



 Release Notes & What's New

 ISS45 8.1.8.1-140



## ISS45 Release Notes

Date of Issue	Product ID Num.	Part Number	Brief Description
January 2005	45001/081	89000195	Initial Release
Other Releases: 89000233, 89000263, 89000263, 89000308, 89000308, 89000401, 89000417, 89000416, 89000480, 89000490, 89000508, 89000521, 89000532, 89000547, 89000573, 89000583, 89000587, 89000590, 89000613, 89000641, 89000658, 89000683, 89000692, 89000693, 89000712, 89000720, 89000734, 89000737, 89000740, 89000747, 89000748, 89000758, 89000767, 89000782, 89000791, 89000792, 89000793, 89000794, 89000796, 89000812, 89000815, 89000822, 89000825, 89000854, 89000861, 89000862, 89000863, 89000872, 89000873			
September 2016	45001/081	89000877	8.1.8.1-050 Release
December 2016	45001/081	89000887	8.1.8.1-060 Release
April 2017	45001/081	89000888	8.1.8.1-070 Release
June 2017	45001/081	89000889	8.1.8.1-080 Release
August 2017	45001/081	89000890	8.1.8.1-090 Release
September 2017	45001/081	89000893	8.1.8.1-100 Release
December 2017	45001/081	89000894	8.1.8.1-110 Release
March 2018	45001/081	89000903	8.1.8.1-120 Release
March 2018	45001/081	89000904	8.1.8.1-120 Release (Updated)
July 2018	45001/081	89000930	8.1.8.1-130
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# Introduction

Enhancements were recently made to the ISS45 system. The changes are reflected in the accompanying ISS45 8.1.8.1-140 software. The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading.

The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading. Following the change description is an abbreviation (or combination thereof) of the ISS45 area affected:

(FO) – Front Office

(POS) – WinPOS

(Fuel) – ISS45 Fuel

(Sys) – System / Services

(SSCO) – Self-Service Check-Out

These enhancements are explained in detail in the following pages and are not included in the latest Office Users Guide, WinPOS User Guide or Office Administrator's Reference. If you have any questions regarding this release, please contact NCR Support.

# **ISS45-1185 – SmartCard WIC SFTP communication support using the current mechanism**

Support for the SmartCard WIC SFTP implementation include the following improvements:

**ISS45-1232 - Electronic WIC State Maintenance: Add SFTP as an option to the Communication Type**

**ISS45-1252 - SmartCard WIC SFTP: Support the LA WIC template in the SWFTP.DAT**

**ISS45-1301 - SmartCard WIC SFTP ability to Activate Host Key during set up**

**ISS45-1335 - New SWFTP file for V4**

**ISS45-1365 - Version 4 WIC files need to be cleaned from FTP and from the State folders**

To keep with the mandate of having a secure FTP communication the WICCOMM.BAT, SWFTP.dat and SWSCRPT8.exe were modified with the addition of the WinSCP.com and WinSCP.exe. The WinSCP.com and WinSCP.exe is a third-party application that will run the SFTP script.

A new option was added to the state maintenance application to support the SFTP while maintaining the support of the existing FTP and HTTP. The existing FTP will function until the credentials are upgraded to the SFTP.

When setting up the State communication to support the SFTP, the SFTP Server Name will be a host address instead of an IP address. The User Name and Password will still be required. An additional Activation Key has been added and will need activated with initial set up. This will allow the WinSCP.com to communicate to the SFTP. If this is not Activated, communications will not occur to SFTP site.

The screenshot shows a configuration window with two tabs: "General" and "Communication". The "Communication" tab is active. It contains the following fields and controls:

- Communication Type:** A dropdown menu with "SFTP" selected. The dropdown list also shows "FTP" and "HTTP".
- Activate Host Key:** A button located to the right of the Communication Type dropdown.
- SFTP Server Name:** A text input field.
- SFTP Username:** A text input field.
- SFTP Password:** A text input field.

At the bottom of the window, there are navigation buttons (back, forward, etc.) and three main action buttons: "OK", "Cancel", and "Apply".

To maintain the version 2 and version 4 SmartCard WIC templates, a new SWFTPv4.dat file was created. The version 2 support will continue to be maintained in the SWFTP.dat and any new version 4 SmartCard WIC will be maintained in the SWFTPv4.dat. When new states implement SmartCard WIC, the SWFTP.dat or the SMFTPv4.dat file may need modified.

Louisiana has been certified with version 2 SmartCard WIC. The SWFTP.dat has been modified to add the correct template.

**NOTE:** For Louisiana stores which previously Activated Host Key, will need to activate again after running the patch. This will be a one-time reactivation due to the patch.

# ISS45-1189 – SmartCard WIC support for Version 4 WIC specifications

Support for Version 4 SmartCard WIC implementation includes the following improvements:

**ISS45-1194 - Claim, Recon, APL, HCL, ERROR/ACK file naming convention support Base 36**

**ISS45-1197 - Adding option for v4 files while preserving the V2 support**

**ISS45-1336 - Add new EBT\_WIC36 field in swscrt8.exe**

**ISS45-1348 - Process \*.KXX files in V4 WIC implementation**

To keep with the mandate to support Version 4 SmartCard WIC, there were some updates to the Claim, Reconciliation and Acknowledgement files including the naming convention of the files. The files will now support a Base 36 naming convention. This information comes from the *WIC EBT Technical Implementation Guide 2018*.

The File name shall be a standard 8.3 composition with a maximum of eight characters, followed by a period, followed by a three-character file extension, e.g., XXXXXXXX.XXX.

Base 36 values shall be used to identify specific File name values. See Table 11 for a table converting Decimal numeric values to Base 36 alphanumeric values. To convert larger decimal (Base 10) values to Base 36, conversion tools are available at <http://www.unitconversion.org>.

Table 11 Base 36 conversion

Decimal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Base 36	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H
Decimal	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Base 36	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

File names shall be constructed using the File coding values shown in Table 12, where “t” indicates a Base 36 format.

**Table 12**File naming

Coding Value	Name	Description	Format
Record	PIC X(2)	1-2	M
AAA	Extraction tracking ID	A code assigned by the WIC State Agency to identify the extraction file	t 3
FFF	Claim submission tracking ID	A value assigned by the WIC State Agency to track a claim submission file; may be used by the WIC State Agency to support optional features.	t 3
FFFF	WIC Vendor ID	A value assigned by the WIC State Agency to track a file; may be used by the WIC State Agency to support optional features. See section 4.6 f) of the EBT Operating Rules for vendor ID limitations.	an 4
FFFFFFF	Auto-reconciliation File name	First 8 characters of the associated WIC State Agency Card Acceptor extraction claim file	a 8
HH	Hour of day	Two digit value representing the hour of the day, 00-24	n 2
M	Compression code	A code identifying the data compression method used for files. See A.10 for values.	an 1
MDYY	File date	Calendar month and day as base-36 values (January = 1, October = A; 2nd = 2, 12th = C) and last 2 digits of the calendar year expressed in the local date and time of the sender	MDYY, tn 4
MM	Minutes of hour	Two digit value representing the minutes of the hour, 00-59	n 2
NNNNNNNN	Original File name	First 8 characters of the referenced Claim submission or extraction file	an 8
see A.7 for values	File identifier code	A static value in the File name extension indicating an attribute of the file	a1
XX	Suffix value	A value in the File name extension used to uniquely identify the file for any ordinal date in the Base 36 range of “00” to “ZZ”. Unique for each file derived from the identified forwarding institution’s claim submission for the day.	t 2

Using the File naming conventions, the File names defined for WIC EBT processing are:

- a) MFFFMDYY.TXX (Claim submission file). A file submitted in the compression format indicated by the forwarding institution and containing one or more WIC Extraction files.

b) MAAAMDYY.CXX (Extraction file). A WIC claim file extracted by the WIC State Agency from the compressed WIC claim file in a Transaction-only, Aggregate or single WIC claim file.

c) FFFFYJJJ.SXX (Card acceptor claim file). A file created by the WIC State Agency or their agent for each Card acceptor in an extracted Transaction-only or Aggregate WIC claim file. *Note: This is an internal file used by the State agency or its processor.*

d) NNNNNNNN.?XX (Acknowledgment file). A file created by the WIC State Agency or their agent in response to a file received from the forwarding institution where “?” indicates the *File identifier code* (see A.7 for values).

e) FFFFFFFF.AXX (Auto-réconciliation file). A file created by the WIC State Agency to provide for reconciliation of the claim files submitted by the WIC Vendor.

f) MDYYHHMM.XXX (APL or HCL file). A UPC/PLU store file (APL) or Hot Card List file created by the WIC State Agency.

The SWSCRPT8.exe has been modified to interpret the EBT ID in the base 36 naming convention. This has been carried through the WICComm.bat script.

Acknowledgement files have taken the place of Error files for version 4 WIC. Acknowledgement files will be in the base 36 naming convention with the extension of .KXX where XX is the sequence number. When the acknowledgement file is returned with a D7 record in the file the file will process and log the errors. The process is similar to the processing of the version 2 .EXX files.

## ISS45-1209 - Certification of Loyalty Pro version 10.6 (LPE) with LMS 10.4 and 10.6

ISS45 8.1.8.1-140 has been certified with Loyalty Pro version 10.6 in this release.

**NOTE:**

LPE and Loyalty Production (LMS) are backwards compatible to 3 versions. A jump to 10.6 LPE with a LMS version of 10.1 is NOT compatible. To remain compliant and maintain supported versions of “Loyalty” an upgrade of both LPE and LMS are required.

Customers running LMS version 10.4 can upgrade to ISS45 with LPE 10.6.

Customers wanting to upgrade to 10.6 LPE and 10.6 LMS should contact their NCR SE for support and PS estimates for the LMS production upgrade estimations.

## ISS45-1264 - PLU Audit Report Shows the existing PLU values on the Upd Old line

This improvement was done to allow more data to display on the PLU Audit Report. Setting the new General System Parameter option to 'Yes' will display the original PLU values on the Upd Old record and will display the original PLU values and the changed values on the Upd New record. The New and Deleted PLU record will display all the field details. Keeping the option default to 'No' will only display the PLU values that have changed.

### Front Office

#### New Parameter

As part of the new feature, the following General System Parameters have been established in the Store\Front Office\PLU and Batch\PLU options\Auditing.

Parameter	Explanation
Full Detail on PLU Audit Report Default value: No	If set to yes PLU Audit Report will show all the existing field values on the Upd Old line if it is not changed. If set to No, it will only show changed fields and the rest of the fields will be 0.

Audit Report - PLU Changes																											
KeithMart																											
Branch 1201																											
Date:																											
PLU Number	PLU Name	Dep	Internal Number	Price	Unit / Case	Cost / Case	Frequent Shopper	Return Types	Disc.	Flags	Tax	User	Time														
Qty.	Type	Value	Disc.	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9				
Upd Old	4030	Kiwil	10	0	.99	2	500	150.00	0	0	0	0	0	0	101	0000	0000	0000	0000	0000	0000	0000	0000	111	12:37:25		
Upd New	4030	Ripe Kiwi	12	0	.79	2	500	123.00	0	0	0	0	0	0	111	0000	0000	0000	0000	0000	0000	0000	0000	111	12:37:40		
Insert	4444	Local Corn	15	0	.88	1	200	144.00	0	0	0	0	0	0	110	1100	0000	0000	0000	0000	0000	0000	0000	111	12:44:15		
Delete	2100065521	Mac N Cheese	02	0	1.49	1	150	375.00	0	0	0	0	0	0	101	00100	0000	0000	0000	0000	0000	0000	100	1100	0	111	12:52:34
Inserted:	1.00																										
Updated:	1.00																										
Deleted:	1.00																										

NOTE: When enabling the option to maintain all the changes, it will cause the data table to become large.

## ISS45-1274 – MTX dll versions

The updated MTX dll versions of Connected Payments and WinEPS are in this release of ISS45.

- This release was validated with the following Connected Payments and WinEPS dlls.

### Connected Payments:

**Verifone:** Gold 38

MTX\_POS.dll 828.7.0.21

MTX\_EPS.dll 828.7.21.82

**Equinox:** Gold 17

MTX\_POS.dll 829.2.0.17

MTX\_EPS.dll 829.2.21.69

**WinEPS:**

MTX\_POS.dll 828.1.1.207

MTX\_EPS.dll 828.1.1.372

MTX\_POS\_CPMX.dll 828.7.0.21

MTX\_POS\_CPEQ.dll 829.2.0.17

MTX_POS_WinEPS.dll	828.1.1.207
MTX_POS_EMPTY.dll	No version

## ISS45-1275 – Windows Updates

The latest Windows Updates have been tested and applied in this release of the ISS45.

- This release was tested with the available Windows Updates applied 9/18/2018.

MFS1 – Nobilis – Windows 7 Professional SP1

POS – NCR RP60 – POSReady 7 SP1



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