVERIFY is not able to connect to the host or if the transaction gets declined due to other communication/validation errors, then the Submit button stays enabled allowing the user to re-submit the same transaction without re-entering the data.
12. A change was made where the Server Connect Utility can be installed on substations of ICVERIFY without the need to install the User Manager on those substations.
13. An enhancement was made for "Book/Ship" transactions whereby Booked transactions will no longer display "voided" when they are converted to Ship status. Instead, Booked transactions will now display "Shipped" in the list of current credit card transactions at the bottom of the application. The shipped transaction will continue to display "Approved". And in the case of a Partial Reversal, the status of the Partial Reversal transaction will be "PReversed".
14. An enhancement was made to the User Manager so that "ICVERIFY for Windows" is now the default listing in the "Application Name" dropdown list.
15. **INTEGRATORS:** A change was made for merchants importing transactions into ICVERIFY from an outside source. If you are processing transactions using "BT" request then ICVERIFY will only accept the batch file which has extension as .BAT. This is applicable for the request batch file and the answer batch file. For example, "BT", "mybatchfile.BAT", "myAnsFile.BAT"

16. **INTEGRATORS:** Clarification was added in the SDK (Software Developer Kit) to indicate that debit transactions should only include Track II data when being imported into the software from an outside source.
17. **INTEGRATORS:** A correction was made for TSYS merchants processing Level III transactions using the SDK so that the line items are now calculating properly.
18. Year 2011 Copyright changes.

This version also includes minor bug fixes that did not impact processing.