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Sun Ray Peripherals/3rd Party Component List as of 3/13/2009

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USB Smart Card Readers

External USB CCID Compliant Smart Card Readers

Company	Product	Supported	Known to Work	Web Address
Advanced Card Systems Limited	ACR38U-CCID		X	http://www.acs.com.hk
ActivIdentity	ActiveCard USB Reader V3.0	X		http://www.actividentity.com
ActivIdentity	ActivKey SIM		X	http://www.actividentity.com
Alcor Micro	Alcor Micro AU9520		X	http://www.alcormicro.com
Athena Smartcard Solutions	ASEDrive IIIe USB V2		X	http://athena-scs.com
C3PO	LTC31		X	http://www.c3po.es
C3PO	LTC32		X	http://www.c3po.es
Cherry	SmartTerminal ST-2XXX		X	http://www.cherrycorp.com
Cherry	ST-1044U		X	http://www.cherrycorp.com
Eutronsec	SIMPocket Combo		X	http://www.eutronsec.com
Eutronsec	Smart Pocket		X	http://www.eutronsec.com
Gemalto	Axalto Reflex USB v3		X	http://www.gemalto.com
Gemalto	GemPC433-LS		X	http://www.gemalto.com
Gemalto	PC Twin USB (GemPC Twin USB)		X	http://www.gemalto.com
Gemalto	PC Pinpad Reader (GemPC Pinpad)		X	http://www.gemalto.com
Gemalto	USB Shell Token V2 Transparent (GemPC Key)		X	http://www.gemalto.com
Gemalto	GemPC Express		X	http://www.gemalto.com
Gemalto	GemPC USB SL		X	http://www.gemalto.com
Kobil	KAAN Base		X	http://www.kobil.com
Kobil	KAAN Advanced		X	http://www.kobil.com
Kobil	mIDentity		X	http://www.kobil.com
Kobil	SecOVID Reader III		X	http://www.kobil.com
O2Micro	O2Micro Oz7762		X	http://www.o2micro.com
OmniKey	Cardman 3021		X	http://www.omnikey.com
OmniKey	Cardman 3121		X	http://www.omnikey.com
OmniKey	Cardman 3621		X	http://www.omnikey.com
OmniKey	Cardman 3821		X	http://www.omnikey.com
OmniKey	Cardman 4321		X	http://www.omnikey.com
OmniKey	Cardman 5121		X	http://www.omnikey.com
OmniKey	Cardman 5125		X	http://www.omnikey.com
OmniKey	Cardman 5321		X	http://www.omnikey.com
OmniKey	Cardman 6121		X	http://www.omnikey.com
Reiner SCT	cyberJack PinPad		X	http://www.reiner-sct.com
RSA	SecurID SID800		X	http://www.rsa.com
SCM Microsystems	SCR 331		X	http://www.scmmicro.com
SCM Microsystems	SCR 331-DI		X	http://www.scmmicro.com
SCM Microsystems	SCR 331-DI NTTCom		X	http://www.scmmicro.com
SCM Microsystems	SCR 3310	X		http://www.scmmicro.com
SCM Microsystems	SCR 3310 NTTCom		X	http://www.scmmicro.com
SCM Microsystems	SCR 3311		X	http://www.scmmicro.com
SCM Microsystems	SCR 3320		X	http://www.scmmicro.com
SCM Microsystems	SCR 333		X	http://www.scmmicro.com
SCM Microsystems	SCR 3340 ExpressCard 54		X	http://www.scmmicro.com

USB Smart Card Readers

SCM Microsystems	SCR 335		X	http://www.scmmicro.com
SCM Microsystems	SDI 010		X	http://www.scmmicro.com
SCM Microsystems	SPR 532		X	http://www.scmmicro.com
Sitecom	Sitecom USB simcard reader MD-010		X	http://www.sitecom.com
Xiring	Teo by Xiring		X	http://www.xiring.com

USB Smart Card Tokens

USB Smart Card Tokens

Company	Product	Supported	Known to Work	Web Address
Aladdin	eToken PRO 72K Java		X	http://www.aladdin.com/
Giesecke & Deurient	StarSign Card Token 350		X	http://www.gi-de.com
Giesecke & Deurient	StarSign Card Token 550		X	http://www.gi-de.com
RSA	SecurID 800 Hybrid Authenticator		X	http://www.rsa.com
SafeNet	IKey 4000 Authentication Token		X	http://www.safenet-inc.com
Verisign	Secure Storage Token		X	http://www.verisign.com
Verisign	USB Token		X	http://www.verisign.com

USB Smart Card Keyboards

USB Smart Card Keyboards

Company	Product	Supported	Known to Work	Web Address
Athena Smartcard Solutions	ASEDrive IIIe Keyboard		X	http://athena-scs.com
C3PO	KBR36		X	http://www.c3po.es
Cherry	XX44		X	http://www.cherrycorp.com
Fujitsu-Siemens	Fujitsu Siemens SmartCard Keyboard USB 2A		X	http://www.fujitsu-siemens.com/
HP	USB Smartcard Keyboard		X	http://www.hp.com
HP	HP Modular USB Smart Card reader		X	http://www.hp.com

USB Biometric Devices

USB Biometric Devices

Company	Product	Supported	Known to Work	Web Address
Crossmatch Technologies	Crossmatch Fingerprint Scanner		X	http://www.crossmatch.net
SecuGen	SecuGen Hamster IV Fingerprint Scanner		X	www.secugen.com

Press Release about SecuGen -

http://enewschannels.com/2009/01/08/enc5383_141824.php

USB Biometric Devices



Smart Card Middleware for Windows

Smart Card Middleware for Windows

Company	Product	Supported	Known to Work	Web Address	Notes
ActivIdentity	ActivIdentity 6.x	X		www.actividentity.com	Cards supported with this middleware: CAC smart cards & Cyberflex 64k smart cards.
AET Europe	AET SafeSign		X	www.aeteurope.nl/	JCOP21 & JCOP41
Aladdin	Aladdin eToken Pro		X	www.aladdin.com	Aladdin eToken Pro 72k Smartcard
Charismathics	CSSI 4.7 middleware		X	www.charismathics.com	
Fujitsu-Seimens	Fujitsu-Services DigiClient		X	http://www.fujitsu-siemens.com/	Teo
Kobil	Kobil	X		http://www.kobil.com	TIKS

Printing Solutions

Company	Product	Supported	Known to Work	Web Address
Canon	CanonScan LIDE35	X		www.canon.com
Canon	CanonScan N670U	X		www.canon.com
Epson	Epson Stylus C86	X		www.epson.com
Epson	Epson Perfection 4870 Photo	X		www.epson.com
HP	Laserjet 8150	X		www.hp.com
HP	Laserjet 1010	X		www.hp.com
HP	Deskjet 1280	X		www.hp.com
HP	Deskjet 5650	X		www.hp.com
HP	HP Laserjet 3050	X ¹		www.hp.com
ThinPrint	ThinPrint		X	www.thinprint.com

What to look for when printing from Windows:

1. Printer driver should be part of base offering from MSFT
2. Printer does not need its own printing subsystem installed
(this is the case for some low end Lexmark & Epson printers)

Note about HP Laserjet 3050:

1. Only the Printer device is supported. Other functions (e.g. Scanner) of the HP Laserjet 3050 is neither supported nor known to work.

Monitor Solutions

Monitor Solutions

Company	Product	Supported	Known to Work	Web Address	Notes
Thruput	GF 4MP SR		X	www.thruput.com.uk	4 Mpixel
Thruput	GF VT 03		X	www.thruput.com.uk	28" 2048x2048
Thruput	GF VT 08		X	www.thruput.com.uk	30" 2560 x 1600
Thruput	GF VT 11		X	www.thruput.com.uk	56" 3840 x 2160

Smart Cards For HotDesking

Smart Cards For HotDesking: The following smart cards are supported for Hotdesking only.

For PKI login, please check the Smart Card Middleware tab.

Company	Product	Supported	Known to Work	Web Address	Notes
ActivIdentity	ActivCardGold	X		http://www.actividentity.com	
ActivIdentity	ActivCardGoldJava Card	X		http://www.actividentity.com	
Zetes	Belgian-eID	X		Not available	Belgian Identity Card
Not available	BullTB	X		Not available	
Gemalto	Cryptoflex	X		http://www.gemalto.com	
Gemalto	Cyberflex Access	X		http://www.gemalto.com	
Gemalto	CyberflexAccessDeveloper32K	X		http://www.gemalto.com	
Datakey	DatakeyModel330SafeNet	X		http://www.datakeyelectronics.com	
Not available	FCU(Feng Chia university)	X		Not available	
Not available	GD-SMARTCAFE	X		Not available	
Not available	GD-STARCOS	X		Not available	
Gemalto	GEMPLUS-MPCOS	X		http://www.gemalto.com	
Gemalto	GEMPLUS-MPCOS-3DESg	X		http://www.gemalto.com	
Gemalto	GEMPLUS-PCOS	X		http://www.gemalto.com	
Gemalto	GEMPLUS-GPK	X		http://www.gemalto.com	
Gemalto	GEMPLUS-GPK4000	X		http://www.gemalto.com	
Gemalto	GEMPLUS-GPK16000	X		http://www.gemalto.com	
Gemalto	GEMPLUS-GemClub-Memo	X		http://www.gemalto.com	
Gemalto	GEMPLUS-MPCOS-3DES	X		http://www.gemalto.com	
Gemalto	GEMPLUS-MPCOS	X		http://www.gemalto.com	
Gemalto	GEMPLUS-PCOS	X		http://www.gemalto.com	
Gemalto	GEMPLUS-GemXpresso	X		http://www.gemalto.com	
Gemalto	GEMPLUS-WG10-old	X		http://www.gemalto.com	
InCard Technologies	InCard	X		http://www.incard.com	
Oberthur	JavaBadgeCAC	X		http://www.oberthurcs.com	
NXP Semiconductors	JCOP21id	X		http://www.nxp.com	
NXP Semiconductors	JCOP31bio	X		http://www.nxp.com	
Schlumberger	MicroPayflex	X		http://www.slb.com	
Mondex	MondexMM2	X		http://www.mondex.com	
Mondex	MondexUNU	X		http://www.mondex.com	
Not available	OpenPlatform	X		Not available	
Sagem Orga	OrgaTokenInfoT0	X		http://www.sagem-orga.com	
Sagem Orga	OrgaTokenInfoT1	X		http://www.sagem-orga.com	

Smart Cards For HotDesking

Sagem Orga	ORGA-Micardo	X		http://www.sagem-orga.com	
Siemens	SiemensCardOS	X		http://www.siemens.com	
Not available	SpanishUniversity-TIBC	X		Not available	
Not available	PKCS15	X		Not available	Only cards with PKCS#15 AID: A000000063504 B43532D3135

Notes:

1. If a customer is interested in using a smartcard that is not yet supported, then the customer can open an RFE with Sun to get that card supported. The customer will need to provide sample cards for testing and information as to how to extract the unique ID from the card.
2. The Sun Store sells 25-card packs of simple, no-frills smartcards (X1403A Sun Ray artwork, X1404A without) that are suitable for use in Sun Ray hotdesking. These are Gemalto Payflex 1K cards.

USB to Serial Adapters

USB To Serial Adapters

Company	Product	Supported	Known to Work	Web Address	Notes
Digi International, Inc.	Digi 2	X		www.digi.com	P/N: 50000980-01
Digi International, Inc.	Digi 4	X		www.digi.com	P/N: 50000982-01
Digi International, Inc.	Edgeport/1	X		www.digi.com	
Digi International, Inc.	Edgeport/2	X		www.digi.com	
Digi International, Inc.	Edgeport/21	X		www.digi.com	
Digi International, Inc.	Edgeport/4	X		www.digi.com	
Digi International, Inc.	Edgeport/42	X		www.digi.com	
Digi International, Inc.	Edgeport/421	X		www.digi.com	
Digi International, Inc.	Edgeport/8r	X		www.digi.com	
Digi International, Inc.	Edgeport/2i- RS-422/485	X		www.digi.com	
Keyspan	USA-19	X		www.keyspan.com	
Keyspan	USA-49	X		www.keyspan.com	
Keyspan	USA-49LC	X		www.keyspan.com	
Keyspan	USA-49WLC	X		www.keyspan.com	
Quatech	SSU100	X		www.quatech.com	
Quatech	DSU100	X		www.quatech.com	
Quatech	QSU100	X		www.quatech.com	