



Terminal Compliance Matrix

Version 15.0
February 15, 2010

TSYS Acquiring Solutions® Class A applications and PIN Entry Device (PED) overview

The TSYS Acquiring Solutions Class A applications matrix provides a summary of the TSYS Acquiring Solutions Class A applications that support recent enhancements which will enable your merchants to be compliant with operational and interchange mandates.

This matrix also includes information about our support for Payment Card Industry (PCI)-compliant Personal Identification Number (PIN) entry devices. Clients should use this information to ensure they are using only PCI-compliant PIN entry devices by July 1, 2010, to meet card brand mandates.

For both the Class A applications' pages and the PED page, the currently supported applications and PEDs are listed under the yellow table headings; the new replacement applications and PEDs are listed under the green table headings.

Revision history

This version of the compliance matrix has several changes from version 14.0, which was released on December 1, 2009. The changes are reflected below, and should help you make a more informed decision about which terminal types and applications best fit your future plans.

Section	Table number	Revision(s)
Hypercom®	5	<ul style="list-style-type: none"> The FD application, which was retired on January 31, 2010, has been added to the Retirement table. It will also remain on this active application table until the new RR/DRR replacement application is available. Applications that were retired on October 31, 2009, have been removed from this table.
Nurit	6	Applications that were retired on October 31, 2009, have been removed from this table.
Omni™	7	<ul style="list-style-type: none"> The new version of application VSVR046 became available on January 28, 2010. This updated version supports all of the features listed on the matrix except Discover Cash Over. Applications that were retired on October 31, 2009, have been removed from this table.
Zon Jr / XL300	9	Applications that were retired on October 31, 2009, have been removed from this table.
Ingenico / Datacard	10	Applications that were retired on October 31, 2009, have been removed from this table.
Thales	n/a	The Thales table has been removed from the matrix. TSYS Acquiring retired all Thales terminals and applications in 2008.
PCI PED Hardware	11	This table is renumbered to table 11 (from table 12) with the removal of the Thales table.
Retired applications	12	This table is renumbered to table 12 (from table 13) with the removal of the Thales table.

Table 1 Changes from prior matrix version

Class A applications

Tables 5-10 in this document provide a summary of the TSYS Acquiring Solutions Class A applications that support the new enhancements which will enable your merchants to be compliant with operational and interchange mandates, including support for partial approval, full and partial reversals, balance inquiry and balance response, Discover “Cash Over,” and the ability to store all major card brand card ranges. These tables will allow you to determine the most appropriate application for your merchants to comply with the latest enhancements and mandates.

For Class A applications, where the current application and replacement application names are the same, the new version is indicated in the “Recommended compliant replacement” column. In addition, the current application name may have a “download after [date]” indicated. If the application was downloaded on or after that date, the application is current with the features under the yellow headings, and may be compliant with the features under the green heading if so indicated by the “Recommended Compliant Replacement” column notes. If the application was last downloaded prior to the “download after” date, the application is retired and should be updated to the current version.

Table 2 below explains how to interpret the information provided in tables 5-11.

Column number and name	Column identified
Column 1: Terminal model	The device type of the terminal.
Column 2: Current application name	The application name in Express Merchant Boarding and Maintenance or in Merchant Management System (MMS).
Column 3: Platform	This column indicates if the application is terminal capture or host capture. <i>Note: This column is added to all tables for consistency purposes. It does not mean the vendor currently has or is developing host capture applications.</i>
Column 4: Supports merchant receipt truncation	Indicates if the current application is capable of supporting the feature identified in the column heading.
Column 5: Supports ALPC	
Column 6: Recommended compliant replacement	Indicates the replacement application that is needed to support the compliance features in columns 7 through 11.
Column 7: Download required	Identifies the type of download required to enable the recommended replacement application.

Column number and name	Column identified
Column 8: Supports partial approval	Indicates if the recommended replacement application supports the features identified in these column headings.
Column 9: Supports full and partial authorization reversals.	
Column 10: Supports balance inquiry and unsolicited receipt of the available balance	
Column 11: Supports Discover “Cash Over” feature, allowing cardholder to obtain cash in addition to a purchased item.	
Column 12: Supports storing of all card brand card account ranges in the application.	
Column 13: Targeted available date.	The anticipated date when the replacement application will be available. <i>Note: The targeted available dates reflected in the table are anticipated dates. TSYS Acquiring Solutions will publish Product Announcements when the replacement devices are available for use.</i>

Table 2 Class A application column descriptors

PCI compliant PEDs

Table 11 in this document identifies the different PEDs supported by TSYS Acquiring Solutions, and their PCI compliant replacement. This table identifies both integrated devices (terminals with built in PIN Pads) and external PIN Pads. Table 3 below explains how to interpret the information provided in table 12.

Column number and name	Column identified
Column 1: Current product name	The name of the integrated terminal or external PIN Pad currently supported.
Column 2: Model number	The model number of the integrated terminal or external PIN Pad currently supported.
Column 3: PCI PED	Indicates if the PED complies with current PCI security standards.
Column 4: Accepts PCI compliant PIN Pad	This column identifies the PCI compliant external PIN Pad that can be used with the integrated terminal as an alternative to replacing a current non-compliant integrated terminal.
Column 5: Recommended Integrated PCI replacement	Identifies the recommended integrated replacement terminal that is PCI compliant.
Column 6: Integrated PCI replacement model number	The manufacturer’s model number of the PCI compliant integrated replacement device.

Column number and name	Column identified
Column 7: Targeted Availability	<p>The anticipated date when the recommended PCI compliant PED replacement will be available.</p> <p><i>Note: The targeted availability dates reflected in the table are anticipated dates. TSYS Acquiring Solutions will publish Product Announcements when the replacement devices are available for use.</i></p>

Table 3 PCI PED column descriptors

TSYS Acquiring Solutions currently supports VeriFone® and Hypercom external PIN pads. The VeriFone and Hypercom sections of the table list the manufacturer's integrated terminals first, with the external PIN Pads following the listing of integrated devices.

Note: To comply with PCI PED security standards, it is acceptable to use a PCI compliant external PIN Pad with a non-compliant integrated terminal, providing the devices are compatible and the integrated terminal can be programmed to use the external PIN Pad instead of the internal PIN Pad for capturing cardholder PINs. TSYS Acquiring Solutions Class A terminals do allow the use of a compatible external PIN Pad if it is listed in this document.

Retired applications

This table lists all of the retired applications that TSYS Acquiring Solutions has announced over the past several years, and their current replacement applications. This information is designed to enable clients to easily identify applications that are no longer supported in our suite of class A terminals. Table 4 below explains how to interpret the information in table 12.

Column number and name	Column identified
Column 1: Terminal Type	Identifies the hardware device for the application.
Column 2: Retired Application	Identifies the retired application.
Column 3: Retirement Date	<p>This is the date the application was retired.</p> <p>Where "If downloaded prior to..." is noted, it means the version of the application downloaded before that date is now retired, but a current version with the same application name is available.</p>
Column 4: Replacement Application	This is the current application that replaces the retired application.
Column 5: Replacement Application Available Date	<p>This column will indicate "available now" except in the rare instance where an application is retired before its designated replacement is available. In this case, the targeted date for the replacement application is identified.</p> <p>If the column is blank, there is no replacement application available for the retired application.</p>

Column number and name	Column identified
Column 6: Comments	This column provides additional information about the application or the terminal device.

Table 4 Retired applications column descriptors

Note: The Retired Applications section is not intended to identify specific compliance features or enhancements in the applications. For information about compliance features in the replacement applications, please refer to tables 5 through 11.

Please note the following items regarding retired applications:

- Retired applications must be replaced with the currently supported or recommended replacement to ensure compliance with the Federal law regarding cardholder receipt truncation, or possible state laws regarding merchant receipt truncation, or other card brand mandates.
- Retired applications can not be downloaded.

TSYS Acquiring Solutions® Terminal Compliance Matrix
Hypercom

Terminal model	Current application name	Platform	Supports merchant receipt truncation	Supports ALPC	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full & partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all card ranges	Targeted available date
T77 / T7E / T7P / T7Plus / T8	RR / DRR (Download after 11/14/2007)	Terminal Capture	Yes	Yes	RR / DRR (new version)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T77 / T7E / T7P	FD (Retiring 01/31/10)	Terminal Capture	Yes	No	RR / DRR (new version)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T77 / T7P / T7Plus (with 512k)	HTL / DHTL (Download after 11/04/2008)	Terminal Capture	Yes	Yes	HTL / DHTL (new version with 512k terminal)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T7Plus	T7DCCRR (Download after 09/08/2008)	Terminal Capture	Yes	Yes	T7DCCRR (new version)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T7P / T7Plus (with 512k)	SPOS* (Download after 02/25/2008)	Terminal Capture	Yes	Yes	RR / DRR (new version)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T42XX / M4230	SPOS32*	Terminal Capture	Yes	Yes	SPOS32* (new version)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
T7P/T7Plus		Host Capture			HCT7 (New application)	Full Download	Yes	Yes	Yes	No	Yes	1st Qtr 2010

* Application supports American Express Split-Dial

TSYS Acquiring Solutions® Terminal Compliance Matrix

Nurit

Note: A NOS upgrade to version 7.47 is required for all terminals using wireless or IP/SSL connections.

Terminal model	Current application name	Platform	Supports merchant receipt truncation	Supports ALPC	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full and partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all card ranges	Targeted available date
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MDNRRTL* single-merchant	Terminal Capture	Yes	Yes	MDNRRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MNURRTL* single-merchant	Terminal Capture	Yes	Yes	MNURRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MDNRRST* single-merchant	Terminal Capture	Yes	Yes	MDNRRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MNURRST* single-merchant	Terminal Capture	Yes	Yes	MNURRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
8000 / 8000 Secure / 8020	MDNRRTL single-merchant	Terminal Capture	Yes	Yes	MDNRRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
8000 / 8000 Secure / 8020	MNURRTL single-merchant	Terminal Capture	Yes	Yes	MNURRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
8000 / 8000 Secure / 8020	MDNRRST single-merchant	Terminal Capture	Yes	Yes	MDNRRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
8000 / 8000 Secure / 8020	MNURRST single-merchant	Terminal Capture	Yes	Yes	MNURRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MDNRRTL* multi-merchant	Terminal Capture	Yes	Yes	MDNRRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MNURRTL* multi-merchant	Terminal Capture	Yes	Yes	MNURRTL (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MDNRRST* multi-merchant	Terminal Capture	Yes	Yes	MDNRRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
2085 / 2085+ / 3010 / 3020 / 8100 / 8320 / 8400 / 8400L	MNURRST* multi-merchant	Terminal Capture	Yes	Yes	MNURRST (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010

* Application supports American Express Split Dial

TSYS Acquiring Solutions® Terminal Compliance Matrix
Omni

Terminal model	Current application name	Platform	Supports merchant receipt truncation	ALPC support	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full or partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all card ranges	Targeted available date
3740 / 3750 single merchant	UEVA291 (Retiring 10/31/10)	Terminal Capture	No	No	UEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3740 / 3750 single merchant	UEVA300*	Terminal Capture	No	Yes	UEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3740 / 3750 multi-merchant	UEVA291 (Retiring 10/31/10)	Terminal Capture	Yes	No	UEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3740 / 3750 multi-merchant	UEVA300*	Terminal Capture	Yes	Yes	UEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3730 / 3730LE / Vx510 / Vx510LE / Vx570 single merchant	SEVA291 (Retiring 10/31/10)	Terminal Capture	No	No	SEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3730 / 3730LE / Vx510 / Vx510LE / Vx570 / Vx610 / Vx670 single merchant	SEVA300*	Terminal Capture	No	Yes	SEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3730 / 3730LE / Vx510 / Vx510LE / Vx570 multi-merchant	SEVA291 (Retiring 10/31/10)	Terminal Capture	Yes	No	SEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
3730 / 3730LE / Vx510 / Vx510LE / Vx570 multi-merchant	SEVA300*	Terminal Capture	Yes	Yes	SEVA320*	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
395 / 396 / 470 / 3200 / 3210	VSVR035 (Retired 10/31/09)	Terminal Capture	No	No	VSVR046 (new application version, 396/3200 series only)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
396 / 3200 / 3200SE / 3210 / 3210SE	VSVR046 (download after 01/28/10)	Terminal Capture	Yes	Yes	VSVR046 (current version)	Full download	Yes	Yes	Yes	No	Yes	Available now

TSYS Acquiring Solutions® Terminal Compliance Matrix
Omni

Terminal model	Current application name	Platform	Supports merchant receipt truncation	ALPC support	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full or partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all card ranges	Targeted available date
3740 / 3750 single merchant	HC37XX	Host Capture	Yes	Yes	HC37XX (New application version)	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
Vx510 / Vx510LE / Vx570 / Vx610 / Vx670 single merchant	HCVX	Host Capture	Yes	Yes	HCVX (New application version)	Full download	Yes	Yes	Yes	Yes	Yes	1st Qtr 2010
* Application supports American Express Split Dial												
<p>Note: OMNI 3300 and OMNI 3350 terminals were retired on October 19, 2008. Clients using these terminal types should obtain another terminal device capable of using our current applications. For more information, please refer to the September 19, 2008, Information Bulletin, No 08, Volume EMS08, titled <i>Update: 2008 Enhancements for POS Terminals and Class A Applications</i>.</p> <p>Verifone 395 and 470 terminal models were retired on 10/31/2009. Merchants using these devices should obtain another supported device capable of using our current applications. For more information, refer to the July 31, 2009 Information Bulletin, No 03, Volume EMS09, titled: <i>Update: Scheduled retirement for POS Terminals and Class A Applications</i>.</p>												

TSYS Acquiring Solutions® Terminal Compliance Matrix
Tranz

Terminal model	Current application name	Platform	Supports merchant receipt truncation	Supports ALPC	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full & partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all Card Ranges	Targeted available date
460	VT46DA4 (download after 10/31/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
380	VT13DA9 (download after 11/09/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
380	VT1H386 (Download after 11/14/2007)	Terminal Capture	Yes	Yes	VT1H386 (new version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
380	VT13QC1 (Download after 01/20/2008)	Terminal Capture	Yes	Yes	New application - TSYS01	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330	VT1TP08 (Download after 08/17/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330	VT1TPA7 (Download after 08/17/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330	VT1TPH6 (Download after 10/07/2009)	Terminal Capture	Yes	Yes	VT1TPH6 (current version)	Full download	Yes	Yes	Yes	No	Yes	Available now
330	VT1CD02 (Download after 10/31/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330 Track I	VT1DB01 (Download after 11/14/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330 Track II	VSTDB01 (Download after 11/14/2007)	Terminal Capture	Yes	Yes	TSYS01 - new application	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330 Track I	HCT330	Host Capture	Yes	Yes	HCT330 (New application version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
330 Track II	HCT330	Host Capture	Yes	Yes	HCT330 (New application version)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010

TSYS Acquiring Solutions® Terminal Compliance Matrix
Tranz

Terminal model	Current application name	Platform	Supports merchant receipt truncation	Supports ALPC	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full & partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all Card Ranges	Targeted available date
380		Host Capture			HCTRANZ (New application)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
460		Host Capture			HCTRANZ (New application)	Full download	Yes	Yes	Yes	No	Yes	1st Qtr 2010
* Application supports American Express Split Dial												

TSYS Acquiring Solutions® Terminal Compliance Matrix
Zon Jr XL300

Terminal model	Current application name	Platform	Supports merchant receipt truncation	ALPC support	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full & partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all Card Ranges	Targeted available date
Zon Jr XL / XL 300	VXP0P17	Terminal capture	No	No	New terminal and application	Full download	Dependent on terminal and application selected					N/A
* Application supports Amercian Express Split Dial												

TSYS Acquiring Solutions® Terminal Compliance Matrix
 Ingenico - DataCard

Terminal model	Current application name	Platform	Supports merchant receipt truncation	ALPC support	Recommended compliant replacement	Download type required	Supports Partial Approval	Supports Reversals (full & partial)	Supports Balance Inquiry & Response	Supports Discover Cash-Over	Supports all Card Ranges	Targeted available date
Ingenico terminals are not currently supported	N/A				New terminal and application.	Full download	Dependent on terminal and application selected				N/A	
DataCard terminals are not currently supported	N/A				New terminal and application.	Full download	Dependent on terminal and application selected				N/A	

* Application supports Amercian Express Split Dial

TSYS Acquiring Solutions® Terminal Compliance Matrix
PCI PED Hardware

Current Product Name	Model Number	PCI PED?	PCI-Compliant Peripheral PIN Pad	Recommended Integrated PCI Replacement	Integrated PCI Replacement Model Number	Targeted Availability
VeriFone Terminals						
NURIT 2085-03, Dial	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	NURIT 8400-M11	8400-US-M11-BLU (dial)	Currently Available
NURIT 2085-04, Dial, with PIN Pad	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	NURIT 8400-M11	8400-US-M11-BLU (dial)	Currently Available
NURIT 3010-10 Mobitex	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	NURIT 8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 3010-12 Motient	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	NURIT 8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 3020-22 Dial	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	NURIT 8400-M11	8400-US-M11-BLU (dial)	Currently Available
NURIT 8000-01 Mobitex	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 8000-03 Motient	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 8010-M11 (GPRS)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 8010-Mxx (Mobitex)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 8010-M12 (Motient)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8020-M11 (GPRS)	8020-US-M11-BLU (GPRS)	Currently Available
NURIT 8100-11(Ethernet/Dial)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8400-M43	8400-US-M43-BLU (Eth)	Currently Available
NURIT 8320-M11 (Multi App)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8400-M43	8400-US-M43-BLU (Eth)	Currently Available
NURIT 8320-M12 (Multi App & Smart Card)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8400-M43	8400-US-M43-BLU (Eth)	Currently Available
NURIT 8320-M13 (Multi App & SC & UPS)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8400-M43	8400-US-M43-BLU (Eth)	Currently Available
NURIT 8320-M43 (Dual Comm)	any model	N	Verifone PCI 1000SE or the Hypercom PV1310	8400-M43	8400-US-M43-BLU (Eth)	Currently Available
Omni 3730, 2MF/1M 14.4K PP	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx510	M251-000-33-NAA	Currently Available
Omni 3730LE, 2MF/1M14.4K PPLE	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx510LE	M251-000-33-NAB	Currently Available
Omni 3740,US1 IPP/2MF/2M HS	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx570	M257-000-02-NAA, dial only	Currently Available

TSYS Acquiring Solutions® Terminal Compliance Matrix
PCI PED Hardware

Current Product Name	Model Number	PCI PED?	PCI-Compliant Peripheral PIN Pad	Recommended Integrated PCI Replacement	Integrated PCI Replacement Model Number	Targeted Availability
Omni 3740,US1 IPP/2MF/2M HS10BT	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx570	M257-050-02-NAA	Currently Available
Omni 3750,US1 2MF/2M HS with SC	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx570	M257-503-02-NAA, dial only with smart card	Currently Available
Omni 3750,CA1 2MF/2M HS10BT	any model	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx570	M257-556-02-NAA	Currently Available
Vx510,2MF/1M 14.4k PP	M251-000-03-NA1	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx510	M251-000-33-NAA	Currently Available
Vx510, 2MF/1M 14.4k PPLE	M251-000-03-NA2	N	VeriFone PCI PP1000SE, or Hypercom PV1310	Vx510LE	M251-000-33-NAB	Currently Available
Vx510	M251-000-33-NAA	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			
Vx510LE	M251-000-33-NAB	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			
Vx570	M257-000-02-NAA	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			
Vx570	M257-050-02-NAA	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			
Vx570	M257-503-02-NAA	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			
Vx570	M257-556-02-NAA	Y	VeriFone PCI PP1000SE, or Hypercom PV1310			

VeriFone PIN Pads

PINpad 1000SE	P003-170-02 (P003-160-02 non PED)	N		PP 1000SE	P003-180-02	Currently Available
NURIT 222 PIN Pad	0222-US-M11-GRY	N		PP 1000SE	P003-180-02	Currently Available
NURIT 292 PIN Pad	0292-US-M11-GRY	N		PP 1000SE	P003-180-03	Currently Available

TSYS Acquiring Solutions® Terminal Compliance Matrix
PCI PED Hardware

Current Product Name	Model Number	PCI PED?	PCI-Compliant Peripheral PIN Pad	Recommended Integrated PCI Replacement	Integrated PCI Replacement Model Number	Targeted Availability
Hypercom Terminals						
T77 (no internal PIN pad)	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
T7E (no internal PIN pad)	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
T7P (no internal PIN pad)	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
T7 Plus (no internal PIN pad)	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
T8 (no internal PIN pad)	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
ICE5500	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
ICE5500PLUS	any model	N	Hypercom P1300, S9PCI	T4205 and T4210 (dial) T4220 (IP)	T4210 = 010332-311R T4220 = 010332-306R	Currently Available
Hypercom PIN Pads						
PIN Pad S8	any model	N		PIN Pad P1300	P1300-010248-001	Currently Available
				S9PCI	PP S9PCI-010340-003R	Currently Available
PIN Pad S9	any model	N	6	PIN Pad P1300	P1300-010248-001	Currently Available
				S9PCI	PP S9PCI-010340-003R	Currently Available
PIN Pad P1300	010248-001	Y				
Hypercom PV1310	010248-010	Y				
S9PCI	010340-003R	Y				

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Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
HYPERCOM RETIRED APPLICATIONS					
CNTR CASHIER FD	CCF	10/23/2006	N/A		New terminal type and application required.
CNTR CASHIER RR	CCR	10/23/2006	N/A		New terminal type and application required.
CNTR CASHIER RR	DCCR	10/23/2006	N/A		New terminal type and application required.
STACK M	SM	10/23/2006	N/A		New terminal type and application required.
T7P w/CCFD	CCF	10/23/2006	N/A		New terminal type and application required.
T7P w/CCR	CCR	10/23/2006	N/A		New terminal type and application required.
T7P w/CCR	DCCR	10/23/2006	N/A		New terminal type and application required.
T7P w/STACK M	SM	10/23/2006	N/A		New terminal type and application required.
T7 / T7Plus	RR / DRR	If downloaded prior to 11/14/2007	RR / DRR	Available now	New application version with same name
T7 / T7Plus	RRB / DRRB	08/26/2006	SPOS	Available now	
T7 / T7Plus	RRS / DRRS	08/26/2006	SPOS	Available now	
T7 / T7Plus	SPOS	If downloaded prior to 02/25/2008	SPOS	Available now	New application version with same name
ICE 5000	DICE / ICE	07/21/2006	N/A		New terminal type and application required.
T77 / T7E / T7P / T8	RRMM / DRRMM / RRMM-M / DRRMM-M	10/31/2009	SPOS32	Available now	SPOS32 requires a T42xx, M4230 terminal.
T77 / T7E / T7P / T7Plus / T8	DRR512K / RR512K	10/31/09	RR / DRR	Available now	
T77 / T7E / T7P	FD	01/31/10	RR / DRR (new version)	1st Qtr 2010	
ICE 5500, ICE 5500 Plus	ICERR / DICERR	10/31/2009	N/A		New terminal type and application required.
ICE 5500 EMV	ICEEMV / DICEEMV	10/31/2009	N/A		New terminal type and application required.
VERIFONE NURIT RETIRED APPLICATIONS					
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	MDLPRTL	09/28/2008	MDNRRTL	Available now	

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Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	MDLPRST	09/28/2008	MDNRRST	Available now	
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	MLIPRTL	09/28/2008	MNURRTL	Available now	
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	MLIPRST	09/28/2008	MNURRST	Available now	
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	LIPRST	10/31/2009	MNURRST	Available now	Requires minimum Nurit Operating System (NOS) of 7.xx
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	DLIPRST	10/31/2009	MDNRRST	Available now	Requires minimum Nurit Operating System (NOS) of 7.xx
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	LIPRTL	10/31/2009	MNURRTL	Available now	Requires minimum Nurit Operating System (NOS) of 7.xx
2085 / 2085+ / 3010 / 3020 / 8000+ / 8000 Secure / 8010+ / 8320+	DLIPRTL	10/31/2009	MDNRRTL	Available now	Requires minimum Nurit Operating System (NOS) of 7.xx
VERIFONE OMNI RETIRED APPLICATIONS					
The OMNI 3300 and OMNI 3350 terminals were retired on 10/19/2008. The OMNI 395 and OMNI 470 terminals were retired on 10/31/2009. Merchants using these terminal types will need to obtain new supported terminals.					
3300 / 3350	any	10/19/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
3300 / 3350	any	10/19/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
3300 / 3350	any	10/19/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
3300 / 3350	any	10/19/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
395 / 470	any	10/31/09	N/A		Merchants using these devices must obtain a new supported terminal type and application.

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Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
3300 / 3350	UEVA291	10/19/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
395 / 396 / 470 / 3200 / 3210	VSR021	10/26/2006	VSVR046	Available now	
395 / 396 / 470 / 3200 / 3210	VSVR022	10/26/2006	VSVR046	Available now	
395 / 396 / 470 / 3200 / 3200SE / 3210 / 3210SE	VSVR046	If downloaded prior to 10/31/2007	VSVR046	Available now	New application version with same name
3300 / 3350	OMCHK01	09/04/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
3740 / 3750	OMCHK01	09/04/2008	OMCHK02	Available now	OMCHK02 will be retired on 10/31/2009 with no replacement.
3730 / 3730LE / Vx510 / Vx510LE / Vx570	VXCHK01	09/04/2008	VXCHK02	Available now	VXCHK02 will be retired on 10/31/2009 with no replacement.
3300 / 3350	OMGFT01	09/28/2008	N/A		Merchants using these devices must obtain a new supported terminal type and application.
3740 / 3750	OMGFT01	09/28/2008	OMGFT02	Available now	
3730 / 3730LE / Vx510 / Vx510LE / Vx570	VXGFT01	09/28/2008	VXGFT02	Available now	
3730 / 3730LE / Vx510 / Vx510LE / Vx570	VXCHK02	10/31/2009	N/A		TSYS no longer supports POS check applications
3740 / 3750	OMGFT02	10/31/2009	N/A		TSYS no longer supports POS check applications
3740 / 3750	UEVA231	10/31/2009	UEVA300	Available now	
3740 / 3750	UEVA271	10/31/2009	UEVA300	Available now	
395 / 396 / 470 / 3200 / 3210	VSVR035	10/31/2009	VSVR046 (for 396 and 32x0 series only)	Available now	
395 / 396 / 470 / 3200 / 3210	VSVR045	10/31/2009	VSVR046 (for 396 and 32x0 series only)	Available now	
395 / 396 / 470 / 3200 / 3210	VSVR046	If downloaded prior to 01/28/2010	VSVR046 (for 396 and 32x0 series only)	Available now	

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Retired Applications

Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
VERIFONE TRANZ RETIRED APPLICATIONS					
Tranz 460	VT46DA1	10/23/2006	VT46DA4	Available now	
Tranz 460	VT46DA2	10/23/2006	VT46DA4	Available now	
Tranz 460	VT46DA3	10/23/2006	VT46DA4	Available now	
Tranz 460	VT46DA4	If downloaded prior to 10/31/2007	VT46DA4	Available now	New application version with same name
Tranz 380	VT13CA1	01/29/2007	VT13DA9	Available now	
Tranz 380	VT13CE1	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA1	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA3	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA4	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA5	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA6	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13DA7	01/29/2007	VT13DA9	Available now	
Tranz 380	VT13DA8	01/29/2007	VT13DA9	Available now	
Tranz 380	VT13DA9	If downloaded prior to 10/31/2007	VT13DA9	Available now	New application version with same name
Tranz 380	VT13PA1	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13PA3	10/23/2006	VT13DA9	Available now	
Tranz 380	VT13QC1	If downloaded prior to 01/20/2008	VT13QC1	Available now	New application version with same name
Tranz 380	VT1H383	10/23/2006	VT1H386	Available now	
Tranz 380	VT1H384	10/23/2006	VT1H386	Available now	
Tranz 380	VT1H385	10/23/2006	VT1H386	Available now	
Tranz 380	VT1H386	If downloaded prior to 11/14/2007	VT1H386	Available now	New application version with same name
Tranz 330	VT1TPH5	10/23/2006	VT1TPH6	Available now	
Tranz 330	VT1TPH6	If downloaded prior to 10/07/2009	VT1TPH6	Available now	New application version with same name
Tranz 330	VSTDB01	If downloaded prior to 11/14/2007	VSTDB01	Available now	New application version with same name

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Retired Applications

Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
Tranz 330	VSTTC04	10/23/2006	VT1TP08	Available now	
Tranz 330	VSTTR01	10/23/2006	VT1TP08	Available now	
Tranz 330	VSTTR04	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1CD01	10/23/2006	VT1CD02	Available now	
Tranz 330	VT1CD02	If downloaded prior to 10/31/2007	VT1CD02	Available now	New application version with same name
Tranz 330	VT1DB01	If downloaded prior to 11/14/2007	VT1DB01	Available now	New application version with same name
Tranz 330	VT1TC04	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TCA2	10/23/2006	VT1TPA7	Available now	
Tranz 330	VT1TP04	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TP05	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TP06	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TP07	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TP07	10/23/2006	VT1TP08	Available now	
Tranz 330	VT1TP08	If downloaded prior to 08/17/2007	VT1TP08	Available now	New application version with same name
Tranz 330	VT1TPA4	10/23/2006	VT1TPA7	Available now	
Tranz 330	VT1TPA5	10/23/2006	VT1TPA7	Available now	
Tranz 330	VT1TPA6	09/28/2008	VT1TPA7	Available now	
Tranz 330	VT1TPA7	If downloaded prior to 08/17/2007	VT1TPA7	Available now	New application version with same name
Tranz 330	VT1TPH5		VT1TPH6	Available now	

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Terminal Type	Retired Application	Retirement Date	Replacement Application	Replacement Application Available Date	Comments
VERIFONE ZON JR & XL300 RETIRED APPLICATIONS					
Zon Jr XL / XL300	VXPCD01	10/23/2006	VXPCD02	Available now	
Zon Jr XL / XL300	VXP0C16	10/23/2006	VXP0P17	Available now	
Zon Jr XL / XL300	VXL0C32	10/23/2006	VXL0P33	Available now	
Zon Jr XL / XL300	VXL0P32	10/31/2009	VXP0P17	Available now	VXP0P17 requires a printer attachment
Zon Jr XL / XL300	VXL0P33	10/31/2009	VXP0P17	Available now	VXP0P17 requires a printer attachment
Zon Jr XL / XL300	VXP0P16	10/31/2009	VXP0P17	Available now	VXP0P17 requires a printer attachment
THALES ARTEMA AND TALENTO RETIRED APPLICATIONS					
Effective 10/19/2008, TSYS Acquiring Solutions discontinued support for Thales terminals and applications. Merchants will need to obtain a new terminal device with a current supported application from another provider.					
Artema A-ONE CDPD / Artema A-IPP CDPD / Artema A-IPPS CDPD	TCDP04	10/19/2008	N/A		Supported terminal type and application required
Artema A-ONE Motient / Artema A-IPP Motient / Artema A-IPPS Motient	TDTCD02	10/19/2008	N/A		Supported terminal type and application required
Talento T-ONE / Talento T- IPP / Talento T-IPPS	52C8072	10/23/2006	N/A		Supported terminal type and application required
Talento T-ONE / Talento T- IPP / Talento T-IPPS	TLT002	10/19/2008	N/A		Supported terminal type and application required
Talento T-ONE / Talento T- IPP / Talento T-IPPS	TLT004	10/19/2008	N/A		Supported terminal type and application required
INGENICO AND DATACARD RETIRED APPLICATIONS					
Elite 712	SA00084	10/31/2009	N/A		Supported terminal type and application required
eNcounter 4000 / eNcounter 4000 LAN	JIGSRST	10/31/2009	N/A		Supported terminal type and application required
eNcounter 4000 / eNcounter 4000 LAN	JIGSRTL	10/31/2009	N/A		Supported terminal type and application required