

# XCHARGE®

## 7.1 Release 7 SP3 04/24/2012

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>XCTransaction2.dll updated to log masked track data in order to better verify the track data from MSRs.</li> <li>XCTransaction2.dll updated to detect if a payment card account number was used within the last 10 transactions and prompt for verification if so.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Updated X-Charge to support "Track 2 only" swipe data from MSRs emulating MagTek HID Virtual COM STX/ETX mode.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing the masked Credit Card # to remain after processing a Void from X-Charge.</li> <li>Fixed issued causing HID MSRs to not function with X-Charge 7.1R7SP2.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Encrypted Card Reader Device settings on the X-Charge Server PC no longer affect Encrypted Card Reader Devices configured on additional X-Charge Client PCs.</li> </ul>
Debit Cards, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing Debit transaction quantities to not appear on Settlement Totals Reviews with X-Charge 7.1R7SP2.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>X-Charge now sends the Terminal ID and Clerk data to XGift.</li> </ul>
PINPad, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing MagTek IPAD to not function correctly when used in conjunction with XCTN and other integration libraries.</li> <li>Fixed issue causing MagTek IPAD to not function correctly when processing EBT transactions.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing 823 error with encrypted swipers used via XCClient.dll.</li> </ul>
Other Integration, Bug Fix	<ul style="list-style-type: none"> <li>Fixed XCTransaction2 issue causing EBT Cash Benefit Approvals to be returned as an error message.</li> </ul>

## 7.1 Release 7 SP2 12/06/2011

Area	Description
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue from 7.1R7 causing voided transactions to appear in the Item Number Lookup window without red/strikethrough formatting.</li> <li>Fixed issue from 7.1R7 with filtering the Item Number Lookup window by the selected Processing Account Name.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>The "Cannot focus a disabled or invisible window" message is no longer displayed when an invalid Backup folder is configured in the X-Charge Server.</li> </ul>

## 7.1 Release 7 SP2

12/06/2011

Area	Description
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue where transactions processed in X-Charge version 7.1R3 failed to load in the Reports after upgrading. This fix will restore the older Reports.</li> <li>Fixed issue from 7.1R7SP1 causing X-Charge Client installations (as opposed to Server installations) to display transactions from more than the selected Processing Account Name in the Reports.</li> <li>Fixed issue from 7.1R7SP1 causing Reports printed from the "Scheduled Report Printing" to print without transaction data.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing ARCHIVEVAULTQUERY transactions to return "809 Required Field Not Sent Error: Industry" in some circumstances.</li> <li>Fixed issue causing Void transactions sent via XpressLink with the Transaction ID to fail with an 824 Industry error.</li> </ul>
Other Integration, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue from 7.1R7SP1 causing transactions sent from POS to X-Charge without a Processing Account Name specified to be processed under the default Processing Account.</li> </ul>

## 7.1 Release 7 SP1

09/07/2011

Area	Description
Gift Cards, Enhancement	<ul style="list-style-type: none"> <li>Added new Gift Card processing log to the "Common Files Folder"\DM folder.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added a "Transaction not completed - X-Charge is already running" response for XpressLink DLL and EXE to indicate when XpressLink cannot launch due to another instance already running.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing Gift Card Replace transactions to submit the same values for the Old and New Account numbers.</li> <li>Restored ability to void Gift Card transactions from the Item Number Lookup window on X-Charge Client workstations.</li> </ul>
EBT Cards, Bug Fix	<ul style="list-style-type: none"> <li>When processing an EBT Sale transaction from X-Charge or XpressLink, the "' is not a valid floating point value' error message is no longer returned on successful transactions.</li> </ul>
PINPad Device, Bug Fix	<ul style="list-style-type: none"> <li>The PIN Pad Device options group box no longer shifts when "Verifone PINPad 1000" is selected on the Debit PIN Pad Setup window.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing transactions from XWeb accounts sharing the same XWeb ID to appear with the wrong grouping in the "CC Totals by Processing Account" report.</li> <li>Updated the "CC Totals by Processing Account" printed report name from "CC Totals by MID."</li> <li>The X-Charge Transaction Detail Report no longer prints with the Processing Account Names next to the transactions.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>The /SMARTAUTOPROCESS XpressLink parameter now works for EBT Return transactions.</li> <li>Fixed typo on the "Archive Check Vault - Delete" XpressLink window.</li> </ul>

## 7.1 Release 7

08/03/2011

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added support for encrypted card reader devices.</li> </ul>
Debit Cards, Enhancement	<ul style="list-style-type: none"> <li>Added support for Partial Approvals on Debit Purchase transactions.</li> </ul>
X-Charge Integration, Enhancement	<ul style="list-style-type: none"> <li>Added support for Check Status Query and Return Check Reports through the XpressLink, XCTransaction2 and XCTransaction.NET integration methods.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>The "Credit Card #" and Gift Card "Account #" fields are now locked and "grayed out" when processing a Void from X-Charge.</li> <li>Gift Cards or Canadian Debit Cards mistakenly swiped into a Credit Card or EBT field using a Keyboard Emulation MSR are now parsed and masked even though they are invalid for these transaction types.</li> <li>Entering a Port number outside of the accepted range when configuring the X-Charge Client Settings will now produce a specific error indicating the issue.</li> <li>Updated the error message produced when attempting to settle an empty batch with Global Payments. The updated message is "Empty Batch. Inv Bal/Settl."</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Processing Account Names are now stored without case-sensitivity in order to prevent "Invalid Processing Account" errors based on using the wrong case.</li> <li>The X-Charge Server now warns that the "Local and Remote X-Charge Clients must restart for changes to take effect" when the Global Payments "Settlement Type" is changed.</li> <li>XWeb Conversions will now complete successfully when converting Retail Processing Accounts where transactions were processed as "MOTO."</li> </ul>
X-Charge Installation, Bug Fix	<ul style="list-style-type: none"> <li>Revised the warning message displayed during installation when X-Charge detects Terminal Services to include a reference to "Install Application on Terminal Server" for Server 2008.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Replaced all references to "Datamark" with "ProfitPoint."</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>The duplicate "Discover" entries have been removed from the X-Charge Transaction Totals Report.</li> </ul>
XPressLink, Bug Fix	<ul style="list-style-type: none"> <li>X-Charge will now process "/TRANSACTIONTYPE:REVERSAL" as Voids when the Credit Card Processor is set to XWeb in order to fix the "Decline: Reversal transaction not supported by X-Web" error.</li> <li>The /LOCKTRANTYPE parameter now works with the new X-Charge Client transaction menus.</li> </ul>
XCTransaction.NET Integration, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing "Invalid Approval Code" to be returned when Credit Cards are swiped into the CreditCardForceDialog.</li> </ul>

## 7.1 Release 6 SP2

06/28/2011

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>The Processing Account Name is now used instead of the Global Payments Terminal ID when processing Credit Card Adjustment or Credit Card Void transactions from the X-Charge Client.</li> </ul>
Documentation, Enhancement	<ul style="list-style-type: none"> <li>Appendix B - "XWeb Response Codes" expanded to include XCheck-related results and others.</li> <li>Appendix E - "XCheck Entry Types" Transaction Capabilities by Entry Type table expanded to note transactions authorized by "Other Contract."</li> </ul>

## 7.1 Release 6 SP2

06/28/2011

Area	Description
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Removed the ability to configure Global Payments Check Verification transactions from X-Charge Client Setup unless Global Payments is the defined Credit Card Processor.</li> <li>Updated references to "Merchant ID" for accuracy and clarity. "Processing Account" is used for most references to Processing Account Information such as Merchant IDs, Terminal IDs, etc. Updated references to "Processing Account" in the X-Charge Client, Setup and Reports windows.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>The ACH Setup window no longer provides the option to switch from "Transaction Central" to "X-Web" unless the Credit Card Processor is set to XWeb.</li> <li>"Merchant Information" is now used in place of "Merchant ID" and the like when configuring Processing Accounts in the X-Charge Server Setup.</li> <li>Updated references to "Merchant ID" for accuracy and clarity. "Processing Account" is used for most references to Processing Account Information such as Merchant IDs, Terminal IDs, etc. "Merchant ID" and "Terminal ID" still appear in the X-Charge Server where accurate within the Processing Account setup screens.</li> <li>Email addresses entered into the Update tab with a subdomain are no longer rejected as "invalid" (also applies to email addresses submitted during X-Charge Installation).</li> </ul>
X-Charge Installation, Bug Fix	<ul style="list-style-type: none"> <li>During an installation or upgrade, X-Charge will detect if Terminal Services are running on the PC. If so, a message is displayed to notify the user that special steps should be taken to install X-Charge using "Install Mode" for a terminal server.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>XPressLink transactions requiring use of the /TRACK parameter for Debit Card processing are no longer rejected as "823 Invalid Account Data: Track Data."</li> </ul>

## 7.1 Release 6 SP1

05/31/2011

Area	Description
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>Updated the naming convention for many X-Charge installation files to include simplified version numbers. Example: X-Charge Locked Version 7.1 Release 6 Service Pack 1 is "XC7.1.6.1.exe". This update includes (but is not limited to) the main X-Charge Installers and the XCClient installer.</li> </ul>
Documentation, Enhancement	<ul style="list-style-type: none"> <li>X-Charge Help files reviewed and updated.</li> <li>X-Charge Release Notes reviewed and updated.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>X-Charge will now return account information (masked) from the Check Data Archive Vault on Check Add and Check Query transactions.</li> <li>X-Charge will no longer report "826 Invalid Private Key Error" for the first transaction processed after a merchant Terminal ID setting is changed. If a Private Key update is needed then the message "Security Credentials Refreshed (PKE). Please resubmit transaction." will be displayed.</li> </ul>

**7.1 Release 6 SP1**  
05/31/2011

Area	Description
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Partial Approval transactions now appear in the "Item Number Lookup" window when voiding credit card transactions.</li> <li>X-Charge Client window no longer shifts when selecting a Check Scanner Device from Setup.</li> <li>Focus is now placed in the Routing field instead of the Accounting field for all XCheck transactions.</li> <li>When logging into X-Charge multiple times in one session, the Check and EBT transaction types can now be selected without forcing the application closed.</li> <li>Reprinting receipts from the Transaction Lookup window will now accurately display the entry type "Keyed" if the transaction was not originally swiped.</li> </ul>
X-Charge Installation, Bug Fix	<ul style="list-style-type: none"> <li>Updated the copy of XCClient.dll installed with X-Charge to fix the path to CheckReaderHost.exe – fixes the "CheckReaderHost application not found" error.</li> </ul>
XCTranNet2 Integration, Bug Fix	<ul style="list-style-type: none"> <li>Updated the XCTranNet2.dll library to parse swipe data ending with a question mark but without a terminating carriage return for Credit Card Purchase transactions.</li> </ul>

**7.1 Release 6**  
04/26/2011

Area	Description
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Updated the X-Charge Client interface with new transaction menus and group headers.</li> <li>Added a new interface for setting the client colors on the Setup Display tab.</li> <li>New Check Scanner setup options on X-Charge Setup Devices tab.</li> <li>A new window, "X-Charge File Versions", lists the version numbers of all modules installed with X-Charge. This window is available from the "About" window by choosing "File Version Information."</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Enhanced Global primary/secondary URL rollover logic to rollover under some circumstances even when a connection is made with the host and a response is received.</li> <li>New Check Services setup screen in X-Charge Server Setup on the X-Web Processor Options tab.</li> </ul>
Checks, Enhancement	<ul style="list-style-type: none"> <li>Added support for new X-Web Check (XCheck) services with the following transaction types: Check Sale, Check Credit, Check Verification.</li> </ul>
EBT Cards, Enhancement	<ul style="list-style-type: none"> <li>Added EBT support with the following transaction types: EBT Sale, EBT Return, EBT Force Voucher, EBT Cash Benefit Sale.</li> </ul>
PINPad, Enhancement	<ul style="list-style-type: none"> <li>The OPOS for Ingenico installer is no longer launched from the PINPadDevice installer, dramatically reducing installation time.</li> <li>Because the PINPadDevice installer is launched by the main X-Charge installer, the installation and upgrade times for X-Charge are also dramatically reduced.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>The Transaction Lookup screen now supports searching for account number by the last 4 digits.</li> </ul>

## 7.1 Release 6

04/26/2011

Area	Description
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added the following features: /CHECKMICR, /CHECKACCOUNT, /CHECKROUTING, /CHECKNO, /CHECKFRONTIMAGEFILE, /CHECKBACKIMAGEFILE, /LOCKCHECKMICR, /LOCKCHECKACCOUNT, /LOCKCHECKROUTING, /LOCKCHECKNO, /LOCKCHECKIMAGE.</li> <li>New Transactions Types: EBTSALE, EBTCASHBENEFIT, EBTRETURN, EBTFORCE, CHECKSALE, CHECKCREDIT, CHECKVERIFY.</li> </ul>

## 7.1 Release 5 SP5

03/01/2011

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>The alias value returned from X-Web is now masked in the IPTxRx log.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>ArchiveVaultUpdate and ArchiveVaultDelete work on local ID's created with either X-Web processor or Global processor.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>When a function is called, that function will finish before the program will allow it to be called again.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>After an X-Web conversion, switching the processor back to Global will now allow Settlement when the server is set for Merchant Initiated Settlement.</li> <li>File based transactions will no longer receive Invalid Expiration Date.</li> <li>Data Archive Vault allows update clearing the Improper Field Data Error.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Using XCTranID will no longer fail attempting gift card voids.</li> </ul>

## 7.1 Release 5 SP4

02/01/2011

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added support for Global Canada Bank ID 032700.</li> <li>X-Charge will look up the old merchant Terminal ID after a TID-swap.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>Enhanced Installer to alert user if the install/upgrade is being executed without the necessary administrator rights.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>When Prompt for Merchant ID is used, the second through the end of the list of Merchant IDs will no longer receive an "826 Private Key Error."</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Canadian debit cards will report as the correct card type and not only VISA.</li> <li>Fixed issue with voids not totaling correctly on the CC Totals by Day report.</li> </ul>

## 7.1 Release 5 SP3

12/22/2010

Area	Description
Reports, Enhancement	<ul style="list-style-type: none"> <li>X-Charge now updates the database during a TID swap with the new Terminal ID so transactions processed on the old TID are still available.</li> </ul>
Gift Cards, Enhancement	<ul style="list-style-type: none"> <li>An invalid card swipe will prompt for the card swipe again.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>If CVV2 is set to required, it is not required for Data Archive Vault entries.</li> </ul>

**7.1 Release 5 SP3**  
12/22/2010

Area	Description
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>When running Data Archive Vault Delete or Data Archive Vault Update, the Account ID will be found.</li> <li>X-Charge now checks if the new TID already exists and if so does not proceed with a TID swap.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>X-Charge is no longer masking gift card digits when passed to the processor.</li> <li>Modem transactions are processing normally.</li> </ul>
PINPad, Bug Fix	<ul style="list-style-type: none"> <li>"Cannot focus a disabled or invisible window" when DISPLAYSIGNATURE parameter is not used has been fixed.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing a decimal point misplacement in Transaction Lookup for Concord merchants.</li> <li>CC Totals by Day report and CC Totals by MID report display the same information on the printed report and on the screen grid.</li> </ul>

**7.1 Release 5 SP2**  
12/01/2010

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>TID swaps available when checking for update.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing the Old Terminal ID to be printed on X-Charge receipts after a TID swap.</li> <li>The Tip line is now only printed when the tip is greater than \$0.00.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>The following fields are now correctly displaying in the Lookup screen on a client: IIAS Amount, AFD, Tip Amount, Alias.</li> </ul>

**7.1 Release 5 SP1**  
11/18/2010

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>A "Stop" button has been added to the X-Web conversion window. To resume, restart the conversion and the process will continue from where it was last stopped. Multiple stops and restarts are supported.</li> </ul>
PCCharge Emulation Requests, Enhancement	<ul style="list-style-type: none"> <li>Added support to search for previous Purchases and perform an Adjustment.</li> </ul>

**7.1 Release 5**  
10/27/2010

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Confirm password option was added to the security screen.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>The adjustment window now clears automatically after an adjustment transaction, regardless if the transaction was hand keyed or selected from search.</li> <li>X-Charge will retrieve the public keys for the X-Charge Clients even if the Client has not been started.</li> </ul>

**7.1 Release 5**  
10/27/2010

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added support for "Partial Approvals": approvals for less than the amount of the original transaction.</li> <li>Added support for IIAS transactions on the X-Web gateway. FSA/IAS support mimics the support currently available for Global Payments and it is enabled using the FSA Setup option on the X-Charge Server Setup, Credit Card Processor Options tab.</li> <li>Account numbers are checked for validity before submission into the Data Archive Vault.</li> <li>Data Archive Vault transactions using accounts created under a former processor allow Delete or Update using the old merchant ID after a TID-swap.</li> <li>Pre-Authorized Transactions no longer have to be Forced before a conversion to X-Web is processed.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>Prompt for email address added. The email address can also be updated in the X-Charge Server setup on the Update tab.</li> </ul>
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Swiped transactions are now permitted on MOTO accounts on the X-Web gateway.</li> <li>Both the X-Web and Global gateways will now return the card type VISA instead of Visa.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>X-Charge Checks Detail report now shows ACH transactions.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>When a search for Void is performed with Concord as the processor, the CC Type Column will now be populated with the correct information.</li> <li>When changing the DPI settings in the monitor properties in Windows, the message box will no longer cut off the buttons.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Removed TransFirst as a processor option.</li> <li>When multiple X-Web Terminal ID's, Authorization Keys, and Market Types are used, the Market Type is now being recognized as valid.</li> <li>When multiple Terminal ID's and multiple users are defined only having access to select Terminal ID's, there will no longer be an Invalid Private Key Decline.</li> <li>The .ans file echoes back the original .req transaction.</li> <li>When the X-Web gateway does not return an approval code for Debit Transactions, X-Charge still returns an approval code of 000000 to maintain backward compatibility with different integrations.</li> <li>Partial approval transactions will return the proper balance due rather than the total amount due.</li> <li>The Purge Credit Card Numbers Utility will now also purge Discover Cards.</li> </ul>
Credit Cards, Bug Fix	<ul style="list-style-type: none"> <li>When a Pre-Auth is forced on the X-Web gateway, hand keying a credit card number and transaction number will provide a result of "Pre-Auth Completion."</li> <li>Cards with whitespace in either track one or track two data will process instead of receiving "Invalid Track 1 Format Error" from the X-Web gateway.</li> <li>Adjustments to American Express cards will process normally.</li> <li>Private keys will be checked when using Prompt for Merchant ID before processing transaction to prevent errors.</li> </ul>

**7.1 Release 5**  
10/27/2010

Area	Description
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Seven digit gift card numbers can now be hand keyed.</li> <li>Devices configured for HID swipe will process gift cards normally.</li> <li>Gift Cards no longer masking digits when sending information to the processor.</li> <li>Gift Cards with a terminal ID of "XCHARGE" will send the appropriate header information with the transaction.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Transaction Detail Report will display accurate expiration date when using file based transactions.</li> <li>When using the Lookup function for an Alias, the proper results will display.</li> <li>Debit column reintroduced to the Credit Card Totals by Day report.</li> </ul>
XML Integration, Bug Fix	<ul style="list-style-type: none"> <li>Refunds will no longer return "812 unrecognized name/tag."</li> </ul>

**7.1 Release 4**  
10/27/2010

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Transactions are now rejected until X-Charge security is enabled and the default User Name and Password is changed.</li> <li>Security added for Server utilities: Import Database Transactions, Convert to X-Web Processor, and Export Alias Conversion Mapping.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>X-Charge Client tip field support added to the Purchase, Debit Purchase, Force, and Adjustment transactions.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Support for new automated update system.</li> <li>Added an email contact field.</li> <li>New Export Alias Conversion Mapping utility exports the relationships between old GPN aliases to the new X-Web aliases.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>Application binaries moved from the installation folder to the X-Charge Common Files folder:               <ul style="list-style-type: none"> <li>XP/2000: C:\Documents and Settings\All Users\Application Data\CAM Commerce Solutions\X-Charge\Application</li> <li>Vista/Win7: C:\ProgramData\CAM Commerce Solutions\X-Charge\Application</li> </ul> </li> </ul>
Gift Cards, Enhancement	<ul style="list-style-type: none"> <li>Support for gift card account numbers with only 7 digits in the account number.</li> </ul>
PINPad, Enhancement	<ul style="list-style-type: none"> <li>PIN pad tip support added for debit purchase and credit purchase transactions.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Enhanced XpressLink to support the following features: /HIDEZIPFIELD, /HIDECVFIELD, /HIDEADDRESSFIELD, /HIDECLERKFIELD, /HIDERECEIPTFIELD, /HIDETOOLBAR, /LOCKTIP, /TIP, /SHOWTIPFIELD, /HIDEHEADERBAR, /PARTIALAPPROVALSUPPORT, /PARAMFILE.</li> <li>XCCClient log now masks sensitive XpressLink parameter data instead of logging no parameters when sensitive data is present.</li> </ul>

**7.1 Release 3 (merged with Release 2)**  
08/16/2010

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added End-To-End encryption support for X-Web.</li> </ul>

## 7.1 Release 3 (merged with Release 2)

08/16/2010

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>X-Web Conversion utility added.</li> </ul>
PINPad, Enhancement	<ul style="list-style-type: none"> <li>Support for Vx810 Canadian Debit device added.</li> </ul>
General, Bug Fix	<ul style="list-style-type: none"> <li>Multiple bug fixes.</li> </ul>

## 7.1 Release 1

02/01/2010

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Card swipe data is now masked during the swipe process.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>New Default Language receipt printing option supporting English, French, or English &amp; French.</li> <li>Support for touch screens added with an integrated Virtual Keyboard.</li> <li>Credit Card Void receipts now include masked account number.</li> <li>A connection "Test" option has been added to ensure a connection to the X-Charge Server during setup.</li> <li>Added new Transaction Lookup "Select" button to securely process a transaction to any credit card in the X-Charge reports. Processing a Purchase, Return, or Pre-Auth transaction all supported.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added TransFirst processor option.</li> <li>New Backup and Restore options added to the X-Charge Server, with a scheduled backup feature available.</li> <li>Support for Auto Fuel Dispensers. Requires 3rd party integration.</li> <li>Enhanced Import Database to include the Archive Vault data.</li> <li>New Merchant ID Name field used when configuring Terminal IDs. This is referenced instead of the Terminal ID from the X-Charge Client and POS software.</li> <li>Added X-Web support, X-Web is available as a processor option.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>X-Charge split into two versions: "Secure" version that accepts transactions with sensitive data from approved secure sources only, and "Open Integration" for use by PA-DSS certified integrators only.</li> </ul>
Debit Cards, Enhancement	<ul style="list-style-type: none"> <li>Support for new Canadian Sears private label card.</li> </ul>
PINPad, Enhancement	<ul style="list-style-type: none"> <li>Support added for Canadian Debit tipping.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>IIAS, IIAS Rx Amount, Tip, and AFD fields added to Transaction Detail report screen.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>New XpressLink library: XCClient.dll.</li> <li>Added the following features: /REQUIREZIP, /REQUIREADDRESS, /REQUIRECV, /REQUIRERECEIPTNO, /REQUIRECLERK, /WINDOWLEFTPOSITION, /WINDOWTOPPOSITION, /HIDEWINDOWBORDER, /CANADIANDEBITTIPPING, /VALIDATEARCHIVEVAULTACCOUNT, /LARGEPROCESSBUTTON, /PROMPTFORMIDATSTARTUP, /PROMPTFORMIDBEFOREPROCESSTRANS.</li> </ul>

**7.0 Release 2**  
07/28/2009

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added the ability to automatically check for important security updates.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added IIAS support for "Rx amount" requirements.</li> <li>Added support for new Global Pay Bank ID 064000.</li> </ul>

**7.0 Release 1**  
04/07/2009

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>All account numbers, keyed or swiped, are masked in the Client program.</li> <li>Gift card account numbers masked in gift card lookup and gift card reports.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Receipt Number added to Canadian Debit receipts.</li> <li>Added support for multi-track gift cards.</li> <li>Receipt buyer agreement text no longer printed for Return receipts.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added Flexible Spending Account card support with IIAS requirements.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Enhanced XpressLink to support the following features: /STARTCOLOR, /ENDCOLOR, /TEXTCOLOR, /SMARTAUTOPROCESS, /PRINTRECEIPT, /PROMPTSIGNATURE, /PROMPTSIGNATURETITLE, /DISPLAYSIGNATURE, /TOOLBAREXITBUTTON, /EXITWITHTHESCAPEKEY, /IIASTRANSACTION, /IIASAUTHORIZEDAMOUNT.</li> </ul>

**7.0 Release 0**  
04/07/2009

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added option to disable file based request file support, enabled by default.</li> <li>User Security feature redone with unlimited users and additional features.</li> <li>User Security enabled by default.</li> <li>New auto-logout feature added to Client Setup.</li> <li>Account expiration dates encrypted in database.</li> <li>Enhanced the X-Charge Client to support encrypted XML data.</li> <li>Enhanced XML answer files to return masked account number, expiration, and account type.</li> <li>Enhanced XpressLink result file to return masked account, expiration, account type, and decline/error description when applicable.</li> <li>Enhanced Account Archive Vault to always return the masked account number, expiration, and account type.</li> <li>Added support for Market Types within configuration files.</li> <li>Support for dual knowledge encryption keys.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Only IP communications with XML request files are sent to the X-Charge Server.</li> <li>X-Charge Client swipe delay default set to 500ms.</li> <li>New "Prompt before printing multiple Receipts" option in X-Charge client to optionally prompt before printing a second receipt, enabled by default.</li> <li>Debit transactions enabled by default in the X-Charge Client.</li> </ul>

## 7.0 Release 0

04/07/2009

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Enhanced Account Archive Vault to support PURGEDATE value and ARCHIVEDUPLICATES option (Allow, Reject, UseExisting).</li> <li>Added Account Archive Vault support for the new XC_CCARCHIVE_QUERY transaction.</li> <li>New maximum gift amount setting for gift Issue, Redeem, and Return transactions.</li> <li>Enhanced Canadian Debit Purchase and Return to support "Allow duplicate transactions" option.</li> <li>New support for XCTransactionID, including support for Offline mode.</li> <li>Removed check verification type "Telecheck."</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>New Report option added: Settlement.</li> <li>Updated the CC Totals, CC Totals by Day, and CC Totals by MID reports to total Discover transactions with VISA and MC.</li> <li>Added Scheduled Reporting option to print a configurable number of copies of each report desired.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added the following new features: /HIDEMAINWINDOW, /ALLOWDUPLICATES, /RECURRING, /HIDEMAINMENU, /MARKETTYPE, /TRANSACTIONTYPE:VOID, /TRANSACTIONTYPE:ADJUSTMENT, /TRANSACTIONTYPE:GIFTVOID, /TRANSACTIONTYPE:ARCHIVEVAULTADD, /TRANSACTIONTYPE:ARCHIVEVAULTUPDATE, /TRANSACTIONTYPE:ARCHIVEVAULTDELETE, /TRANSACTIONTYPE:ARCHIVEVAULTQUERY, /XCACCOUNTID:, /LOCKXCACCOUNTID, /ARCHIVEPURGEDATE:, /ARCHIVEDUPLICATES:, /LOCKXCTransactionID, /ARCHIVEADDOPTION1:, /ARCHIVEADDOPTION2:, /ARCHIVEADDOPTION3:, /LOCKAPPROVALCODESEARCH.</li> </ul>
XML requests, Enhancement	<ul style="list-style-type: none"> <li>New ALLOWDUPLICATES option allows AP DUPE override on specific transactions.</li> </ul>

## 6.2 Release 7

07/28/2009

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added the ability to automatically check for important security updates.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added support for new Global Pay Bank ID 064000.</li> </ul>

## 6.2 Release 6

09/30/2008

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>The X-Charge configuration files are no longer copied to transaction folders.</li> <li>The X-Charge transaction folders are no longer required.</li> </ul>

## 6.2 Release 6

09/30/2008

Area	Description
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Added support for the MagTek USB HID Magnetic Stripe Reader (MSR).</li> <li>Moved PIN Pad device setup to General Options, Devices.</li> <li>Added support for custom printer codes for 40 column receipt printing.</li> <li>Receipt "Store Policy" field enhanced to support unlimited lines.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added Offline Processing support for gift card transactions.</li> <li>Faster Global Gateway transaction processing.</li> </ul>
Debit Cards, Enhancement	<ul style="list-style-type: none"> <li>Validate and correct invalid Canadian debit card language codes.</li> </ul>
XML IP requests, Enhancement	<ul style="list-style-type: none"> <li>Enhanced 3rd-party XML IP request handling.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>Fixed XpressLink issue which caused the result file to not include BALANCE and ADDITIONALFUNDSREQUIRED values for gift card transactions.</li> </ul>

## 6.2 Release 5

04/07/2008

Area	Description
XML IP Requests, Enhancement	<ul style="list-style-type: none"> <li>Added support for a 3rd-party XML IP request format that does not require an EOT character.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>Fixed XML formatting issue in the XpressLink XML result file.</li> <li>Fixed issue which caused CA Debit reversal transactions to be returned as successful in the XpressLink result file.</li> </ul>

## 6.2 Release 4

02/08/2008

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Enhanced the X-Charge Server Setup to warn the user if they are enabling Offline Mode to start automatically at startup.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>The XpressLink COM object is now included with the X-Charge installation.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added support for the following new features:            /TRANSACTIONTYPE:CheckVerify, /XMLRESULTFILE,            /DRIVERSLICENSENO:, /LOCKDRIVERSLICENSENO, /CHECKNO:,            /LOCKCHECKNO, /STATE:, /LOCKSTATE, /DATEOFBIRTH:,            /LOCKDATEOFBIRTH, /CHECKTYPE:, /LOCKCHECKTYPE, /USERID:,            /PASSWORD:, /SMALLWINDOW, /SMALLWINDOWNOCOLORS, /TITLE:,            /NORESULTDIALOG</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue which allowed the default transaction folder to be assigned to a folder already assigned to another MID.</li> </ul>
XpressLink, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue which caused spaces in account numbers to not be stripped before writing the masked account number to XpressLink result file.</li> <li>Fixed cosmetic issue which caused amounts passed through XpressLink to not be formatted and displayed correctly.</li> <li>Fixed issue which caused the XpressLink window to close prematurely when the card swipe was canceled on a debit PIN Pad and the /AUTOCLOSE option was specified.</li> </ul>

**6.2 Release 3**  
12/19/2007

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Added an alert to the Startup Options to notify the user if they have insufficient rights to modify the Windows startup options.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added the following result file fields: customer name, swiped, cashback, expiration.</li> <li>Added new parameter options: /LOCKAMOUNT, /CASHBACK, /LOCKCASHBACK, /XCACCOUNTID, /LOCKACCOUNT, /LOCKEXP, /LOCKZIP, /LOCKADDRESS, /CV, /LOCKCV, /LOCKRECEIPT, /LOCKCLERK, /LOCKAPPROVALCODE, /LOCKMID, /GETXCACCOUNTID.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Removed Gift Card Settlement option.</li> </ul>
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Fixed issue causing cards issued by Santander Bank to be rejected with an Invalid Track 1 error.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed GPN Transaction Detail report sorting issue when sorting by date.</li> </ul>

**6.2 Release 2**  
09/17/2007

Area	Description
Gift Cards, Enhancement	<ul style="list-style-type: none"> <li>Updated gift card IP URL to new "www.wa.rewardforloyalty.com" URL.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue that caused some IP requests to the X-Charge Server to be ignored.</li> <li>Fixed issue that caused the gift card modem backup to not successfully switch back to IP.</li> </ul>

**6.2 Release 1**  
09/05/2007

Area	Description
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue that caused the Global Gateway license to not be correctly set when changing the default MID with a configuration file.</li> <li>Fixed issue that caused HDACom.exe to consume high CPU resources when idle.</li> </ul>
X-Charge Installation, Bug Fix	<ul style="list-style-type: none"> <li>Fixed data conversion issue that caused pre-6.0 data to not be automatically converted to the new 6.x format. This issue only affected upgrades to 6.2 R0.</li> <li>Fixed installation issue that caused PINPadDevice.dll to not be installed correctly.</li> </ul>
XML Integration, Bug Fix	<ul style="list-style-type: none"> <li>Fixed Debit XML response to include &lt;RESULT_APPROVALCODE&gt;.</li> <li>Fixed issue causing XML hold files to not be deleted.</li> </ul>

**6.2 Release 0**  
08/02/2007

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>The default "Max Charge Amount" changed to \$10,000.</li> <li>Enhanced the X-Charge Security Service to detect and delete request files when the X-Charge Server is not running.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>New font size option for 40-column receipts and reports printed using 'Standard Windows printing'.</li> <li>New X-Charge Client Display options.</li> <li>A signature line is now printed on Adjustment receipts.</li> <li>Added new Print Tip Line option to for receipts.</li> <li>Added support for Windows user-specific X-Charge Client configuration files.</li> <li>New X-Charge Client support for multiple Merchant IDs. The active merchant ID is selected from the Transaction menu.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>New Import Database utility in X-Charge Server adds the ability to import and merge the transactions from another database file to the current one.</li> <li>Added support for duplicate transactions with Force and Pre-Auth Completion transaction types.</li> <li>Added support for Transaction Central ACH Debit and ACH Credit transactions.</li> <li>Added new Data Repository feature.</li> <li>Added support for Canadian ZIP codes.</li> </ul>
X-Charge Installation, Enhancement	<ul style="list-style-type: none"> <li>Configuration files moved to common file (%alluserprofile%) location and the C:\GPN and C:\DM folders are no longer required.</li> </ul>
Debit Cards, Enhancement	<ul style="list-style-type: none"> <li>Added support for Canadian Debit.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>Added new Gift Card Transaction Lookup report.</li> <li>Added new Gift Card Totals By Day report.</li> <li>Added new Gift Card Activity report account filter option and report totals.</li> <li>Register field added to the GPN Transaction Detail report grid and the GPN Transaction Lookup grid.</li> <li>Added new GPN CC Totals by MID report.</li> <li>Added Scheduled Report Printing support for the CC Totals by MID and Gift Totals By Day reports.</li> </ul>
XpressLink, Enhancement	<ul style="list-style-type: none"> <li>Added the following XpressLink command line parameters: /LOCKTRANTYPE, /LOCKTRANTYPEGROUP, /STAYONTOP, /TRACK, /MID.</li> </ul>
Documentation, Enhancement	<ul style="list-style-type: none"> <li>New Vista-compatible help file.</li> <li>New Help menu options – 'User Manual' and 'Security'.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Removed Gift Card Multi-Issue transaction support.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed schedule reporting issue for 40-column reports.</li> <li>Fixed issue which caused the approval code of the previous transaction to be returned after a specific communication error.</li> <li>Fixed issue which caused an AP DUPE transaction to be approved when the original transaction was in the same batch but with a different date.</li> <li>Fixed issue which caused a lockup when sharing one modem for both gift card and credit card transactions.</li> <li>Fixed Concord multi-MID issue causing default MID to return Invalid Store ID error.</li> </ul>

## 6.2 Release 0

08/02/2007

Area	Description
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed the report names displayed in the print queue when printing reports.</li> </ul>

## 6.1 Release 3

04/03/2007

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>New X-Charge Server Startup configuration with support for Vista.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed Reversal response issue.</li> </ul>
Integration, Enhancement	<ul style="list-style-type: none"> <li>Fixed issue with PCCharge debit .INP/.OUT support.</li> <li>Fixed issue with XML request file and multiple embedded spaces in the track data.</li> </ul>

## 6.1 Release 2

12/12/2006

Area	Description
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Added support for new XCharge.exe command line parameters.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Improved swipe data validation.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Phantom transaction fix.</li> </ul>

## 6.1 Release 1

11/01/2006

Area	Description
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Added support for Discover card '650' prefix.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue with Concord Transaction Detail and Transaction Totals report caused by report changes at the Concord host.</li> </ul>

## 6.1 Release 0

09/15/2006

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>New audit logging feature automatically records security and transaction events which can be viewed with Windows Event Viewer.</li> <li>New Encryption Key maintenance option.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>New gift card server setting for the Datamark primary IP URL.</li> <li>New IP Transaction request feature to compliment the file based request and answer files.</li> <li>Enhanced track data validation.</li> </ul>
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Added support for JCB cards.</li> </ul>
XML Integration, Enhancement	<ul style="list-style-type: none"> <li>Added support for new XML format request files.</li> </ul>

### 6.1 Release 0

09/15/2006

Area	Description
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed Transaction Lookup to correctly display and print GPN Pre-Auth Completion transactions that were modified by a Partial Reversal transaction.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue causing Discover CV results to not be returned.</li> </ul>
Integration, Bug Fix	<ul style="list-style-type: none"> <li>Fixed ICVerify 2 line response format.</li> </ul>

### 6.0 Release 4

07/05/2006

Area	Description
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue which caused pre-auth transactions to be completed with a force instead of a pre-auth completion when the approval code contained only 5 digits.</li> <li>Fixed issue which caused Pre-Auth Completion transactions to not be converted correctly to the 6.0 format.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue with the Concord Transaction Totals report caused by report format changes at the Concord host.</li> </ul>

### 6.0 Release 3

04/27/2006

Area	Description
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Fixed critical issue which caused IP gift card redeem transactions on a card with an existing balance of 0.00 to be approved.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue which caused schedule reports to print with no report data.</li> </ul>

### 6.0 Release 2

03/23/2006

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Changed IP URL for Datamark gift card IP transaction processing to match server modifications at Datamark.</li> </ul>
Gift Cards, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue which caused gift card balances of \$0.00 to be returned as a 'blank' amount.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue that caused scheduled reports to not print to a selected printer if the printer name contained a space.</li> </ul>

**6.0 Release 1**  
02/03/2006

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>● All Transaction file data moved to History\tran.xdb. All old transaction files backed up and encrypted for security.</li> <li>● Added new option to automatically shutdown the X-Charge Server when the X-Charge client closes.</li> <li>● Added the ability to run the X-Charge Server as a service. This must be manually enabled from Windows Services.</li> <li>● New X-Charge Server utility adds the ability to purge credit card numbers from the database.</li> <li>● New "Enable All MIDs at Client" Security option.</li> <li>● Added enforcement of Max Charge Amount on all credit card transactions.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>● New Force Search option allows CC or approval number to be entered before clicking Search, causing the search screen to automatically locate the transaction with a matching CC or approval number.</li> <li>● Added Settlement and Settlement Review support in the X-Charge Client when running as a remote client. Requires enabling security and enabling the security option for the user.</li> <li>● Reports supported in XC Client when running as remote client. Requires enabling security and enabling the security option for the user.</li> <li>● Transaction Lookup supported in XC Client when running as a remote client. Requires enabling security and enabling the security option for the user.</li> <li>● Receipts print in Merchant Copy/Customer Copy order if configured to automatically print two or more copies.</li> <li>● Pre-Authorization receipts now print with tip line and total line.</li> <li>● Force, Adjustment, and Void searches at a client are no longer limited to transaction data in the open batch.</li> <li>● Gift Void search screen enhanced with new search options.</li> <li>● General program speed enhancements.</li> <li>● New Credit Card Swipe Delay option allows modification of the delay before X-Charge processes a credit card swipe.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>● Transaction requests now processed in order of creation, independent of the transaction folder in which they are created.</li> <li>● Default track number set back to track 1 in support of international cards.</li> <li>● Accepts ZIP codes with a dash, such as 12345-1234.</li> </ul>
Checks, Enhancement	<ul style="list-style-type: none"> <li>● Unused check verification types removed from setup – JBS, Global Checks MICR, Scan Drivers License, Scan Full MICR, Scan Partial MICR, Telecredit, and World Check.</li> </ul>

**6.0 Release 1**  
02/03/2006

Area	Description
Reports, Enhancement	<ul style="list-style-type: none"> <li>• New 'Hide Partial Reversals' option in GPN Transaction Detail report. When enabled, partial reversals are hidden and the force amount is displayed with the partial reversal amount.</li> <li>• Settlement Report sums Total amount for all credit card and debit transactions.</li> <li>• Batch Total calculated for GPN Partial Reversal transactions in Transaction Detail report.</li> <li>• Batch Total amount not displayed in GPN Transaction Detail report for Pre-Auths or declined transactions.</li> <li>• New report scheduling option in the X-Charge Server.</li> <li>• X-Charge reports can now be automated by starting XCharge.exe with specific command line parameters.</li> </ul>
Other Integration, Enhancement	<ul style="list-style-type: none"> <li>• Added support for PCCharge .INP/.OUT request files.</li> <li>• Added support for CA (Food authorize) request file format.</li> <li>• Added support for CT (Food add tip – force) request file format.</li> <li>• Added support for new settlement request file.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>• Fixed issue with invalid CVV result code.</li> <li>• Fixed 6.0 beta range check error caused when two duplicate pre-auth and pre-auth completions are executed. Affected 6.0 beta only.</li> <li>• Fixed 6.0 beta INV AMT MATCH error caused when a partial reversal fails and XC attempts to void and reissue the pre-auth completion. Affected 6.0 beta only.</li> <li>• Fixed Error that occurred during Windows shutdown when X-Charge was still running.</li> <li>• Fixed issue which caused transactions to be rejected by some Banks for swiped transactions.</li> </ul>
Debit Cards, Bug Fix	<ul style="list-style-type: none"> <li>• Removed debit void support.</li> </ul>

**5.0 Release 6**  
10/07/2005

Area	Description
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>• Fixed issue with multiple Merchant IDs on separate Bank IDs being forced to share the default MIDs Bank ID.</li> <li>• Fixed issue causing XC_REPORT request files to always return report data for the default Concord Store ID.</li> <li>• Made a modification to help avoid additional locking issues between the X-Charge Server and other programs attempting to print.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>• Fixed issue causing GPN CC Totals By Day debit amount to not print on 40 column reports.</li> </ul>

**5.0 Release 5**  
08/02/2005

Area	Description
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed GPN reporting issue affecting totals, caused when partial reversals are declined but still have a 006 approval code.</li> </ul>

**5.0 Release 4**  
07/25/2005

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Credit card number masked in all report, search, and lookup screens.</li> <li>Security option added to disable masking credit card number in GPN Item Detail report.</li> <li>Account numbers in local EFSNet tran files are now encrypted.</li> <li>The transaction backup files are now encrypted for security.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Receipts printed with "(Debit)" after card type if a debit transaction.</li> <li>Support for non-default short date format and date separator settings in Regional Options.</li> </ul>
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Pre-Auth completion used to complete Force transactions. Force transaction still used for voice authorizations (when a previous matching pre-auth is not located).</li> </ul>
Documentation, Enhancement	<ul style="list-style-type: none"> <li>Release notes now included with X-Charge installations.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed "Invalid Credit Card Number" error when processing debit transactions with the XC client program.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed GPN modem communication issue resulting in declined messages such as "000050715165429 OK".</li> <li>Fixed VPN connection problem that caused XC to prompt for port number.</li> </ul>
Reports, Bug Fix	<ul style="list-style-type: none"> <li>Fixed GPN Transaction Detail Report sorting issue.</li> </ul>

**5.0 Release 3**  
06/27/2005

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Added support for the new Global Gateway SSL certificate.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>X-Charge now detects duplicate force transactions (same account/approval#) in the same batch and voids the first Force transaction before processing the second force transaction.</li> <li>X-Charge will not attempt a partial reversal (if applicable) if the Force transaction fails.</li> </ul>
Reports, Enhancement	<ul style="list-style-type: none"> <li>Credit card transaction lookup screen enhanced with new search feature.</li> </ul>
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Fixed bug in parsing of swipe data to better handle malformed swipes.</li> </ul>

**5.0 Release 3**  
06/27/2005

Area	Description
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed Gateway primary and secondary URL that would prevent roll over to the secondary address if an error occurred while connecting to the primary address.</li> <li>Fixed HDACom issue causing corrupted merchant data to occasionally be written to the transaction file on Void transactions.</li> <li>Fixed issue where voids failed if the receipt field contained option register information (&lt;REGISTER&gt;-&lt;RECEIPTNO&gt;).</li> <li>Fixed void request file issue which caused X-Charge to not find the debit transaction to void.</li> </ul>

**5.0 Release 2**  
04/08/2005

Area	Description
X-Charge Client, Enhancement	<ul style="list-style-type: none"> <li>Added support for multiple transaction folders.</li> <li>Added support for Windows XP themes.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Enhanced logic that keeps more than one server from running at once, now works across Terminal Services sessions.</li> </ul>
X-Charge Client, Bug Fix	<ul style="list-style-type: none"> <li>Fixed Access Violation that occurred when starting X-Charge when the registry key HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run was empty.</li> </ul>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"> <li>Fixed issue that would prevent the X-Charge Server from shutting down when selecting 'Exit' from the right-click system tray menu.</li> <li>Fixed issue where Offline Mode answer files were formatted incorrectly. Offline Mode now returns transaction as approved, formatted as "YApprovedOffline".</li> <li>Fixed XC_REPORT answer file problem. The first line is now followed by a &lt;CR&gt;&lt;LF&gt; instead of &lt;LF&gt;&lt;CR&gt;.</li> </ul>

**5.0 Release 1**  
03/08/2005

Area	Description
Security, Enhancement	<ul style="list-style-type: none"> <li>Transaction files converted to new format. Additional information is now stored and CC numbers are encrypted in the transaction file.</li> <li>Offline Mode data is now encrypted.</li> </ul>
X-Charge Server, Enhancement	<ul style="list-style-type: none"> <li>Global multiple merchant support based on transaction folders.</li> <li>Global Void, report, lookup, and settle by Merchant ID.</li> <li>Out of order item numbers caused by incorrect timestamp returned from Global is now handled in X-Charge to allow correct sorting for reporting.</li> </ul>
Credit Cards, Enhancement	<ul style="list-style-type: none"> <li>Force of VISA Pre-Auth for amount less than original pre-auth Forces the transaction for the original Pre-Auth amount and performs a Partial Reversal to the new Force amount.</li> </ul>

**5.0 Release 1**  
03/08/2005

<b>Area</b>	<b>Description</b>
X-Charge Server, Bug Fix	<ul style="list-style-type: none"><li>● Force transaction sends data correctly linking it to the original Pre-Auth transaction.</li><li>● "000000" approval code on declined transactions following a successful Debit transaction fixed (see out of order item number issue).</li><li>● Buffer overflow error fixed in HDACom.</li><li>● Multi-line batch request files no longer are renamed to *.bak file. Error file (*.err) now correctly created with declined transactions.</li></ul>