



# Check Point Software Technologies – TECH NOTE

## MFAE Drivers

**May 2, 2017**

**Classification Public**

## 1 Version history

Version	Date	Activity / Comments
1.0	2012-03-09	First initial version for UEFI. PRD_CCID and OPENSC are ported to the UEFI platform.
1.1	2012-06-11	SCSQUARE, MSC_P11, AC_P11, CAC_P11, ETOK_P11, IKEY_P11, IK4K_P11, OBER_P11, CCIDLEGA and IKEY_PRD are ported to the UEFI platform.
1.2	2012-06-18	ETOK_PRD, GEMCTPC, BUYPASS, PIV_P11 and VASCO_P11 are ported to the UEFI platform.
1.3	2012-03-04	Fixed a bug in CCIDLEGA.EFZ where the driver froze.
1.4	2013-03-13	PIV_P11 updated to support newer PIV standard.
1.5	2013-03-19	Updated ac_p11.efz, buypass.efz, cac_p11.efz, etkn_p11.efz, ik4k_p11.efz, ikey_p11.efz, msc_p11.efz, ober_p11.efz, opsc_p11.efz, piv_p11.efz, scsquare.efz and vasc_p11.efz to not print any error messages from EFI Toolkit to the console (see CR00672231.)
1.6	2013-04-09	Ported the Cyberflex e-gate driver to UEFI (egate.efz, see CR00672334.)
1.7	2013-04-26	Fixed a bug in all UEFI IFD drivers that could cause a stack corruption with intermittent behaviour, see CR00672501.
1.8	2013-06-27	Signed UEFI drivers for Windows 8 Secure Boot.
1.9	2014-10-02	New version of prd_ccid.efz where a USB request was increased from 8 to 9 bytes.
2.0	2014-11-04	New Secure Boot signed binaries of prd_ccid.efz and etok_prd.efz.
2.1	2016-09-12	Added token UEFI driver for IDPrime MD Applet V4.X.

## 2 Supported smart cards and USB tokens

Token Name	Driver	Version
A-trust ACOS EMV A05	opsc_p11.efz	14
AET SafeSign (Aspects OS755 JC 2.2.1)	opsc_p11.efz	14
AET SafeSign (Athena IDProtect)	opsc_p11.efz	7
AET SafeSign (DoD Profile)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 Multi-factor T0/1 (legacy))	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 Multi-factor T0/1)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 Multi-factor v1.1 T0/1)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 T0/1 0V300)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 T0/1 2005-03-18)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 T0/1 2005-06-24)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 T0/1)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.0 new T0/1)	opsc_p11.efz	14
AET SafeSign (G&D STARCOS 3.1.2 Standard USB)	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe 3.0 (T1/TA1_18))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe 3.0 (T_CL))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe 3.0)	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64 (XMC2))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 1 - cold - StarKey400))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 1 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 1 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 1 - warm))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 2 - cold - StarKey400))	opsc_p11.efz	14

Token Name	Driver	Version
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 2 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 2 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 2 - warm))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 3 - cold - StarKey400))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 3 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 3 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 3 - warm))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 4 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 4 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 4 - warm))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 5 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 5 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 5 - warm))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 8 - cold))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 8 - div. 31 T1 only))	opsc_p11.efz	14
AET SafeSign (G&D Sm@rtCafe Expert 64K (conf. 8 - warm))	opsc_p11.efz	14
AET SafeSign (Giesecke & Devrient Sm@rtCafe Expert 3.2 StarKey 550)	opsc_p11.efz	14
AET SafeSign (HID Crescendo C700)	opsc_p11.efz	14
AET SafeSign (IBM JCOP21 v 2.2)	opsc_p11.efz	14
AET SafeSign (IBM JCOP21 v2.2 (Winter AG))	opsc_p11.efz	14
AET SafeSign (IBM JCOP21 v2.2)	opsc_p11.efz	14
AET SafeSign (IBM JCOP31 v2.2 (T.CL))	opsc_p11.efz	14
AET SafeSign (IBM JCOP31 v2.2 (Winter AG))	opsc_p11.efz	14
AET SafeSign (IBM JCOP31 v2.2)	opsc_p11.efz	14
AET SafeSign (IBM JCOP31bio)	opsc_p11.efz	14

Token Name	Driver	Version
AET SafeSign (IBM JCOP41 (Foongtone))	opsc_p11.efz	14
AET SafeSign (IBM JCOP41 (TA1_18))	opsc_p11.efz	14
AET SafeSign (IBM JCOP41 (T.CL))	opsc_p11.efz	14
AET SafeSign (IBM JCOP41 (USB))	opsc_p11.efz	14
AET SafeSign (IBM JCOP41 v2.2.1 (Winter AG))	opsc_p11.efz	14
AET SafeSign (IBM JCOP41 v2.2.1)	opsc_p11.efz	14
AET SafeSign (IBM JCOP41)	opsc_p11.efz	14
AET SafeSign (KEBT KONA 21T / KonaToken)	opsc_p11.efz	14
AET SafeSign (KEBT KONA 21T)	opsc_p11.efz	14
AET SafeSign (ORGA JCOP21 v2.2)	opsc_p11.efz	14
AET SafeSign (Oberthur Cosmo64, Custom)	opsc_p11.efz	7
AET SafeSign (Oberthur CosmopolIC Dual 64Kb v5.4)	opsc_p11.efz	14
AET SafeSign (Oberthur CosmopolIC v4)	opsc_p11.efz	14
AET SafeSign (Oberthur IDone Cosmo64 v5.2 (T.CL))	opsc_p11.efz	14
AET SafeSign (Oberthur IDone Cosmo64 v5.2)	opsc_p11.efz	14
AET SafeSign (Oberthur IDone Cosmo64 v5.4)	opsc_p11.efz	14
AET SafeSign (Oberthur IDone Cosmo64D v5.2)	opsc_p11.efz	14
ActivIdentity Atmel 6464C Pro 64K	ac_p11.efz	6
ActivIdentity Atmel 6464C Pro USB 64K	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access 32K V2 SM 7.2	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access 32K V4 SM 1.3	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access 64K Pegasus v2c	ac_p11.efz	5
ActivIdentity Axalto Cyberflex Access 64K V1 SM 2.1	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access 64K V1 SM 4.1	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access 64K v2a SM 2.3	ac_p11.efz	6

Token Name	Driver	Version
ActivIdentity Axalto Cyberflex Access 64K v2b SM 1.1	ac_p11.efz	6
ActivIdentity Axalto Cyberflex Access e-gate 32K	ac_p11.efz	6
ActivIdentity G&D SmartCafe Expert 64K FIPS-2048 1	ac_p11.efz	6
ActivIdentity G&D SmartCafe Expert 64K FIPS-2048 2	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO 64K FIPS v1 Dual ATR	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO 64K R3 FIPS V2	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO 64K R3 FIPS V2 2	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO 64K R3 v1 Dual ATR	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO R3 E64 PK Standard Version 1	ac_p11.efz	6
ActivIdentity Gemplus GemXpresso PRO R3 E64 PK Standard Version 2	ac_p11.efz	6
ActivIdentity Giesecke & Devrient SmartCafe Expert 32K v2.0 2	ac_p11.efz	6
ActivIdentity Oberthur CosmopolIC 32K V4	ac_p11.efz	6
ActivIdentity Oberthur CosmopolIC 32K V4 Fast ATR	ac_p11.efz	6
ActivIdentity Oberthur CosmopolIC 64K V5.2	ac_p11.efz	6
ActivIdentity Oberthur CosmopolIC 64K v5	ac_p11.efz	6
ActivIdentity Oberthur Galactic 32K 1	ac_p11.efz	6
Aladdin eToken PRO 16K	etkn_p11.efz	7
Aladdin eToken PRO 32K	etkn_p11.efz	7
Aladdin eToken PRO 32k 4.2b	etkn_p11.efz	7
Aladdin eToken PRO 64K	etkn_p11.efz	7
Aladdin eToken PRO 64k 4.2	etkn_p11.efz	7
Aladdin eToken PRO 64k 4.2b	etkn_p11.efz	7
Aladdin eToken PRO 72k Java 1.0	etkn_p11.efz	7
Aladdin eToken PRO 72k Java 1.0b	etkn_p11.efz	7
Aladdin eToken PRO NG-FLASH	etkn_p11.efz	7

Token Name	Driver	Version
Aladdin eToken PRO OTP	etkn_p11.efz	7
Aladdin eToken PRO SmartCard CardOS 4.1	etkn_p11.efz	7
Aladdin eToken PRO SmartCard CardOS 4.2	etkn_p11.efz	7
Bypass BEID	bypass.efz	1
CAC Axalto Cyberflex Access 32K V2 SM 7.2	cac_p11.efz	2
CAC Axalto Cyberflex Access 32K V4 SM 1.3	cac_p11.efz	2
CAC Axalto Cyberflex Access 64K Pegasus v2c	cac_p11.efz	2
CAC Axalto Cyberflex Access 64K V1 SM 2.1	cac_p11.efz	2
CAC Axalto Cyberflex Access 64K V1 SM 4.1	cac_p11.efz	2
CAC Axalto Cyberflex Access 64K v2a SM 2.3	cac_p11.efz	2
CAC Axalto Cyberflex Access 64K v2b SM 1.1	cac_p11.efz	2
CAC Axalto Cyberflex Access e-gate 32K	cac_p11.efz	2
CAC GemXpresso PRO R3 E64 PK Standard Version 1	cac_p11.efz	2
CAC GemXpresso PRO R3 E64 PK Standard Version 2	cac_p11.efz	2
CAC Gemplus GemXpresso PRO 64K FIPS v1 Dual ATR	cac_p11.efz	2
CAC Gemplus GemXpresso PRO 64K R3 FIPS V2	cac_p11.efz	2
CAC Gemplus GemXpresso PRO 64K R3 FIPS V2 2	cac_p11.efz	2
CAC Gemplus GemXpresso PRO 64K R3 v1 Dual ATR	cac_p11.efz	2
CAC Oberthur Cosmopol IC 32K	cac_p11.efz	2
CAC Oberthur CosmopolIC 64K V5.2 Fast ATR	cac_p11.efz	2
FINEID 1016 (SetCOS 4.3.1B3/PKCS#15, VRK)	opsc_p11.efz	14
FINEID 2032 (EIDApplet/7816-15, VRK test)	opsc_p11.efz	14
FINEID 2064 (EIDApplet/7816-15, VRK)	opsc_p11.efz	14
FINEID 2132 (EIDApplet/7816-15, 3rdparty test)	opsc_p11.efz	14
FINEID 2164 (EIDApplet/7816-15, 3rdparty)	opsc_p11.efz	14

Token Name	Driver	Version
FINEID 2264 (EIDApplet/7816-15, OPK/EMV/AVANT)	opsc_p11.efz	14
FINEID 2264 (EIDApplet/7816-15, OPK/EMV/AVANT) 2	opsc_p11.efz	14
Gemalto Classic TPC	gemctpc.efz	1
Gemalto IDPrime MD 830 - FIPS	idprime.efz	1
Gemalto IDPrime MD 830 - ICP	idprime.efz	1
Oberthur Cosmo 64k v5 AuthentIC v2.2 t0	ober_p11.efz	2
Oberthur Cosmo 64k v5 AuthentIC v2.2 t1	ober_p11.efz	2
Oberthur Cosmo 64k v5.2/3 AuthentIC v2.2 t0	ober_p11.efz	2
Oberthur Cosmo 64k v5.2/3 AuthentIC v2.2 t1	ober_p11.efz	2
Oberthur Cosmo 64k v5.4 AuthentIC v2.2 t0	ober_p11.efz	2
PIV Gemalto TOP DL GX4 144K FIPS	piv_p11.efz	6
PIV Giesecke & Devrient SmartCafe Expert 144K DI v3.2	piv_p11.efz	6
PIV JCOP 2.4.2 (Austriacard)	piv_p11.efz	6
PIV Oberthur IDOne Cosmo 128	piv_p11.efz	6
PIV Oberthur IDOne Cosmo 64	piv_p11.efz	6
RSA 5200 Smart Card	msc_p11.efz	6
RSA 6100 USB Authenticator (e-gate)	msc_p11.efz	6
RSA SecurID 800	msc_p11.efz	6
RSA SecurID 800 Rev D	msc_p11.efz	6
RSA Smart Key 6200	msc_p11.efz	6
SCSquare Apollo OS	scsquare.efz	3
Safenet 330	ikey_p11.efz	4
Safenet 330m	ikey_p11.efz	4
Safenet ikey 2032 p11	ikey_p11.efz	4
Safenet ikey 4000 p11	ik4k_p11.efz	2



Token Name	Driver	Version
Setec Instant EID IP2	opsc_p11.efz	14
Siemens CardOS M4.0	opsc_p11.efz	14
Siemens CardOS M4.01	opsc_p11.efz	14
Siemens CardOS M4.01a	opsc_p11.efz	14
Siemens CardOS M4.10	opsc_p11.efz	14
Siemens CardOS M4.2	opsc_p11.efz	14
Siemens CardOS v4.3	opsc_p11.efz	14
Siemens CardOS v4.3b	opsc_p11.efz	14
Starcos SPK 2.3/2.4	opsc_p11.efz	14
Swedish NIDEL card	opsc_p11.efz	14
VASCO CertiID CardOS V4.01a	vasc_p11.efz	4
VASCO CertiID CardOS V4.01a - E	vasc_p11.efz	4
VASCO CertiID CardOS V4.01a DP860	vasc_p11.efz	4
VASCO CertiID CardOS V4.3B	vasc_p11.efz	4
VASCO CertiID CardOS V4.3B - DP KEY 860	vasc_p11.efz	4
VASCO CertiID CardOS V4.3B - E	vasc_p11.efz	4
VASCO CertiID CardOS V4.3B DP860	vasc_p11.efz	4
VASCO CertiID DP KEY 1	vasc_p11.efz	4
VASCO CertiID DP KEY 1 - ACS RFID	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 5.4	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 5.4D	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 7.0.0	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 7.0.0D	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 7.0.1	vasc_p11.efz	4
VASCO CertiID DP KEY 101 - 7.0.1D	vasc_p11.efz	4

Token Name	Driver	Version
VASCO CertiID DP KEY 200	vasc_p11.efz	4
VASCO CertiID DP KEY 200 - 5.4	vasc_p11.efz	4
VASCO CertiID DP KEY 200 - 7.0.0D	vasc_p11.efz	4
VASCO CertiID DP KEY 200 - 7.0.1	vasc_p11.efz	4
VASCO CertiID DP KEY 200 - 7.0.1D	vasc_p11.efz	4
VASCO CertiID DP KEY 200 - RFID	vasc_p11.efz	4
VASCO CertiID DP KEY 860	vasc_p11.efz	4
VASCO CertiID DP KEY 860 - 5.4	vasc_p11.efz	4
VASCO CertiID DP KEY 860 - 7.0.1	vasc_p11.efz	4
VASCO CertiID IDOneClassic V5 SCI - E	vasc_p11.efz	4
VASCO CertiID IDOneClassic V5 USB - E	vasc_p11.efz	4
VASCO CertiID IDOneClassic V5.4	vasc_p11.efz	4
VASCO CertiID IDOneClassic V5.4D	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0.0 SCI - E	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0.1	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0.1 SCI - E	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0.1D	vasc_p11.efz	4
VASCO CertiID IDOneClassic V7.0D	vasc_p11.efz	4
VASCO CertiID StarCOS V3.1	vasc_p11.efz	4
VASCO CertiID-Generic CardOS V4.01a	vasc_p11.efz	4
VASCO CertiID-Generic CardOS V4.3B	vasc_p11.efz	4
VASCO CertiID-Generic IDOneClassic V5 SCI	vasc_p11.efz	4
VASCO CertiID-Generic IDOneClassic V5 USB	vasc_p11.efz	4
VASCO CertiID-Generic IDOneClassic V7.0.0 SCI	vasc_p11.efz	4

Token Name	Driver	Version
VASCO CertiID-Generic IDOneClassic V7.0.1 SCI	vasc_p11.efz	4

### 3 Supported smart-card readers (USB and PCMCIA)

Reader Name	Driver	Version
ACS ACR 38U-CCID	prd_ccid.efz	8
ActivIdentity ActivKey_Sim	ccidlega.efz	4
ActivIdentity Activkey Display	ccidlega.efz	4
ActivIdentity USB Reader 2.0	prd_ccid.efz	8
ActivIdentity USB Reader 3.0	prd_ccid.efz	8
Aladdin eToken 16K	etok_prd.efz	6
Aladdin eToken 32K	etok_prd.efz	6
Aladdin eToken 32K OTP	etok_prd.efz	6
Aladdin eToken 64K	etok_prd.efz	6
Aladdin eToken 64K NG-FLASH	etok_prd.efz	6
Aladdin eToken 64K OTP	etok_prd.efz	6
Aladdin eToken 72K	prd_ccid.efz	8
Alcor Micro (Lenovo X240, T540)	prd_ccid.efz	8
Athena ASE IIIe	prd_ccid.efz	8
Axalto Reflex 20 v2 PCMCIA	ccidlega.efz	4
Axalto Reflex 20 v3 PCMCIA	ccidlega.efz	4
Axalto Reflex 20 v3 PCMCIA Ic	ccidlega.efz	4
Axalto Reflex USB v3	prd_ccid.efz	8
Axalto or Schlumberger e-Gate	egate.efz	2
C3PO LTC31	prd_ccid.efz	8
C3PO LTC31 usb2.0	prd_ccid.efz	8
Cherry ST-1044U	prd_ccid.efz	8

Reader Name	Driver	Version
Cherry SmartTerminal ST-2XXX	prd_ccid.efz	8
Cherry XX33	prd_ccid.efz	8
Cherry XX44	prd_ccid.efz	8
DELL E6400	prd_ccid.efz	8
DELL E6400_2	prd_ccid.efz	8
Dell Keyboard SK-3106	prd_ccid.efz	8
Dell Latitude D420, D620, D820; Precision M65, M90 - O2Micro	ccidlega.efz	4
Dell Latitude D430, D630, D830; Precision M4300 - O2Micro OZ776)	ccidlega.efz	4
Dell Smart Card Reader USB Keyboard	prd_ccid.efz	8
Gemplus GemCore POS Pro	prd_ccid.efz	8
Gemplus GemCore SIM Pro	prd_ccid.efz	8
Gemplus GemPC Express	prd_ccid.efz	8
Gemplus GemPC Key	prd_ccid.efz	8
Gemplus GemPC Pinpad	prd_ccid.efz	8
Gemplus GemPC Twin	prd_ccid.efz	8
Gemplus GemPC433 SL	prd_ccid.efz	8
Generic CCID reader	prd_ccid.efz	8
HP KUS0133 keyboard	prd_ccid.efz	8
KOBIL KAAAN Advanced	prd_ccid.efz	8
KOBIL KAAAN Base	prd_ccid.efz	8
KOBIL KAAAN SIM III	prd_ccid.efz	8
KOBIL mIdentity	prd_ccid.efz	8
KSI 1500 (SCM SCR 338) USB Keyboard	prd_ccid.efz	8
Lenovo T410 and T510 Smart Card reader	prd_ccid.efz	8
O2 Micro Oz776	prd_ccid.efz	8

Reader Name	Driver	Version
OmniKey CardMan 3021	prd_ccid.efz	8
OmniKey CardMan 3821	prd_ccid.efz	8
OmniKey CardMan 5121	prd_ccid.efz	8
OmniKey CardMan 5125	prd_ccid.efz	8
OmniKey CardMan 6121	prd_ccid.efz	8
Omnikey CardMan 1021	prd_ccid.efz	8
Omnikey CardMan 4321 ExpressCard54	prd_ccid.efz	8
Omnikey CardMan 5321	prd_ccid.efz	8
RSA 6100 USB Authenticator (Axalto e-gate)	egate.efz	2
RSA SecureID 800	ccidlega.efz	4
RSA Smart Key 6200	etok_prd.efz	6
SCM SCR 241 PCMCIA	ccidlega.efz	4
SCM SCR 243 PCMCIA	ccidlega.efz	4
SCM SCR 331 USB	prd_ccid.efz	8
SCM SCR 331-DI USB	prd_ccid.efz	8
SCM SCR 3310 NTTCom USB	prd_ccid.efz	8
SCM SCR 3310 USB	prd_ccid.efz	8
SCM SCR 3311 USB	prd_ccid.efz	8
SCM SCR 3320 USB	prd_ccid.efz	8
SCM SCR 333 USB	prd_ccid.efz	8
SCM SCR 3340 ExpressCard54	prd_ccid.efz	8
SCM SCR 335 USB	prd_ccid.efz	8
SCM SCR 355 USB	prd_ccid.efz	8
SCM SDIO 10 (SCR 331-DI) USB	prd_ccid.efz	8
SCM SPR 532 USB	prd_ccid.efz	8

Reader Name	Driver	Version
SCR SCR 331-DI NTTCom USB	prd_ccid.efz	8
Safenet ikey 2032 reader	ikey_prd.efz	2
Silitek SK-3105	prd_ccid.efz	8
SmartEpad	prd_ccid.efz	8
Teo by Xiring	prd_ccid.efz	8
Vasco DP Key 101	prd_ccid.efz	5
Vasco DP Key 200	prd_ccid.efz	4
Vasco DP Key 855	prd_ccid.efz	5
Vasco DP Key 860	prd_ccid.efz	4
Vasco DP865	prd_ccid.efz	5
Vasco DP905	prd_ccid.efz	8
VeriSign Secure Storage Token	prd_ccid.efz	8
Verisign Secure Token	prd_ccid.efz	8