



Revisions Made Subsequent to 23 June 2008

Updated: 26 May 2010

Diebold							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Options ⁵	TDES Capabilities ⁶	EMV Level ¹⁷
EPP4 hardware # : 49-211444-X, 49-211445-X 49-208132-X, 49-208133-X 00-104401-X, 00-104476-X 00-104522-X, 00-104533-X 00-104534-X, 00-104537-X 00-104689-X, 00-104746-X 00-104748-X, 49-200104-X 49-205468-X, 49-205518-X 49-205519-X, 49-208093-X 49-208165-X, 49-208166-X 49-208167-X, 49-208168-X 49-208169-X, 49-210233-X 49-210238-X, 49-210239-X 49-210240-X, 49-210241-X 49-210242-X, 49-211037-X 00-103079-X, 00-103378-X 00-103398-X, 00-104523-X 00-104690-X, 00-104747-X 00-104749-X, 00-105508-X 49-200101-X, 49-205469-X 49-208094-X, 49-208162-X 49-208163-X, 49-208164-X 49-210234-X, 49-210235-X 49-210236-X, 49-210237-X 49-211038-X, 49-211086-X 49-211087-X, firmware # : 414-0228 R1X 414-0545 R1x 414-0545 R2x Loader: 414-0222 R1X application #:	20033	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	



Ingenico							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Options ⁵	TDES Capabilities ⁶	EMV Level ¹⁷
i5100 hardware # : i5100MM01, i5100MH01 firmware # : UniCapt32 2.10, UniCapt32 2.x.y, UniCapt32 3.x.y application # : SSA 01.xx, SSA 02.xx	20002	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK DUKPT	
i6400 hardware #: i6400MM01, i6400MH01 firmware # : UniCapt32 2.10, UniCapt32 2.x.y, UniCapt32 3.x.y application # : SSA 01.xx (MK/SK & DUKPT), SSA 02.xx, VK2.02.xx (DUKPT)	20002	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK DUKPT	



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

1 2 3 4 5 6 7 8 | [Next >](#)

2i Informatica

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PIN Pad Antivandalico hardware # : PP-2000-C ver. 2.9 & 3.0 firmware # : 4.02 applic # :	10024	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed	

ATM Exchange

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
3DES Plus hardware # : 09-y1xx-00 ("y" denotes a country code and "xx" denotes model code for kit) firmware # : 414-0224 R2x (EPP), 1.4x (PERI), 1.8x (daughter card), 2.4x (co-processor) applic # : For use with Diebold models: 106x, 107x, CSP 400; NCR models: 5070, 508x, 5305, 567x, 568x, 587x, 588x, 5890	20037	Pre-PCI	ATM	31 Dec 2007	Online Only	MK/SK	

Banksys

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
C-ZAM SMASH hardware # : 9062000000 firmware # : 00.xx.yy (xx>11): Belgian SKBD, using 2-length TDES keys; or 80.xx.yy (xx>04): Swedish SKBD, using 2-length TDES keys applic # :	30004	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✓
C-ZAM SPIN hardware # : 9062000000 firmware # : 30.xx.yy (xx>11): Belgian SKBD, using 2-length TDES keys; or 80.xx.yy (xx>04): Swedish SKBD, using 2-length TDES keys applic # :	30005	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✓

Chungho ComNet

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
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C6300 hardware # : CH11301-F010431 firmware # : EP07, CA01 applic # :	10075	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
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Citigroup, Inc.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
STS 5 hardware # : 08-063647-107 firmware # : 29-063654-107 applic # :	20086	Pre-PCI	EPP	29 Sep 2008	Online Only	MK/SK	
STS 6 hardware # : 08-063699-10X (ADA), 08-063699-20X (DUCAT) firmware # : 29-063654-107 applic # :	20087	Pre-PCI	EPP	29 Sep 2008	Online Only	MK/SK	

CyberNet

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
JADE BreakThrough hardware # : JDBT firmware # : 2.05 dated 06/27/2003 applic # : RLS2.0	10029	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✓
JadeSTAR hardware # : v1.10 firmware # : RLS 2.1 applic # :	10055	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK	✓

Da Sistemi

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Darwin (stand alone) 2005C hardware # : MT 0419, MT 0300 firmware # : SAMUOS - SOxx, IT25S3 rev. 70xx applic # :	20015	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	✓
Darwin 2005 Desktop hardware # : POS 2005 - MT0428, MT0427 firmware # : SAMU0V rev. V0xx, IT25Dx rev. 9xxx applic # :	20063	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
Darwin Portable hardware # : POS 2001 - MT0239, MT0002 firmware # : SAMU0O rev. O0xx, ITP2Ax rev. 1xxx applic # :	20062	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	✓
PP1000 hardware # : PP1000-MT0204 firmware # : SAMU0U rev. U0xx, PP10xS rev. 3xxx applic # :	20061	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	✓
PP2000C hardware # : PP2000C - MT0423, MT0427 firmware # : SAMU0V rev. V0xx, PP200x rev. 1xxx applic # :	20065	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
PP2000R hardware # : PP2000R - MT0423, MT0427 firmware # : SAMU0Z rev. Z0xx, PP2R0x rev. Rxxx applic # :	20064	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
Syntiq_POS CU00Bx hardware # : PP2004 firmware # : IC003 applic # :	30006	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓

De La Rue							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
De La Rue EPP3 hardware # : x-DSO-PIN-x-x firmware # : TYPEV1SG 02.00 / LOADERSG 02.00 applic # :	20075	Pre-PCI	EPP	21 Feb 2008	Online Only	MK/SK	

Diebold							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EPP4 hardware # : 49-208132-X, 49-208133-X, 00-104401-X, 00-104476-X, 00-104522-X, 00-104533-X, 00-104534-X, 00-104537-X, 00-104689-X, 00-104746-X, 00-104748-X, 49-200104-X, 49-205468-X, 49-205518-X, firmware # : 414-0228 R1x Loader: 414-0222 R1x applic # : hardware # : 49-205519-X, 49-208093-X, 49-208165-X, 49-208166-X, 49-208167-X, 49-208168-X, 49-208169-X, 49-210233-X, 49-210238-X, 49-210239-X, 49-210240-X, 49-210241-X, 49-210242-X, 49-211037-X, firmware # : 414-0228 R1x Loader: 414-0222 R1x applic # : hardware # : 00-103079-X, 00-103378-X, 00-103398-X, 00-104523-X, 00-104690-X, 00-104747-X, 00-104749-X, 00-105508-X, 49-200101-X, 49-205469-X, 49-208094-X, 49-208162-X, 49-208163-X, 49-208164-X, firmware # : 414-0228 R1x Loader: 414-0222 R1x applic # : hardware # : 49-210234-X, 49-210235-X, 49-210236-X, 49-210237-X, 49-211038-X, 49-211086-X, 49-211087-X, 00-103081-X, 49-211444-X, 49-211445-X, 49-211446-X, 49-211447-X firmware # : 414-0228 R1x Loader: 414-0222 R1x applic # :	20033	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

Click the superscript numbers to view the footnotes.

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next >](#)

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

Diebold Italia S.p.A							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EPP4 (9X)							
hardware # : 49-211377-002X, 49-211378-002X, 49-211377-X, 49-211378-X, 0048051, 0048088, 0048022-01, 0048117-01, 0048783, 0048774-01, 0053633, 0053674, 0053716, 0054883, 0053757, firmware # : 414-0262 R1A Loader 414-0115 R1D applic # :	20085	Pre-PCI	EPP	29 Jun 2008	Online Only	MK/SK	
hardware # : 0055710, 0055934 firmware # : applic # :							
Diebold Procomp							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Criptec II							
hardware # : 4.xx firmware # : 4.07 applic # :	10103	Pre-PCI	EPP	28 Sep 2008	Online Only	MK/SK	
Dionica Italia S.r.l.							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
NetPED							
hardware # : NetPED firmware # : NPC5.02.01.T applic # :	10031	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
Omero X HS/PLUS							
hardware # : Omero X HS/PLUS firmware # : KKCS.02.01.T applic # :	10014	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
hardware # : Omero X HS/PLUS/C (Online only) firmware # : KKCS.02.01.T applic # :							
Omero XP HS/PLUS							
hardware # : Omero XP HS/PLUS firmware # : KKCS.01.00.T applic # :	10013	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✔

Omero XT HS/PLUS							
hardware # : Omero XT HS/PLUS firmware # : KKCS.02.01.T, PPSERVIR 01.00 applic # :							
hardware # : Omero XT HS/PLUS/C (Online Only) firmware # : KKCS.02.01.T, PPSERVIR 01.00 applic # :	10044	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓
hardware # : Omero X HS/Plus firmware # : KKCS.02.01.T applic # :							
hardware # : Omero X HS/PLUS/C (Online Only) firmware # : KKCS.02.01.T applic # :							
Omero XTP HS/PLUS							
hardware # : Omero XTP HS/PLUS firmware # : KKCS.02.01.T applic # :	10074	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓
hardware # : Omero XP HS/PLUS firmware # : KKCS.01.00.T applic # :							
PINPAD HS/PLUS							
hardware # : PINPAD HS/PLUS firmware # : PPCS.02.01.T applic # :							
hardware # : PINPAD X HS/PLUS firmware # : PPCS.02.01.T applic # :	10023	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓
PINPAD FP HS/PLUS (Online only)							
hardware # : PINPAD FP HS/PLUS (Online only) firmware # : PPCS.02.01.T applic # :							

FL Technology

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Smart PIN hardware # : SSM-301PP firmware # : K2.10 applic # :	10099	Pre-PCI	EPP	02 Jun 2008	Online Only	MK/SK	

Fujian Landi Commercial Equipment Co., Ltd.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
STAR-758 hardware # : 2.xx firmware # : 1.6 applic # :	20057	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	

Fujitsu Frontech Limited

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
B-Storepower/M, B-PAD hardware # : CA06178-Axxx, CA06178-A5xx firmware # : SC firmware V01LV013 OS ROM image: B7 (version V04L21g-ME), B1 (version V05L01aSE, date 2006/05/29) Windows CE version V01L01 applic # : EMV kernel: STS-0129	30014	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓

PINPAD DES/RSA-KEYBOARD hardware # : KD02904-82XX firmware # : 29 applic # :	30016	Pre-PCI	EPP	19 Jul 2008	Online Only	Fixed, MK/SK, DUKPT	
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Fujitsu Transaction Solutions

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
S7000 DES/RSA-Keyboard hardware # : KD02904-81xx firmware # : 1Dh(29), 1Eh(30) applic # :	10096	Pre-PCI	EPP	26 Apr 2008	Online Only	MK/SK, DUKPT	
S8000 DES/RSA-Keyboard hardware # : KD02904-80xx firmware # : 1Dh(29), 1Eh(30) applic # :	10097	Pre-PCI	EPP	26 Apr 2008	Online Only	MK/SK, DUKPT	

G.I.C.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
G.I.C. EUROPA hardware # : 0200-30-1xxx firmware # : 01.00 applic # :	20070	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✔

GAIN

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
GAIN EUROPA hardware # : 0200-30-1xxx firmware # : 01.00 applic # :	20069	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✔

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

Gemalto							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
MagIC 1000 hardware # : T064250 to T064299 firmware # : 1.01 (Online only) applic # : 5.00 (Online only) hardware # : T064250 to T064299 firmware # : 1.02 (Offline only) applic # : 5.03, 5.04 (Online & Offline)	10027	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	
MagIC 1100 hardware # : T063450 to T063499 firmware # : ver. 1.02 applic # : ver. 5.00 and offline secure kernel 4.21	10038	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
MagIC 1800 hardware # : T081150 to T081199, and T081104 firmware # : SEC8K220, SEC8K230, and SEC8K304 applic # :	10003	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
MagIC 1800 hardware # : T081155 to T081199 firmware # : SEC8K304, SEC8K305 applic # :	10093	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✓
MagIC x1000-5100 hardware # : T038850-T038889, T038890-T038899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00, 5.05, 7.01							
MagIC x1000-GSM hardware # : T043850-T043859 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05							
MagIC x1000-GPRS hardware # : T043860-T043899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05							
MagIC x1000-DECT hardware # : T044850-T044899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05	10019	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✓
MagIC x1000-DECT 2.4 hardware # : T045860-T045899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05							
MagIC x1000-IR hardware # : T040860-T040899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05							

MagIC x1000-CDMA hardware # : T046860-T046899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05 MagIC x1000-WiFi hardware # : T047860-T047899 firmware # : ver. 1.00; 1.02 applic # : ver. 5.00; 5.05 MagIC x1000-5100 hardware # : T038860-T038889, T038890-T038899 firmware # : 1.02 applic # : 5.05, 7.01 MagIC x1000-GPRS hardware # : T043860-T043899 firmware # : 1.02 applic # : 5.05 MagIC x1000-DECT hardware # : T044860-T044899 firmware # : 1.02 applic # : 5.05 MagIC x1000-DECT 2.4 hardware # : T045860-T045899 firmware # : 1.02 applic # : 5.05 MagIC x1000-IR hardware # : T040860-T040899 firmware # : 1.02 applic # : 5.05 MagIC x1000-CDMA hardware # : T046860-T046899 firmware # : 1.02 applic # : 5.05 MagIC x1000-WiFi hardware # : T047860-T047899 firmware # : 1.02 applic # : 5.05	10061	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	
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Gemalto - External Smart Card Reader Approved for Use with MagIC 1000

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
MagIC 6100 hardware # : T062450 to T062499 firmware # : 1.02 applic # : 5.03, 5.00	10027	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	

Gertec Telecomunicacoes Ltda

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PINPad Criptografado PPC-800 hardware # : v 3.0 firmware # : API 31245 applic # :	10094	Pre-PCI	POS-A	27 Dec 2007	Online & Offline	MK/SK, DUKPT	

Gilbarco

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Secure PIN Pad for Outdoor Terminals SPOT M2/M3 hardware # : CRIND/SPOT M2/M3, SPOT M2/M3 (EPP only) firmware # : 01.01 applic # : OS 01.01	20045	Pre-PCI	AFD	31 Dec 2007	Online & Offline	MK/SK, DUKPT	

Greenlink Technologies

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
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3 DES Fix EPP hardware # : PI-EPP-Dxxx, GI-EPP-Exxx firmware # : EKP-6.04.0xx applic # : GTI-EPP-1000 hardware # : GI-EPP-Fxxx firmware # : EKP-7.0xx applic # :	10095	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
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Hand Held Products

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
HHP TT8810 Transaction Terminal hardware # : A, B, C firmware # : 31205125-050 applic # :	10063	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
TT8500-xxx Transaction Terminal hardware # : TT8500-xxxx firmware # : v1.0B3, v2.0 Class A (POS-A) v2.0 Class B (POS-B) applic # :	10076	Pre-PCI	POS-A, POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	
TT8870x Transaction Terminal hardware # : A, B firmware # : 31205125-054 applic # :	10069	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔

HTEC Limited

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Intelligent PIN Pad (IPP) hardware # : 01 firmware # : 2.23 applic # : 1.00	10082	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✔

Hypercom

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
HFT 106 hardware # : F1062407 firmware # : DL01 01 (DUKPT Only), DL01 02 applic # : FM001 02 (DUKPT Only), FM007 03, FM007 12	20004	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	DUKPT	✔
hardware # : F1062407 firmware # : DL01 rev. 02 applic # : FM007 rev. 030	20004	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
HFT127 hardware # : F12701yx, F12702yx firmware # : DL02 03, DL03 01, DL03 02 applic # : FL214 01	20077	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

ICE 5500 Plus hardware # : AC11V1-Y2N1-1xxx, AC11V1-Y0N1-1xxx, AC11V1-Y2N0-1000, 010301 AC11V1-Y2N1-1xxx (Offline Only) firmware # : T5KBOOT458, T5KBOOT459 (Online & Offline) applic # : 5EMV81C hardware # : 010215 AC11V1-Y2xx-xxxx and 010215 AC11V1-Y0xx-xxxx (Online Only) firmware # : T5KBOOT455 (Online only) applic # : SPOS_07A and SPOS_08B (Online only)	10025	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
ICE 5500M hardware # : AC11V1-Y2N0-1000 firmware # : T5KBOOT458, T5KBOOT459 applic # : 5EMV81C hardware # : AC11V1-Y0N0-1000 (Online only) firmware # : T5KBOOT458, T5KBOOT459 applic # : SPOS 08B (Online only)	10089	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
ICE 5700 Plus hardware # : AC11V1-Y2Y1-1A00 (Offline Only) firmware # : T5KBOOT458, T5KBOOT459 (Online & Offline) applic # : 5EMV81C hardware # : AC11V1-Y2Y1-1xxx and AC11V1-Y0Y1-1xxx (Online only) firmware # : T5KBOOT 455 (Online only) applic # : SPOS 08A (Online only)	10060	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
ICE 6000 Plus hardware # : AB01V1-Y2NN-1 firmware # : FPE V41 applic # :	10051	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	
K1100 hardware # : F50821xy with display and F50820xy without display firmware # : DL02 04, DL03 01, DL03 02 applic # : FL212 02, FL212 03, FL212 040	20082	Pre-PCI	EPP	15 Apr 2008	Online & Offline	MK/SK, DUKPT	
K1200 hardware # : F50702xy & F50722xy w/o display; F50712xy & F50732xy with display firmware # : DL02 04, DL03 01, DL03 02 applic # : FL218 01	20083	Pre-PCI	EPP	18 Apr 2008	Online & Offline	DUKPT	
Optimum L4100, Optimum L4105 hardware # : AB22V1-Y2N0-1A00, AB32V1-Y2N0-1D00, AB23V1-Y2N0-1A00, AB33V1-Y2N0-1D00 firmware # : OS20040429 (Online Only), OS20040416 (Online, DUKPT Only), OS20040712 (Offline, plaintext Only) applic # : FPE Ver. 2.0.18 (Online Only), FPE Ver. 2 (Online, DUKPT Only), FPE 3.0.30, FPE 3.0.23 (POS-B) FPE v3.0.000, v3.0.010, v3.0.020, v4.0.000	10064	Pre-PCI	POS-A, POS-B	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓

Optimum T4100 hardware # : AB22V1-YxN1-3A00 (Online) firmware # : 20040910 (Online) applic # : hardware # : AB22V1-Y2N1-3A00 (Offline) firmware # : 20050118 (Offline) applic # :	10084	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
P1100 hardware # : F10810yx with front SCR; F10820yx with top SCR; F10830yx with hybrid reader (SCR = smart card reader) firmware # : DL02 03, DL02 04, DL03 01, DL03 02 applic # : FL187 16, FL187 19, FL187 24	20019	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
P2100 hardware # : F12810yx with front SCR F12820yx with top SCR F12830yx with hybrid reader F12840yx with hybrid reader 2, (SCR = smart card reader) firmware # : DL02 04, DL03 01, DL03 02 applic # : FL187 19, FL187 24, FL230 040, FL230 50	20032	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✓
S1200, S1300 hardware # : F5055xyz firmware # : DL01 02 applic # : FM012 01	20079	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	
S9, S9C, S9SC, S9S, S9 Plus hardware # : 010238-CB12V1-x2-0000; 010228-CB12V1-x2-0000; (Offline); 010228-CB12V1-x0-0000 (Online only) firmware # : S9SCNT_101, S9SCNT_102, S9SCNT_103, S9SCNT_104, S9SCNT_105, S9SCNT_106 (Online Only), S9SCNT_107 applic # :	10039	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
T2100/M2100 hardware # : F32510xx firmware # : FU071 035 FU071 040 FU065 020 FU800 024 applic # : FU067 35 FU067 040 FW500 021 FW500_A.137	20052	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
T7 Plus Express hardware # : 010299 AB30V1-YxNY-1xxx and 010299-014 (Online Only) firmware # : T7AEPRM412 and T7BEPRM414 (Online Only) applic # : SPOSX_08A and SPOSX_08B (Online Only) hardware # : AC12V1-Y2N1-1A00 (Offline Only) firmware # : T7AEPR9414 applic # : T7ATAPA Q52 (Offline Only)	10053	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
T7 Express Enhanced hardware # : AB11V1-Y0N1-1A00 (Online Only) firmware # : T7AEPRM412 and T7BEPRM414 (Online Only) applic # : SPOSX_08A and SPOSX_08B (Online Only)							

hardware # : AB11V1-Y2N1-1A00 (Offline Only) firmware # : T7AEPR9414 applic # : T7ATAPA Q52 (Offline Only)							
T7Plus hardware # : 010283 AC11V1-Y2xx-xxxx and 010283 AC11V1-Y0xx-xxxx (MK/SK & Online only), 010282-003 (Online only), 010225-013, 010282-006, 010282-021, 010282-028 firmware # : T7BEPRM414 (Online only), T7 BOOT ver. 409 (MK/SK & Online only), T7AEPR9414 (Online & Offline) applic # : SPOSB_08B, SPOSX_08B (Online only) SPOS_07A (TDES, MK/SK Online only) hardware # : AC12V1-Y2N1-1A00 (Offline only), 010225-015, 010225-016, 010282-017, 010282-018, 010282-022, 010282-026 firmware # : T7AEPR9414 (Online & Offline) applic # : T7ATAPA Q52 (Offline only)	10026	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	

Hypercom - External Smart Card Reader Approved for Use with HFT 106 and P1100 PEDs

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
HFT 825 hardware # : FM014800E/JB firmware # : FU644 rev. 012, OTA: FW rev. 282 applic # :	20004, 20019	Pre-PCI		31 Dec 2007	Offline Only	Fixed	

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

Hypercom - External Smart Card Reader Approved for Use with K1100 and K1200 PEDs

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
H2200 hardware # : F820xy firmware # : SCAD Booter: FU 071 035 SCAD APPL: FU 070 017 applic # :							
H2210 hardware # : F8212xxx firmware # : SCAD Booter: FU 071 041 SCAD APPL: FU 070 026 applic # :	20082, 20083	Pre-PCI		15 Apr 2008	Offline Only	MK/SK	✓
H2220 hardware # : F8222xxx firmware # : SCAD Booter: FU 071 041 SCAD APPL: FU 092 014 applic # :							

Ingenico

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Elite 344 PIN pad hardware # : E0344xxx firmware # : A19311 applic # :	20084	Pre-PCI	POS-A	31 Dec 2007	Offline Only	MK/SK	✓
Elite 344 PINPad hardware # : 303000 firmware # : A18493 applic # :	10007	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	✓
Elite 640 hardware # : 9-34101011-0001 firmware # : v53 applic # :	10065	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✓
Elite 710 and 712 hardware # : PCB302604G firmware # : MS0402000613 applic # :							
Elite 770 and 790 hardware # : PCB302483H firmware # : MS0402000613 applic # :	20011	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✓
NPT 710G and 710T hardware # : PCB302604F firmware # : MS0402000613 applic # :							

I 3100 PINPad hardware # : PCB303308 firmware # : UNICAPT32 1.41 A18635 applic # :	10012	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	
I 3100xMx PINPad, I 3100xHx PINPad hardware # : PCB303308B plus MSC or HSC security module (PCB321234G) firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20005	Pre-PCI	POS-A	31 Dec 2007	Offline Only	MK/SK, DUKPT	✔
I 3500 PINPad (formerly Elite 358) hardware # : PCB321251 firmware # : UNICAPT32 1.41 A18635 applic # :	10008	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	✔
I 5020 Terminal hardware # : PCB322029B incl. UNICAPT32 uP firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20053	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
SafePad hardware # : 550C2120101 firmware # : 02.01.05 and 02.02.05 applic # :	30003	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
eN-Crypt 2100 hardware # : 3-2300502, 3-2300602, 3-2300702 firmware # : OS v2.00 SM V3.00 applic # :	10058	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
eN-Touch 1000 hardware # : 3-1710201 3-1710401, 3-1710202 3-1710402 firmware # : OS 8.18, SM 8.08, Dig 6.02, OS 8.23, SM 8.14, Dig 6.02 applic # : ver. 1.01	10050	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
i3010 hardware # : i3010IB01 firmware # : F19194 applic # :	20014	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
i3050 hardware # : i3050MB01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20038	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
i3300 hardware # : i3300MM01, i3300MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx or 02.xx	20010	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
i5100 hardware # : i5100MM01, i5100MH01 firmware # : UniCapt32 2.10, Unicapt32 2.x.y, UniCapt32 3.x.y (i5100Mxx) applic # : SSA 01.xx	20002	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
i5310, i7310, i7780, i7810, i7910 hardware # : i5310MM01, i5310MH01, i7310MM01, i7310MH01, i7780MM01, i7780MH01, i7810MM01, i7810MH01, i7910MM01, i7910MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20003	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
i6280 hardware # : i6280MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20047	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
i6400 hardware # : i6400MM01, i6400MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx, VK2.02.xx (DUKPT only)	20009	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

i6510, i6550 hardware # : i65AAMM01, i65ABMM01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20068	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
i6770, i6780 hardware # : i6770MM01, i6780MM01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20078	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
i8200, i8500, i8550 hardware # : i8200MH01, i8500MH01, i8550MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20031	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
i9400 hardware # : i9430MH01, i9450M01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20081	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	MK/SK, DUKPT	

Ingenico - POS Terminal with Smart Card Reader Approved for Use with I 3100 PED

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
i9200 hardware # : i9200MH01 firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20028	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

Ingenico - POS Terminal with Smart Card Reader Approved for Use with i3010 PED

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
i5100Mxx hardware # : i5100Mxxnnnv firmware # : UniCapt32 2.x.y, UniCapt 32 3.x.y applic # : SSA 01.xx	20002, 20014	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

Intellect International N.V.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Presto 210(p) hardware # : ISC-Presto 2 HW V 0.1.1.0 (Online only) firmware # : ISC-Presto 2 FW V 0.1.1.0 (Online only) applic # : SW V 0.1.1.0							
hardware # : ISC-Presto 2 HW V0.1.2.0 firmware # : ISC-Presto 2 FW V0.1.2.0 (Offline) applic # : SW V 0.1.1.0	10033	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed	✔
hardware # : ISC-PRESTO 2 HW V 0.1.3.0 (Online & Offline) firmware # : ISC-PRESTO 2 FW V 0.1.3.0 (Online & Offline) applic # : SW V 0.1.1.0							

Presto 210(p) hardware # : ISC-Presto 2 HW V 0.1.1.0 (Online only) firmware # : ISC-Presto 2 FW V 0.1.1.1 (Online only) applic # :							
Presto 210(p) hardware # : ISC-Presto 2 HW V0.1.2.0 firmware # : ISC-Presto 2 FW V 0.1.2.0 (Offline) applic # :							
Presto 210(p) hardware # : ISC-PRESTO 2 HW V 0.1.3.0 (Online & Offline) firmware # : ISC-PRESTO 2 FW V 0.1.3.0 (Online & Offline) applic # :	10047	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
Presto 210 PP hardware # : ISC-Presto 2 PP HW V 0.1.3.0 firmware # : ISC-Presto 2 FW V 0.1.3.0 (Online & Offline) applic # :							

Interlink Electronics, Inc.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
ePad XL-xxx hardware # : 2.xx firmware # : V2.1.1 PED CLASS B applic # :	10106	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	

Keycorp

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
K23P hardware # : PED v2.1 firmware # : PED v3.1 applic # :	10036	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
K71x hardware # : 1.0 firmware # : 902-FW-0149 rev. 1.0 applic # : BOOT 1.10 / Keycorp VISA PED API 5.02	10086	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
K78 hardware # : PED v2.1 firmware # : PED v3.1 applic # :	10043	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔

MagTek

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
IntelliPIN SPT hardware # : 30015307-E firmware # : 30037217-C applic # : hardware # : 30037541-D (Online only) firmware # : 30037217-B (Online only) applic # :	20044	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	

MGR Industries

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
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US Triple-DES Encrypting PINpad

hardware # : 1K12U104-xx, 1K12U105-xx, 1K16U104-xx, 1K16U105-xx firmware # : usa_104_3x4_01, usa_105_3x4_05, usa_104_4x4_1, usa_105_4x4_1 applic # :	10101	Pre-PCI	EPP	08 Jun 2008	Online Only	MK/SK, DUKPT	
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Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

Motorola							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
P8700, P8705							
hardware # : AB22V1-Y2N0-1A00, AB32V1-Y2N0-1D00, AB23V1-Y2N0-1A00, AB33V1-Y2N0-1D00 firmware # : OS20040429 (Online Only), OS20040416 (Online, DUKPT Only), OS20040712 (Offline, plaintext Only) applic # : FPE Ver. 2.0.18 (Online Only), FPE Ver. 2 (Online, DUKPT Only), FPE 3.0.30	60007	Pre-PCI	POS-A POS-B	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
Nautilus Hyosung							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EPP-5000M, EPP-5000K							
hardware # : 728869-xx (EPP-5000M), 728870-xx (EPP-5000K w/ metal key caps), 728871-xx (EPP-5000K w/ plastic key caps), 728874-xx (EP-5000K w/ metal key caps), firmware # : 03.02.00, 03.02.01, 05.00.00 applic # :	10067	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK, DUKPT	
hardware # : 728875-xx (EPP-5000K w/ plastic key caps), 728873-xx (EPP-5000M) firmware # : applic # :							
EPP-5100M							
hardware # : 728872-xx, 728876-xx firmware # : 03.02.00, 03.02.01, 05.00.00 applic # :	10078	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK, DUKPT	
NBS Technologies							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
ZF-45xx							
hardware # : Freedom IV+ firmware # : v01.02 applic # : v01.03 (Online only), v03.02 (Offline)	20067	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔

NCR							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
5993 Payment Terminal hardware # : 5993-xxx0 firmware # : v1.0B3, v2.0 Class A (POS-A) v2.0 Class B (POS-B) applic # :	10077	Pre-PCI	POS-A, POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
High Secure EPP 5807 hardware # : Sec Module 44500661401A, Generic Kbd 00900118697A firmware # : 4450661401 (DAPI 7.xx, BSW 18); 4450661401 (DAPI 8.xx, BSW 18, xx > 02); 4450661401 (DAPI 9.xx, BSW 18) applic # :	20054	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
High Secure EPP 5812 hardware # : Sec Module 4450661000, Kbd 00900202xx (22 <= xx <= 32) firmware # : 4450661401 (DAPI 7.xx, BSW 18); 4450661401 (DAPI 8.xx, BSW 18, xx > 02); 4450661401 (DAPI 9.xx, BSW 18) applic # :	20056	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
Standard Secure Alpha EPP 5811 and 5813 hardware # : Sec Module 4450661000, Kbd 00900202xx (22 <= xx <= 32) firmware # : 4450661000 (DAPI 7.xx, BSW 18); 4450661000 (DAPI 8.xx, BSW 18, xx > 02); 4450661000 (DAPI 9.xx, BSW 18) applic # :	20055	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
Standard Secure Alpha EPP 5878-F102 hardware # : Sec Module 4450661000, Kbd 0090019039 firmware # : 4450661000 (DAPI 7.xx, BSW 18) applic # :	20073	Pre-PCI	EPP	11 Feb 2008	Online Only	MK/SK	
Standard Secure EPP 5808 and 5809 hardware # : Sec module 4450661000, Generic Kbd 0090018697A firmware # : 4450661000 (DAPI 7.xx, BSW 18); 4450661000 (DAPI 8.xx, BSW 18, xx > 02); 4450661000 (DAPI 9.xx, BSW 18) applic # :	20022	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
eN-Crypt 2100 hardware # : 5945-0152-000 firmware # : OS v2.00, SM v3.00 applic # :	10079	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
eN-Touch 1000 hardware # : 5992-0152-000 firmware # : OS 8.18, SM 8.08, Dig 6.02 applic # : 1.01	10080	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	

PAX Technology							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PP20-C hardware # : v10 firmware # : v23 applic # :	10037	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	

Perto S.A.							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷

Perto S.A. Security Keyboard							
hardware # : 04, PSK-A, PSK10-BP-xxx-04, PSK10-AP-xxx-04	10071	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
firmware # : F03BI002							
applic # :							

Pi Systems

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
3 DES Fix EPP hardware # : PI-EPP-Dxxx firmware # : xxx-EKP-6.04.0.0xx applic # :	10085	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

Prism

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PED-100, EPP-200 hardware # : TMS230-PED Ver. D, TMS230-PED Ver. H firmware # : PEDP1A08-x, EPPP1A02-x applic # :	20074	Pre-PCI	EPP	18 Feb 2008	Online Only	MK/SK, DUKPT	

Provenco

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
G5OPT hardware # : G5OPT v1.0, G50PT v2.0, G50PT v3.0, G50PT v4.0, G5OPT v5.0, G50PT v.9.0 firmware # : 2.57, 4.560, 4.581, 4.599, 4.616, 4.670, 8.187, 8.226 applic # :	10088	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✔

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

REA Elektronik							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
REA-ECS hardware # : v1.1 firmware # : v1.35 applic # :	20066	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	MK/SK	✔

REA Elektronik - POS Terminal with Smart Card Reader Approved for Use with REA-ECS							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
REA-ECS HKL hardware # : ECS-HKL E8 firmware # : v49 applic # :	20066	Pre-PCI	POS-B	31 Dec 2007	Offline Only	-	✔

RONTEC Engineering and Production							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
TECHPRO PED hardware # : 1.2 firmware # : 1.13 applic # :	30015	Pre-PCI	EPP	17 Jun 2008	Online Only	Fixed	

Sagem Denmark A/S							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
DNK2100-4510 PIN pad hardware # : DNK2100-45xxR1x firmware # : 414-0238 R1 applic # :	20071	Pre-PCI	EPP	25 Jan 2008	Online & Offline	MK/SK	
DNK4100-4030 hardware # : DNK4100-40xxR1x firmware # : 414-0155R1 applic # : 414-0155R	20051	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK	✔
INT1315-4220 hardware # : xxx1315-422x R1 firmware # : 414-0244 R1 applic # :	20050	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
INT1315-4610 hardware # : xxx1315-461x R1 firmware # : 414-0224 R2x applic # :	20035	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
INT1318-4210 hardware # : xxx1318-421x R1 firmware # : 414-0224 R2x applic # :	20036	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

INT1318-4220 hardware # : xxx1318-422x R1 firmware # : 414-0244 R1 applic # :	20049	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
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Sagem Denmark A/S - External Smart Card Reader Approved for Use with DNK2100-4510 PIN pad, INT2100-4210, DNK4100-4030, and INT1315-4250 & INT1318-4250

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
INT5010-4010 Card Reader, INT501x Secure Card Reader hardware # : xxx5010-40zz R1x insertion SCR xxx5012-40zz R1x motorised SCR firmware # : 414-0207 R1 for insertion SCR 414-0273 R1 for motorised SCR applic # :	20071	Pre-PCI	EPP	25 Jan 2008	Offline Only	-	✓

Sagem Monetel

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EFT Smart hardware # : v01AA firmware # : v01.02 applic # :	20016	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	✓
hardware # : v01 firmware # : v01.01 (DUKPT only); v01.02 applic # : v03.02	20024	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed, MK/SK, DUKPT	✓
EFT30 hardware # : EFT 30 FT firmware # : v01.01 (DUKPT only); v01.02 applic # :	20006	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	✓
hardware # : v05 firmware # : v01.01 (DUKPT only); v1.02 applic # : v03.02	20023	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed, MK/SK, DUKPT	✓
EFT30 / EFT30 Plus / EFT Smart hardware # : 87 725 971 firmware # : v00.01 applic # : v01.06	10028	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✓
EFT930 hardware # : EFT930x-xxxx0101, EFT930B-xxxx0201, EFT930x-xxxx1101, EFT930x-xxxx2101 firmware # : v01.01 applic # : v03.02	20046	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓
PP 30 hardware # : 90000322V01 firmware # : v02.01 applic # : v01.03	20026	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed	
hardware # : 90000322V01 firmware # : v02.01 applic # : v03.02	20027	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed	
PPC30 hardware # : 90 000 278V02 firmware # : v01.01 applic # : v01.03 (Online); v03.02 (Offline)	20029	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	
PPR30 hardware # : 87 726 373 V03 firmware # : v01.01 applic # : v01.03 (Online); v03.02 (Offline)	20030	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓

Sagem 900 hardware # : Gx9xx-xx-S-x-0101 firmware # : 2705.2.5 applic # : 103.1.2	20048	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK	
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Shenzhen Zhengtong Electronics Co., Ltd.

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
ZT 588 hardware # : B20 firmware # : B11, D10 applic # :	10100	Pre-PCI	EPP	07 Jun 2008	Online Only	DUKPT	

Spectra Technologies

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EON hardware # : 1.5 firmware # : Key_DLL 1.0 (Online only); EMV2LIB v1.0 (Offline) applic # :	30010	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	
S9090 hardware # : 5.0 firmware # : Key_DLL 1.0 applic # :	30012	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	

Symbol Technologies

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PD 4500 hardware # : PD 4500-CA0EDPB000x firmware # : 3.20, 3.30, 3.35 applic # : pos Portal CE version 7.00.012	10046	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	
PD 8500 hardware # : PD8500-CA0DDPUCB0x, PD8500-CA0DDPUC22x firmware # : 2.50, 2.70, 3.00, 3.10, 3.16, 3.20, 3.25, 3.30, 3.35 applic # : pos Portal CE version 6.50, pos Portal CE version 6.70, pos Portal CE version 7.00, pos Portal CE version 7.00.012	10046	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	
hardware # : PD8500-CA0DDPBCB00 firmware # : 1.50 applic # : pos Portal CE version 5.2	10046	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
PD8700, PD8705 hardware # : AB22V1-Y2N0-1A00, AB32V1-Y2N0-1D00, AB23V1-Y2N0-1A00, AB33V1-Y2N0-1D00 firmware # : OS20040429 (Online Only) OS20040416 (Online, DUKPT Only) OS20040712 (Offline, plaintext Only) applic # : FPE Ver. 2.0.18 (Online Only) FPE Ver. 2 (Online, DUKPT Only) FPE 3.0.30	10105	Pre-PCI	POS-A	31 Dec 2007	Online & Offline (plaintext)	MK/SK, DUKPT	

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

Thales e-Transactions							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
ACU 7000 hardware # : 6667-1-920 firmware # : 6667-3-222-00PR applic # :	20041	Pre-PCI	EPP	31 Dec 2007	Online Only	Fixed, MK/SK	✓
Artema Compact, Artema Compact On-Line (Online Only) hardware # : P700-xxxx firmware # : Artema_SF_V0101_MFxxxx, Artema_SF_V0102_MFxxxx, Artema_SF_V0103_MFxxxx, Artema_SF_SMP0103_MFxxxx, Artema_SF_V0104_MFxxxx applic # :	10062	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Artema Hybrid hardware # : P744-3xxx firmware # : 6667-3-230-03PR applic # :	20060	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Artema PIN Desk hardware # : 540.324.xx6\2y, 540.324.xx8\2y, 540.324.xx6\3y, 540.324.xx8\3y firmware # : 77213:02:00, 77213:03:05, 77213:02:02, 77213:03:06 applic # :	20020	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓
Artema PIN Retail hardware # : 535.322.xxx firmware # : HP3_SF_V0003_MFxxxx, HP3_SF_V0004_MFxxxx applic # :	10054	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Artema Portable hardware # : 4432-613-100 firmware # : USPP1004 applic # :	10006	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✓
Artema Portable/Mobile hardware # : P44x-xxxx, P44x-xxxx/Axx/F2x firmware # : Terminal- DL: 4432-5-041-00PR; PIN pad- BSL: 6667-3-231-00PR, CDF: 6667-3-230-00PR applic # : Terminal- 4432-5-390-00PR; PIN pad- EMV-ADF: 6667-3-22-60PR	20034	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✓

Artema Wireless hardware # : P44x-xxxx, P44x-Y7xxx firmware # : Artema SF V0101 MFxxxx, Artema SF V0102 MFxxxx, Artema SF V0103 MFxxxx, Artema SF SMP0103 MFxxxx, Artema SF V0104 MFxxxx applic # :	10059	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Cardmate XT52 hardware # : A20986 firmware # : 77148:04:02 applic # : 77148:04:02	10056	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓
EPP V4 Encrypting PIN pad hardware # : 6667-1-800-xx, 6667-1-945-xx, 6667-1-813-xx, 6667-1-953-xx, 6667-1-825-xx firmware # : 6667-3-820-xxPR applic # : 04.30	20042	Pre-PCI	EPP	31 Dec 2007	Online Only	Fixed, MK/SK	
EPP V4+ Encrypting PIN pad hardware # : 6667-1-805-xx, 6667-1-947-xx, 6667-1-951-xx, 6667-1-955-xx, 6667-1-815-xx, 6667-1-827-xx firmware # : 6667-3-823-xx applic # : 04.30	20043	Pre-PCI	EPP	31 Dec 2007	Online Only	Fixed, MK/SK	
EPP V5 encrypting PIN pad for use in Wincor-Nixdorf ATMs hardware # : P944 (EPP V5 Standard), P938 (EPP V5 Kombi Alpha), P939 (EPP V5 Multi Alpha) firmware # : Wincor-Nixdorf ATMs: 6667-3-824-50PR 04.3x International ATMs: 6667-3-824-60PR 04.3x International, 6667-3-824-62PR 03.3x Germany applic # :	20012	Pre-PCI	EPP	31 Dec 2007	Online Only	Fixed, MK/SK	
HP3 Desk PINPad hardware # : 540.324.xxx P3 firmware # : HP3_SF_V0002_MFxxxx applic # :	10040	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
hardware # : 540.324.xxx P2 firmware # : HP3_SF_V0001_MFxxxx applic # :	10035	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
MCU 7000 hardware # : 6667-1-900 firmware # : 6667-3-222-00PR applic # :	20080	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	✓
MCU5900 hardware # : MCU5900 P9432-00x firmware # : BSL 2.04, CDF 2.04 applic # :	20001	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
PINPad Hybrid hardware # : P942-3xxx firmware # : 6667-3-230-02PR applic # :	20059	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
TSC Plus hardware # : 535.310.xxx firmware # : TSCPEX 0202; TSCPEX 0203 applic # :	10004	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✓
TSC Plus hardware # : 535.310.xxx firmware # : TSCPEX 0203 applic # :	10057	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓

Thales e-Transactions - External Smart Card Reader Approved for Use with MCU 5900

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
HCC hardware # : P9432-xxx, C166-3xxx firmware # : 6667-3-230-01PR + 2456-5-500-00PR applic # :	20001	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

Thyron							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PayCell MPT 500 hardware # : MPT5xx-01 firmware # : PSM01 applic # :	20017	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✔
PosMate 100, PosMate110 hardware # : POSMate 1xx-01, POSMate 110-01 firmware # : PSM01 applic # :	20021	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✔

Tidel Engineering							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Tidel EPPi hardware # : 204-0510-001 rev. B, 204-0510-001 rev. C firmware # : 5.02 applic # :	10102	Pre-PCI	EPP	09 Jun 2008	Online Only	MK/SK	
Tidel SPED hardware # : 207-0245-001, 207-0245-001 rev. B, 207-2100-001 rev. B, 207-0245-001 rev. C firmware # : 5.00, 5.01, 5.02 applic # :	10068	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

Tokheim							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Crypto 100 hardware # : SPT 1 firmware # : Cryptosmart applic # :	30008	Pre-PCI	EPP	31 Dec 2007	Online Only	DUKPT	

Tranax Technologies, Inc.							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
EPP-B1 hardware # : EPP-B1 firmware # : V03.02.19, V03.02.20 applic # :	10104	Pre-PCI	EPP	29 Sep 2008	Online Only	MK/SK	


Triton							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷

EPP-T1.0 hardware # : 03016-000xx firmware # : SP-05.00 applic # :	20025	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
EPP-T1.1 hardware # : 03016-000xx firmware # : SP-06.00 applic # :							
EPP-T2.0 hardware # : 03016-001xx, 03016-002xx firmware # : VP-01.01, ZP-01.01 applic # :	20039	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	
EPP-T3.0 hardware # : 03016-003xx firmware # : VP-01.01 applic # :	20040	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

Uniform Industrial

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PIN Pad 690 hardware # : PP690-RPxxxx1x (no mag stripe reader), PP690-RPxxxx1x Rev. B (no mag stripe reader), PP690-RMxxxx1x (with mag stripe reader), PP690RMxxxx1x Rev. B (with mag stripe reader) firmware # : 69001011 applic # :	10066	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	

Urmet

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
AUREUS Plus 5110/xxx hardware # : 5109/101 firmware # : CPR5109-005 applic # :	30007	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	
OVER EPP / EPP5115xxx hardware # : MDA5115xxxAA, MDB5115xxxAA firmware # : FIP5115001AA, FIPS5115001AB applic # :	30017	Pre-PCI	EPP	01 Sep 2008	Online Only	Fixed, MK/SK, DUKPT	

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) | [Next](#) >

[Top of Page](#)



Last Update: 27 Mar 2008

68 Vendors, 212 Devices

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#)

VeriFone							
PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Everest Plus							
hardware # : P003-400-1x (x denotes different communications options) firmware # : EV0305US applic # : PPERF02G (treated as firmware)	10052	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
Nurit 222SVP							
hardware # : 0222-xx-Mxx-xxx-yxx, 0222xxxxyxx (where "y"=A or B) firmware # : 02.12.0.s, 03.00.0.s, 03.10.0.s, 03.20.0.s, 03.30.0.s, 03.31.0.s, 03.32.0.s, 03.33.0.s, 03.50.0.s, 03.60.0.s applic # :	10083	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	
Nurit 292SVPxxx							
hardware # : 0292-xx-Mxx-xxx-yxx, 0292xxxxyxx (where "y"=A or B for Online, or "y"=C for Online and Offline) firmware # : N0S7-SPED-FW-2.1, N0S7-SPED-FW-2.2 applic # : FPP_292_0231-A.APP, FFP_023401_A.DLM, OFFPP_010100_A.DLM, OPD_010300_A.DLM	10090	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
hardware # : 0292-xx-Mxx-xxx-yxx, 0292xxxxyxx (where "y"=A, B, or C) firmware # : NOS7-SPED-FW-1.12, NOS7-SPED-FW-1.14 applic # : P9F02_29_022900_A.DLM, 2922_29_0229_A.APP, FPP_023300_A.DLM, FPP_292_0231_A.APP	10032	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK, DUKPT	✔

Nurit 8000SVP; Nurit 8010SVP hardware # : 8010-xx-Mxx-xxx-yxx, 8010xxxxyxx (where "y"=A, B, C, D, or E) firmware # : NOS7-SPED-FW-1.13A2 and NOS7-SPED-FW-1.13A9 (Online only) applic # : PPC1_02_0102_A.APP and FPP02_29_022900_A.DLM (Online only)	10034	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
hardware # : 8010-xx-Mxx-xxx-yxx, 8010xxxxyxx (where "y"=A, B, C, D, or E) firmware # : NOS7-SPED-FW-2.1, NOS7-SPED-FW-3.10.36 applic # : PPC1_02_0103_A.APP, FPP_023200_A.DLM, OPD_010100_A.DLMA							
Nurit 8100SVPxxx hardware # : 8100-xx-Mxx-xxx-xxx firmware # : NOS7-SPED-FW-2.1 applic # :	20058	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
Nurit 8320SVP; Nurit 3020SVP hardware # : 8320-xxMxx-xxx-yxx, 8320xxxxyxx (where "y"=A, B, C, or D) firmware # : NOS7-SPED-FW-1.13A2 or NOS7-SPED-FW-1.13A9 (Online only); NOS7-SPED-FW-2.1 or NOS7-SPED-FW-2.2 applic # : FPP02_29_022900_A.DLM, PPC1_02_0102_A.APP (Online only); PPC1_02_0103_A.APP, FPP_023200_A.DLM, OPD_010100_A.DLM	10042	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	Fixed, MK/SK, DUKPT	✔
hardware # : 8320-xxMxx-xxx-yxx, 8320xxxxyxx (where "y"=A, B, C, or D) firmware # : NOS7-SPED-FW-1.01A2 applic # : FPP02_27_022700_A.DLM, PPC1_00A_0100_A.APP	10018	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK	✔
hardware # : 8320-xxMxx-xxx-yxx, 8320xxxxyxx (where "y"=A, B, C, or D) firmware # : NOS7-SPED-FW-1.01A9 applic # : FPP02_27_022700_A.DLM, PPC1_00A_0100_A.APP	10021	Pre-PCI	POS-A	31 Dec 2007	Online Only	Fixed, MK/SK	✔
Omni 3600 hardware # : Px96-1xx-3x firmware # : Q80016AO with IPP: 0PGP031 applic # : Visanet 29.06	10009	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔

Omni 3750 hardware # : Mx97-5xx-1x-xxx firmware # : OS: Q50013AO; IPP: 4E3003C applic # : VisaNet 29.06							
Omni 3740 hardware # : Mx97-4xx-1x-xxx firmware # : OS: Q50013AO; IPP: 4E3003C applic # : VisaNet 29.06							
Omni 3720 hardware # : Mx97-2xx-1x-xxx firmware # : OS: Q50013AO; IPP: 4E3003C applic # : VisaNet 29.06	10010	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
Omni 3710 hardware # : Mx97-1xx-1x-xxx firmware # : OS: Q50013AO; IPP: 4E3003C applic # : VisaNet 29.06							
Omni 3705 hardware # : Mx97-0xx-1x-xxx firmware # : OS: Q50013AO; IPP: 4E3003C applic # : VisaNet 29.06							
Omni 37xx hardware # : Mx97-xxx-1x-xxx, rev. Ax firmware # : OS: Q50016A3, Q50016A4, Q50016A5, Q50016A6, Q50017AO, Q50017A1, Q50017A2, Q50018AO, Q50018A1 IPP: 0PGP031, 4E3003C, 4E3004B applic # : VA00VER5130.01	10049	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✔
Omni 7000, Omni 7000LE, Omni 7000MPD hardware # : P077-xxx-00, M077-xxx-00, P077-200-00 firmware # : OS: VW000021, VW0007US, VW0008US IPP: 0PGP031, 4E3003C, 4E3004B applic # :	10015	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
Omni 7100 hardware # : M078-xxx-00 firmware # : VW000026 applic # :	10045	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	
OpenPay 3321AB hardware # : OP3321ABx123x3xx firmware # : 2.4 applic # :	20076	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	DUKPT	✔
OpenPay 3322AB hardware # : OP3322ABx123x3xx firmware # : 2.4 applic # :							
OpenPay 3322BB hardware # : OP3322BBx123x3xx firmware # : 2.4 applic # :	20072	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	DUKPT	✔
PINpad 1000SE hardware # : P003-17x-x2-xxx firmware # : 4E3002E (Online only) 4E3003C, 4E3004B, 4E3005B (Online & Offline) applic # :	10030	Pre-PCI	POS-B	31 Dec 2007	Online & Offline	MK/SK, DUKPT	
hardware # : P003-17x-x2-xxx firmware # : 4E3001K applic # :	10030	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
PP950 hardware # : PP950R3W firmware # : ver. 2.1, rev. 1 applic # :	20008	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed, MK/SK, DUKPT	✔

SC 5000 hardware # : M108-xxx-3x-xxx, M108-xxx-4x-xxx, M108-xxx-5x-xxx firmware # : 3.04, 4.01 applic # : X01EAPP 072902 v1.00G	10098	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
hardware # : M108-xxx-0x-xxx, M108-xxx-2x-xxx firmware # : 3.04, 4.01 applic # : X01EAPP 072902 v1.00G	10011	Pre-PCI	POS-A	31 Dec 2007	Online Only	MK/SK, DUKPT	
SMART 5000 hardware # : S5NC123S3M4x firmware # : ver. 2.4, rev. 18 applic # :	20007	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed, MK/SK, DUKPT	✓
Secura hardware # : SCRAxxx firmware # : 6.46 applic # :	30011	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓
UPT hardware # : UPTxxx firmware # : 6.46 applic # :	30013	Pre-PCI	EPP	31 Dec 2007	Offline Only	-	✓
Vx510 (Omni 51XX) hardware # : M251-xxx-0x-xxx firmware # : QA0001A0 applic # :	20018	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed, MK/SK, DUKPT	✓
Vx510 (Omni51xx) hardware # : M251-xxx-0x, M251-xxx-0x-xxx, M251-xxx-2x firmware # : QA000035, QA0000A0 (Online Only) QA0001A0, QA0002A0, QA0003A0, QA0003A1, QA0003A2, QA0003A3, QA0003A4, QA0003A5, QA0004A0, QA0004A1, QA0004A2, QA0004A3, QA0004A4 applic # : VisaNet v30 hardware # : firmware # : QA0005A0, QA0005A1, QA0005A2, QA0005A3, QA0005A5, QA0005A6, QA0005A7, QA0005A8, QA0005A9, QA0006A2, QA0006A3, QA0006A4, QA0008A1, QA0008A3, QA0008A4 applic # :	10041	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Vx610 (Omni 5600) hardware # : M256-5ab-0c firmware # : QA000408, QB0104A3, QB0104A4, QB0104A5, QB0106A2, QB0106A3, QB0106A4, QB0106A5 applic # : VisaNet v30	10081	Pre-PCI	POS-A	31 Dec 2007	Online & Offline	MK/SK, DUKPT	✓
Xplorer hardware # : XPLR0xx firmware # : 6.46 applic # :	30009	Pre-PCI	POS-A	31 Dec 2007	Offline Only	-	✓
Xtreme hardware # : XTHS100; XTHS1xx firmware # : 6.43 applic # : 1.07 and 7816, ver. 1.20 and 1.21; 7816 ver. 1.xx	30001	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed	✓

VeriFone - External Smart Card Reader Approved for Use with Xtreme PED

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
IC-Xpress hardware # : XPRS001; XPRS0xx firmware # : 6.43 applic # : 7816 ver. 1.20 and 1.21; 7816 ver. 1.xx	30001	Pre-PCI	POS-A	31 Dec 2007	Offline Only	Fixed	✔

Way Systems

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
MTT 1500 hardware # : 1520-4, 1580-4, 1520-6, 1570-6, 1580-6, 1570-7, 1571-7, 1556-7, 1556-9, 1581 firmware # : 4.18.38, 4.1f.40, 4.21.4e, 4.21.52, 4.22.53 applic # : c8.28.38, c8.40.f0, 03.01.06, 03.23.07	10091	Pre-PCI	POS-A	31 Dec 2007	Online Only	DUKPT	✔

WRG Services

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
Genesis CPU hardware # : 4 firmware # : VC0601US applic # :	10073	Pre-PCI	EPP	31 Dec 2007	Online Only	MK/SK	

XAC Automation

PED Identifier ¹	Approval Number ²	PCI Version	Device Type ³	Expiry Date ⁴	PIN Entry Option ⁵	TDES Capable ⁶	EMV Level 1 ⁷
PINPad 8001LPI, PIN PAD FD-10 hardware # : H000-00-00-xxxxx, I000-00-00-xxxxx firmware # : 17140154, 17140164, 17140167, 17140181, 17140196 applic # :	10072	Pre-PCI	POS-B	31 Dec 2007	Online Only	DUKPT	
PINPad 8002/8003/8004 hardware # : 8002 x00x-xxxx1, 8003 00xx-xxxx1, 8004 x0xx-xxxx1 firmware # : 1714.0163 1714.0177 applic # :	10092	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	✔
PINPad M980/M988 hardware # : M980-x0xx-xxxx1, M988-xxxx-xxxx1 firmware # : 1714.0163 1714.0177 applic # :	10087	Pre-PCI	POS-B	31 Dec 2007	Online Only	MK/SK, DUKPT	✔

Click the superscript numbers to view the footnotes.

< [Previous](#) | [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#)

[Top of Page](#)