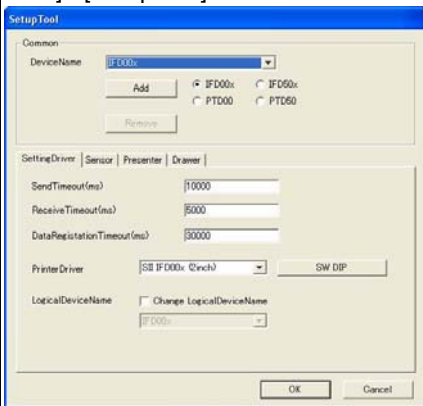
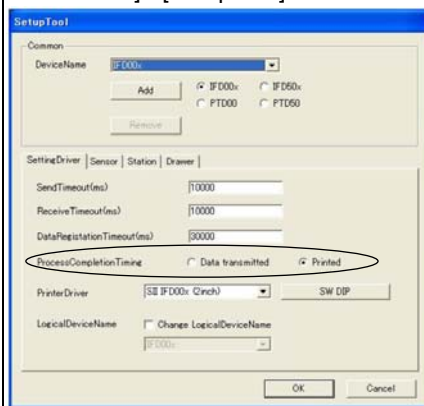


Type: A = Addition, D = Deletion, M = Modification

( ) in the category of page shows the page number of previous version.

Date	Type	Page	Before change	After change
2010.12		Cover	<u>Rev. 1.0</u>	<u>U00122125401</u>
↑	M	Copyright	First Edition June 2010	First Edition <u>Ver.1.03</u> June 2010 Second Edition <u>Ver.1.20</u> December 2010
↑	A	Copyright	-	Microsoft®, Windows®, Visual Studio®, Visual Basic® and Visual C++® are registered trademarks of Microsoft Corporation USA.
↑	M	All pages	specified in Kbyte Kbytes Unit: Kbytes	KB
↑	M	All pages	Mbyte(s)	MB
↑	M	All pages	ms	millisecond
↑	M	All pages	" " (except in the list of " ") empty string ("") empty string "(empty string)"	"(empty string)"
↑	M	All pages	Peripheral <u>D</u> evice selection	Peripheral <u>d</u> evice selection
↑	M	10	<b>1.2. Overview of OPOS Control</b> <b>(1) Structural Drawing of OPOS Control</b> This OPOS Control can only control one POS Printer connected to an interface board connected to a POS (PC) by RS-232C, parallel cable or USB cable, and one Cash Drawer connected to <u>the POS Printer</u> .	<b>1.2. Overview of OPOS Control</b> <b>(1) Structural Drawing of OPOS Control</b> This OPOS Control can only control one POS Printer connected to an interface board connected to a POS (PC) by RS-232C, parallel cable or USB cable, and one Cash Drawer connected to <u>the Interface board</u> .
↑	A	11	<b>1.3. Limitation (POS Printer, Cash Drawer)</b> <b>(1) POS Printer</b>	<b>1.3. Limitation (POS Printer, Cash Drawer)</b> <b>(1) POS Printer</b> 4. If the registry "ProcessCompletionTiming" is set in "1", "Execution Response Request" command is used to control the print operation. Do not include "Execution Response Request" command in the binary data following "Pass through embedded data (ESC #E)" by Escape Sequence. 5. When an error occurs, hardware reset is transmitted by OCX to clear the remaining print data. However, a part of the remaining print data might be printed depending on the timing of the error release and the hardware reset transmission on communication lines.
↑	M	11	<b>(2) Cash Drawer</b> All interfaces of OPOS Cash Drawer device are provided, with the following limitations.	<b>(2) Cash Drawer</b> <u>OPOS Cash Drawer is available after setting the function of Cash Drawer to enable by the Function Settings in the interface board. See the technical reference of the interface board for the Function Settings.</u> All interfaces of OPOS Cash Drawer device are provided, with the following limitations.
↑	M	13	<b>2.3. Default Setting for Installation</b>	<b>2.3. Default Setting for Installation</b>

Date	Type	Page	Before change	After change
			[POSPrinterSetupInformationIFD00x] Version: <u>1.9.4</u>	[POSPrinterSetupInformationIFD00x] Version: <u>1.9.9</u>
↑	M	13	Description SII POS Printer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc.	SII POS Printer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc.
↑	M	13	AutoCutter Autocutter function 0: <u>Active</u> 1: <u>Not active</u>	AutoCutter Autocutter function 0: <u>Enable</u> 1: <u>Disable</u>
↑	M	13	<u>DeviceName</u>	<u>DriverName</u>
↑	M	13	MCAutoSave Storing of maintenance counter 0: <u>Not active</u> 1: <u>Active</u>	MCAutoSave Storing of maintenance counter 0: <u>Disable</u> 1: <u>Enable</u>
↑	M	13	NearEnd Paper-near-end sensor function 0: <u>Active</u> 1: <u>Not active</u>	NearEnd Paper-near-end sensor function 0: <u>Enable</u> 1: <u>Disable</u>
↑	M	14 (13)	PeripheralDevice <u>Drawer, winder, presenter function</u> 0: <u>Presenter is active</u> 1: <u>Drawer/winder is active</u> 2: <u>Drawer is active</u> 3: <u>Not active</u>	PeripheralDevice <u>Peripheral Device selection</u> 0: <u>Reserved</u> 1: <u>Drawer is enable</u> (when IFD501 is used) 2: <u>Drawer is enable</u> (when IFD001 is used) 3: <u>Reserved</u>
↑	M	14	ReceiveTimeout <u>5000</u> Specify the receive timeout (ms).	ReceiveTimeout <u>10000</u> Specify the receive timeout (millisecond).
↑	M	14	DataRegistrationTimeout Specify the arrangement waiting timeout of user area (ms).	DataRegistrationTimeout Specify the user area reduction timeout (millisecond).
↑	A	14	-	ProcessCompletionTiming
↑	M	14	[POSPrinterSetupInformationIFD50x] <u>DeviceName</u>	[POSPrinterSetupInformationIFD50x] <u>DriverName</u>
↑	A	14	-	PeripheralDevice
↑	M	14	The values other than that for <u>DeviceName</u> are same as those for the ...	The values other than that for <u>DriverName</u> and <u>PeripheralDevice</u> are same as those for the ...
↑	M	14	[POSPrinterSetupInformationPTD00] <u>DeviceName</u>	[POSPrinterSetupInformationPTD00] <u>DriverName</u>
↑	M	14	The values other than that for <u>DeviceName</u> are same as those for the ...	The values other than that for <u>DriverName</u> are same as those for the ...
↑	M	14	[POSPrinterSetupInformationPTD50] <u>DeviceName</u>	[POSPrinterSetupInformationPTD50] <u>DriverName</u>
↑	A	14	-	PeripheralDevice
↑	M	14	The values other than that for <u>DeviceName</u> are same as those for the ...	The values other than that for <u>DriverName</u> are same as those for the ...
↑	M	14	[CashDrawerSetupInformationIFD00x] Version: <u>1.9.4</u>	[CashDrawerSetupInformationIFD00x] Version: <u>1.9.6</u>
↑	M	15 (14)	Description SII Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments	Description SII Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments
↑	M	15 (14)	<u>DeviceName</u>	<u>DriverName</u>
↑	M	15	InvertDrawerStatus	InvertDrawerStatus

Date	Type	Page	Before change	After change
			F <u>Drawer signal reversal flag</u> F: <u>Reversal is not active</u> T: <u>Reversal is active</u>	F <u>Synchronization of drawer sensor status and cash drawer status</u> F: <u>When the drawer sensor status is "High", the cash drawer is open.</u> T: <u>When the drawer sensor status is "Low", the cash drawer is open.</u>
↑	M	15	[CashDrawerSetupInformationIFD50x] <u>DeviceName</u>	[CashDrawerSetupInformationIFD50x] <u>DriverName</u>
↑	M	15	The values other than that for <u>DeviceName</u> are same as those for the...	The values other than that for <u>DriverName</u> are same as those for the...
↑	M	15	[CashDrawerSetupInformationPTD00] <u>DeviceName</u>	[CashDrawerSetupInformationPTD00] <u>DriverName</u>
↑	M	15	The values other than that for <u>DeviceName</u> are same as those for the...	The values other than that for <u>DriverName</u> are same as those for the...
↑	M	15	[CashDrawerSetupInformationPTD50] <u>DeviceName</u>	[CashDrawerSetupInformationPTD50] <u>DriverName</u>
↑	M	15	The values other than that for <u>DeviceName</u> are same as those for the...	The values other than that for <u>DriverName</u> are same as those for the...
↑	M	16	2.4. Installation Procedure (1) Manual mode 2. The dialog box below is shown and the setup program starts. Click "Next(N) >." Hereinafter the installation procedure is explained with the installer screen.	2.4. Installation Procedure (1) Manual mode 2. The dialog box below is shown and the setup program starts. Click "Next(N) >." Hereinafter the installation procedure is explained with the installer screen.
↑	M	17	3. The dialog box below is shown. Click "Next(N) >."	3. The dialog box below is shown. Click "Next(N) >."
↑	M	17	4. Specify the installation folder. Install folder is located in [System drive]:\OPOS\SII by default. Click "Next>."	4. Specify the installation folder. Install folder is located in [System drive]:\OPOS\SII by default. Click "Next>."
↑	M	18	5. After selecting the place for installation, the dialog box below is shown. If you click "Install," the installation is started.	5. After selecting the place for installation, the dialog box below is shown. If you click "Install," the installation is started.
↑	M	19	7. When the configuration program starts, the dialog box below is shown. If the "OK" button is pressed, the setting value is written into the registry. The "Cancel" button cancels the configuration program. The configuration program can also be started from the OS Start menu, [Start] - [All Program] - [SII] - [SII IFD POSPrinter OPOS OCX] - [SetupTool]. 	7. When the configuration program starts, the dialog box below is shown. If the "OK" button is pressed, the setting value is written into the registry. The "Cancel" button cancels the configuration program. The configuration program can also be started from the OS Start menu, [Start] - [All Programs] - [SII] - [SII IFD POSPrinter OPOS OCX] - [SetupTool]. 
↑	M	19	8. The installation is completed. Click "Finish" to exit the installation wizard.	8. The installation is completed. Click "Finish" to exit the installation wizard.

Date	Type	Page	Before change	After change
				<u>Restart the PC after the installation.</u>
↑	M	20	(2) Silent mode 2. Start the following command from the application, which starts the installer. ..\Disk1\Setup.exe -s -f1_respond_file_path -f2_result_file_path	(2) Silent mode 2. Start the following command from the application, which starts the installer. ..\Disk1\Setup.exe -s -f1respond_file_path -f2result_file_path
↑	M	21	4. When command completes the process, the log file, which records the installation result, is output in the specified result file path. The example is shown as below. The result is recorded in ResultCode.	4. When command completes the process, the log file, which records the installation result, is output in the specified result file path. The example is shown as below. The result is recorded in ResultCode. <u>Restart the PC after the installation.</u>
↑	M	22	• When selecting "Modify" 1. The dialog to select "Modify," "Repair" and "Remove" is indicated. Select "Modify" or "Repair" for modifying OCX and installing and "Remove" for uninstallation, and click "Next>."	• When selecting "Modify" 1. The dialog to select "Modify," "Repair" and "Remove" is indicated. Select "Modify" or "Repair" for modifying OCX and installing and "Remove" for uninstallation, and click "Next>."
↑	M	23	• When selecting "Remove" 1. The dialog box is displayed to confirm uninstallation. Click "Yes"	• When selecting "Remove" 1. The dialog box is displayed to confirm uninstallation. Click " <u>Yes</u> "
↑	M	26	<b>4.1. Summary</b> CapStatisticsReporting <u>TRUE</u>	<b>4.1. Summary</b> CapStatisticsReporting <u>FALSE</u>
↑	M	26	CapUpdateStatistics <u>TRUE</u>	CapUpdateStatistics <u>FALSE</u>
↑	M	26	ServiceObjectDescription "SII IFD00x (2inch) POS Printer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc."	ServiceObjectDescription "SII IFD00x (2inch) POS Printer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc."
↑	M	26	ServiceObjectVersion <u>1009004</u>	ServiceObjectVersion <u>1009009</u>
↑	D	27	Specific Properties The initial values of CapRec ..... property and Rec ..... property are the initial values when the receipt (2) is selected by the registry value of "CurrentStation." Also, the initial values of CapJrn ..... property and Jrn ..... property are the initial values when the journal (1) is selected by the registry value of "CurrentStation."	Specific Properties -
↑	M	27	CapJrnColor PTR_COLOR_PRIMARY(1)	CapJrnColor PTR_COLOR_PRIMARY(0x00000001)
↑	M	28	CapRecColor PTR_COLOR_PRIMARY(1)	CapRecColor PTR_COLOR_PRIMARY(0x00000001)
↑	M	28	FlagWhenIdle Open * <u>Cannot be written</u>	FlagWhenIdle Open
↑	M	28	MapCharacterSet Open	MapCharacterSet Open * <u>Cannot be written</u>
↑	M	29	JrnCartridgeState PTR_CART_UNKNOWN ( <u>268435456</u> )	JrnCartridgeState PTR_CART_UNKNOWN ( <u>0x10000000</u> )
↑	M	29	JrnCurrentCartridge PTR_COLOR_PRIMARY(1)	JrnCurrentCartridge PTR_COLOR_PRIMARY ( <u>0x00000001</u> )
↑	M	30	RecCartridgeState PTR_CART_UNKNOWN ( <u>268435456</u> )	RecCartridgeState PTR_CART_UNKNOWN ( <u>0x10000000</u> )
↑	M	30	RecCurrentCartridge PTR_COLOR_PRIMARY(1)	RecCurrentCartridge PTR_COLOR_PRIMARY ( <u>0x00000001</u> )

Date	Type	Page	Before change	After change
↑	A	30	-	The initial value of the CapRec...property or Rec.....property is the initial value of when the receipt(2) is selected by "CurrentStation" of the registry value. The initial value of the CapJrn..... property or Jrn..... property is the initial value of when the journal(1) is selected by "CurrentStation" of the registry value.
↑	M	32	<b>Common Methods</b> ClearOutput Open & Claim	<b>Common Methods</b> ClearOutput Open, Claim, & Enable *1
↑	M	33	<b>Events</b> DirectIOEvent Open & Claim	<b>Events</b> DirectIOEvent Open, Claim, & Enable *1
↑	M	35	Feed unit	Feed units
↑	M	36	Reverse <u>character</u> Shading <u>character</u> Single high & wide Double high & wide Color <u>option</u>	Reverse <u>video</u> Shading Single high <u>and</u> wide Double high <u>and</u> wide <u>RGB</u> Color
↑	M	37	Right <u>justification</u>	Right <u>justify</u>
↑	M	40	<b>CapStatisticsReporting Property Remarks</b> If TRUE, the device accumulates and can provide various statistics regarding usage. The information accumulated and reported is device specific and is retrieved using the RetrieveStatistics method.	<b>CapStatisticsReporting Property Remarks</b> FALSE: No statistical data regarding the device is available.
↑	M	40	This property is initialized to <u>TRUE</u> by the Open method.	This property is initialized to <u>FALSE</u> by the Open method.
↑	M	41	<b>CapUpdateStatistics Property Remarks</b> TRUE: Some of the device statistics can be reset to zero using the ResetStatistics method.	<b>CapUpdateStatistics Property Remarks</b> FALSE: None of the statistical data can be reset/updated by the application.
↑	M	41	This property is initialized to <u>TRUE</u> by the Open method.	This property is initialized to <u>FALSE</u> by the Open method.
↑	M	42	<b>DeviceEnabled Property R/W Return</b> OPOS_E_TIMEOUT(112) The Service Object timed out waiting for a response from the device, <u>or the Control timed out waiting for a response from the Service Object.</u>	<b>DeviceEnabled Property R/W Return</b> OPOS_E_TIMEOUT(112) The Service Object timed out waiting for a response from the device, <u>or the data was unable to be transmitted to the device within the timeout.</u>
↑	M	47	<b>ResultCode Property Return</b> OPOS_E_TIMEOUT(112) The Service Object timed out waiting for a response from the device, <u>or the Control timed out waiting for a response from the Service Object.</u>	<b>ResultCode Property Return</b> OPOS_E_TIMEOUT(112) The Service Object timed out waiting for a response from the device, <u>or the data was unable to be transmitted to the device within the timeout.</u>
↑	M	48	*3: This code might not be <u>announced</u> depending on the registry settings.	*3: This code might not be <u>noticed</u> depending on the registry settings.
↑	M	50	<b>ServiceObjectDescription Property Remarks</b> Example: "SII IFD00x (2inch) POS Printer Service Object, Copyright (C) <u>2009</u> Seiko	<b>ServiceObjectDescription Property Remarks</b> Example: "SII IFD00x (2inch) POS Printer Service Object, Copyright (C) <u>2010</u> Seiko

Date	Type	Page	Before change	After change
			Instruments Inc." etc.	Instruments Inc." etc.
↑	M	51	<b>CapCharacterSet Property</b> <b>Remarks</b> This property is initialized to PTR_CCS_KAJNI(11) by the Open method.	<b>CapCharacterSet Property</b> <b>Remarks</b> This property is initialized to PTR_CCS_KANJI(11) by the Open method.
↑	M	55	<b>CapJrnCartridgeSensor Property</b> <b>Remarks</b> This property is initialized to "0" by the Open method.	<b>CapJrnCartridgeSensor Property</b> <b>Remarks</b> This property is initialized to 0 by the Open method.
↑	M	55	<b>CapJrnColor Property</b> <b>Remarks</b> PTR_COLOR_PRIMARY(1): Journal color cartridges are not supported.	<b>CapJrnColor Property</b> <b>Remarks</b> PTR_COLOR_PRIMARY(0x00000001): Journal color cartridges are not supported.
↑	M	55	When Journal is selected for the POS Printer used by the registry, this property is initialized to PTR_COLOR_PRIMARY(1) by the Open method.	When Journal is selected for the POS Printer used by the registry, this property is initialized to PTR_COLOR_PRIMARY(0x00000001) by the Open method.
↑	M	55	Otherwise, it is initialized to "0."	Otherwise, it is initialized to 0.
↑	M	57	<b>CapRecBold Property</b> <b>Remarks</b> TRUE: The receipt can print bold characters. FALSE: The receipt cannot support bold characters.	<b>CapRecBold Property</b> <b>Remarks</b> TRUE: The receipt can print bold characters. -
↑	M	60	<b>CapRecCartridgeSensor Property</b> <b>Remarks</b> This property is initialized to "0" by the Open method.	<b>CapRecCartridgeSensor Property</b> <b>Remarks</b> This property is initialized to 0 by the Open method.
↑	M	61	<b>CapRecColor Property</b> <b>Remarks</b> PTR_COLOR_PRIMARY(1): Receipt color cartridges are not supported.	<b>CapRecColor Property</b> <b>Remarks</b> PTR_COLOR_PRIMARY(0x00000001): Receipt color cartridges are not supported.
↑	M	61	When Receipt is selected for the POS Printer used by the registry, this property is initialized to PTR_COLOR_PRIMARY(1) by the Open method.	When Receipt is selected for the POS Printer used by the registry, this property is initialized to PTR_COLOR_PRIMARY(0x00000001) by the Open method.
↑	M	61	Otherwise, it is initialized to "0."	Otherwise, it is initialized to 0.
↑	M	61	<b>CapRecMarkFeed Property</b> <b>Remarks</b> This property is initialized to "0" by the Open method.	<b>CapRecMarkFeed Property</b> <b>Remarks</b> This property is initialized to 0 by the Open method.
↑	M	65	<b>FontTypefaceList Property</b> <b>Remarks</b> An empty string indicates that only the default typeface is supported. This property is initialized to "" by the Open method."	<b>FontTypefaceList Property</b> <b>Remarks</b> <u>Holds the fonts and/or typefaces that are supported by the printer.</u> An empty string indicates that only the default typeface is supported. This property is initialized to "(empty string)" by the Open method.
↑	M	68	<b>PageModeArea Property</b> <b>Remarks</b> When the DeviceEnabled property is FALSE, one of the following values is set to this property. (When MapMode = PTR_MM_DOTS (1))..... "576,1310": Paper width: 3 inches, when the extended RAM size is not known.	<b>PageModeArea Property</b> <b>Remarks</b> -

Date	Type	Page	Before change	After change
↑	M	68	When the DeviceEnabled property is TRUE, one of the following values is set to this property. (When MapMode = PTR_MM_DOTS (1))	When a valid station is specified in PageModeStation property, one of the following values is set to this property. (When MapMode = PTR_MM_DOTS (1))
↑	M	68	For IFD00x (2inch): "432,1737" When the extended RAM size is 128 KB "432,4110" When the extended RAM size is 256 KB "432,8854" When the extended RAM size is 512 KB "432,16000" When the extended RAM size is 1 MB or 2 MB  For IFD50x (2inch): "384,1949" When the extended RAM size is 128 KB "384,4616" When the extended RAM size is 256 KB "384,9933" When the extended RAM size is 512 KB "384,16000" When the extended RAM size is 1 MB or 2 MB  For 3 inches: "576,1310" When the extended RAM size is 128 KB "576,3100" When the extended RAM size is 256 KB "576,6678" When the extended RAM size is 512 KB "576,13836" When the extended RAM size is 1 MB "576,16000" When the extended RAM size is 2 MB	"432,4110" When selecting IFD00x (2inch) "384,4610" When selecting IFD50x (2inch) "576,3100" When selecting IFD00x (3inch)/IFD50x (3inch)
↑	M	71	<b>PageModePrintArea Property R/W Remarks</b> Holds the page mode print area for the selected PageModeStation property expressed in the unit specified by MapMode. <u>The size of the print area for page mode must be smaller than the page mode area.</u>	<b>PageModePrintArea Property R/W Remarks</b> Holds the page mode print area for the selected PageModeStation property expressed in the unit specified by MapMode. <u>The maximum print area is the page area.</u>
↑	M	72	<b>PageModePrintDirection Property R/W Remarks</b> <u>By switching</u> the print areas, it is possible to generate a receipt or slip with text printed in multiple rotations.	<b>PageModePrintDirection Property R/W Remarks</b> <u>By changing</u> the print areas, it is possible to generate a receipt or slip with text printed in multiple rotations.
↑	M	72	myptr.printNormal(PTR_S_RECEIPT(2),"123456789012345678901234567890\n");	myptr.printNormal(PTR_S_RECEIPT),"123456789012345678901234567890\n");
↑	M	73	<b>Return</b> When this property is set, the following value is placed in the ResultCode property:.	<b>Return</b> When this property is set, the following value is placed in the ResultCode property:
↑	M	74	<b>PageModeStation Property R/W Remarks</b> This property is initialized to "0" by the Open	<b>PageModeStation Property R/W Remarks</b> This property is initialized to 0 by the Open

Date	Type	Page	Before change	After change
			method.	method.
↑	M	77	<b>JrnLineChars Property R/W</b> <b>Remarks</b> (when IFD001 is used), then the Service Object selects a <u>character size of "43."</u> )	<b>JrnLineChars Property R/W</b> <b>Remarks</b> (when IFD001 is used), then the Service Object selects a <u>JrnLineChars =43.</u> )
↑	M	77	Setting JrnLineChars also updates <u>RecLineHeight</u> and <u>RecLineSpacing</u> .	Setting JrnLineChars also updates <u>JrnLineHeight</u> and <u>JrnLineSpacing</u> .
↑	M	77	However, when the POS Printer specified by the registry is not journal, it is initialized to "0."	However, when the POS Printer specified by the registry is not journal, it is initialized to 0.
↑	M	79	<b>JrnLineHeight Property R/W</b> <b>Remarks</b> This property is initialized to 24 by the Open method. However, when the POS Printer specified by the registry is not journal, it is initialized to "0."	<b>JrnLineHeight Property R/W</b> <b>Remarks</b> This property is initialized to 24 by the Open method. However, when the POS Printer specified by the registry is not journal, it is initialized to 0.
↑	M	80	<b>JrnLineSpacing Property R/W</b> <b>Remarks</b> PTR_MM_DOTS(1)) by the Open method. However, when the POS Printer specified by the registry is not journal, it is initialized to "0."	<b>JrnLineSpacing Property R/W</b> <b>Remarks</b> PTR_MM_DOTS(1)) by the Open method. However, when the POS Printer specified by the registry is not journal, it is initialized to 0.
↑	M	81	<b>JrnLineWidthProperty</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not journal, it is initialized to "0."	<b>JrnLineWidthProperty</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not journal, it is initialized to 0.
↑	M	82	<b>JrnCartridgeState Property</b> <b>Remarks</b> PTR_CART_UNKNOWN(268435456) Device does not support cartridge state reporting.	<b>JrnCartridgeState Property</b> <b>Remarks</b> PTR_CART_UNKNOWN(0x10000000) Device does not support cartridge state reporting.
↑	M	82	This property is initialized to PTR_CART_UNKNOWN(268435456) by the Open method.	This property is initialized to PTR_CART_UNKNOWN(0x10000000) by the Open method.
↑	M	82	<b>JrnCurrentCartridge Property R/W</b> <b>Remarks</b> This property is initialized to PTR_COLOR_PRIMARY(1) when the journal is valid in the registry or to "0" when the journal is invalid by the Open method.	<b>JrnCurrentCartridge Property R/W</b> <b>Remarks</b> This property is initialized to PTR_COLOR_PRIMARY(0x00000001) when the journal is valid in the registry or to 0 when the journal is invalid by the Open method.
↑	M	83	<b>RecLineChars Property R/W</b> <b>Remarks</b> (when IFD001 is used), then the Service Object selects a <u>character size of "43."</u> )	<b>RecLineChars Property R/W</b> <b>Remarks</b> (when IFD001 is used), then the Service Object selects a <u>RecLineChars =43.</u> )
↑	M	83	However, when the POS Printer specified by the registry is not receipt, it is initialized to "0."	However, when the POS Printer specified by the registry is not receipt, it is initialized to 0.
↑	M	85	<b>RecLineHeight Property R/W</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized to "0."	<b>RecLineHeight Property R/W</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized to 0.
↑	M	86	<b>RecLineSpacing Property R/W</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized to "0."	<b>RecLineSpacing Property R/W</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized



Date	Type	Page	Before change	After change
				to 0.
↑	M	87	<b>RecLineWidth Property</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized to "0."	<b>RecLineWidth Property</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is initialized to 0.
↑	M	88	<b>RecSidewaysMaxLines Property</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is always set to "0."	<b>RecSidewaysMaxLines Property</b> <b>Remarks</b> However, when the POS Printer specified by the registry is not receipt, it is always set to 0.
↑	M	88	<b>RecSidewaysMaxChars Property</b> = Maximum height of PageModeArea property / ( <u>Print font</u> / 2 + Character space)	<b>RecSidewaysMaxChars Property</b> = Maximum height of PageModeArea property / ( <u>Print font width</u> + Character space)
↑	M	88	Example: When the PageModeArea property is "432,4110" and the RecLineChars property is "36,"	Example: When the PageModeArea property is "432,4110" and the RecLineChars property is 36,
↑	M	89	<b>RecLinesToPaperCut Property</b> <b>Remarks</b> This property is initialized to "3" by the Open method.	<b>RecLinesToPaperCut Property</b> <b>Remarks</b> This property is initialized to 3 by the Open method.
↑	M	89	However, when the POS Printer specified by the registry is not receipt, it is always set to "0."	However, when the POS Printer specified by the registry is not receipt, it is always set to 0.
↑	M	90	<b>RecCartridgeState Property</b> <b>Remarks</b> PTR_CART_UNKNOWN(268435456) Device does not support cartridge state reporting.	<b>RecCartridgeState Property</b> <b>Remarks</b> PTR_CART_UNKNOWN(0x10000000) Device does not support cartridge state reporting.
↑	M	90	This property is initialized to PTR_CART_UNKNOWN(268435456) by the Open method.	This property is initialized to PTR_CART_UNKNOWN(0x10000000) by the Open method.
↑	M	90	<b>RecCurrentCartridge Property R/W</b> <b>Remarks</b> This property is initialized to PTR_COLOR_PRIMARY(1) when the receipt is valid in the registry or to "0" when the receipt is invalid by the Open method.	<b>RecCurrentCartridge Property R/W</b> <b>Remarks</b> T This property is initialized to PTR_COLOR_PRIMARY(0x00000001) when the receipt is valid in the registry or to 0 when the receipt is invalid by the Open method .
↑	M	94	<b>ClaimDevice Method</b> <b>Return</b> OPOS_E_TIMEOUT(112) Another application has exclusive access to the device and the Timeout <u>time</u> (in millisecond) has elapsed before the device is released. Or, the POS Printer device is not available before the Timeout <u>time</u> (in millisecond) has elapsed.	<b>ClaimDevice Method</b> <b>Return</b> OPOS_E_TIMEOUT(112) Another application has exclusive access to the device and the Timeout (in millisecond) has elapsed before the device is released. Or, the POS Printer device is not available before the Timeout (in millisecond) has elapsed.
↑	M	96	<b>CheckHealth Method</b> <b>Return</b> OPOS_E_TIMEOUT(112): Data transmission timeout has occurred.	<b>CheckHealth Method</b> <b>Return</b> OPOS_E_TIMEOUT(112): Data transmission timeout or <u>data response timeout</u> has occurred.
↑	A	97	<b>ClearOutput Method</b> <b>Return</b> -	<b>ClearOutput Method</b> <b>Return</b> OPOS_E_TIMEOUT(112): Data transmission timeout or data

Date	Type	Page	Before change	After change
				response timeout has occurred. OPOS_E_EXTENDED(114): One of the errors defined by the ResultCodeExtended property except for OPOS_EPTR_TOOBIG(206), OPOS_EPTR_BADFORMAT(207), OPOS_ESTATS_ERROR(280) is notified.
↑	M	98	<b>CompareFirmwareVersion Method Return</b> One of the following values is returned by the method and also placed in the ResultCode property:	<b>CompareFirmwareVersion Method Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	99	<b>DirectIO Method Remarks</b> <b>1. Execution Response request setting</b> Informs the fact that Execution Response, which is set in the Execution Response request setting was received. Asynchronous output is also possible.	<b>DirectIO Method Remarks</b> <b>1. Execution Response request setting</b> Informs the fact that Execution Response, which is set in the Execution Response request setting was received. Asynchronous output is also possible. <u>If the registry "ProcessCompletionTiming" is set in "1", OPOS_E_ILLEGAL(106) is returned as the return value because the performance is not supported.</u>
↑	M	100	<b>Remarks</b> <b>3. Status response</b> pString : OUT Status (1 byte character)	<b>Remarks</b> <b>3. Status response</b> pString : OUT Status
↑	M	100	1: Paper sensor status (n=1) <u>End</u> "00" Paper <u>available</u> "01" No paper "04" Paper <u>available</u> "05" No paper <u>Near End</u> "00"Paper <u>available</u> (when <u>Near end</u> is <u>invalid</u> ) "01" Paper <u>available</u> (when <u>Near end</u> is <u>invalid</u> ) "01" No paper (when <u>Near end</u> is <u>valid</u> ) "05" No paper (when <u>Near end</u> is <u>valid</u> )	1: Paper sensor status (n=1) <u>Out-of-paper</u> "00" Paper "01" Paper "04" No paper "05" No paper <u>Paper-near-end</u> "00" Paper (when <u>NearEnd</u> is <u>disable</u> ) "01" No paper (when <u>NearEnd</u> is <u>enable</u> ) "04" Paper (when <u>NearEnd</u> is <u>disable</u> ) "05" No paper (when <u>NearEnd</u> is <u>enable</u> )
↑	M	100	3: Presenter status (n=3) "25" Paper detection : Yes Feed error : Yes Jam error : <u>No</u>	3: Presenter status (n=3) "25" Paper detection : Yes Feed error : Yes Jam error : <u>Yes</u>
↑	M	101	<b>Return</b> OPOS_E_TIMEOUT(112): <u>An attempt was made to gain information from the device, but no response was received from the device after 5 seconds. Or data transmission timeout has occurred.</u>	<b>Return</b> OPOS_E_TIMEOUT(112): <u>Data transmission timeout or data response timeout has occurred.</u>
↑	D	102	<b>ResetStatistics Method Syntax</b> Parameter..... This is a comma-separated list of name(s), where.....the specifically defined resettable statistic(s) are to be reset.	<b>ResetStatistics Method Syntax</b> -
↑	M	102	<b>Remarks</b> Resets the defined resettable statistics in a	<b>Remarks</b>

Date	Type	Page	Before change	After change
			device.	This method is not supported.
↑	D	102	Resettable statistics are as follows. (and following table is deleted.)	-
↑	M	102	<b>Return</b> One of the following values is returned by the method and also placed in the ResultCode property:	<b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	102	OPOS_SUCCESS (0): The statistics have been reset. OPOS_E_ILLEGAL (106): The number of the statistics specified by the CSV format in the parameter exceeds the number of the resettable statistics. OPOS_E_EXTENDED (114): ResultCodeExtended=OPOS_ESTATS_ERROR (280) At least one of the specified statistics could not be reset.	- OPOS_E_ILLEGAL (106): This method is not supported. -
↑	D	103	<b>RetrieveStatistics Method Syntax</b> Parameter.... This is a comma-separated list of name(s), where.....the specifically defined statistic(s) are to be retrieved.	<b>RetrieveStatistics Method Syntax</b> -
↑	M	103	<b>Remarks</b> Retrieves the requested statistics from a device.	<b>Remarks</b> This method is not supported.
↑	D	(103)	The CapStatisticsReporting must be TRUE in order to successfully use this method. ..... All calls to RetrieveStatistics will return the following XML as a minimum. (following XML programs are deleted.)	-
↑	D	(103 - 104)	When an application requests.... by the version attribute in the <UPOSStat> tag. If the device does not...the corresponding <Value> tag will empty.	-
↑	D	(104 - 105)	Available statistics are as follows. (following table is deleted.)	-
↑	M	103 (105)	<b>Return</b> One of the following values is returned by the method and also placed in the ResultCode property:	<b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	103 (105)	OPOS_SUCCESS(0) The statistics have been retrieved and placed into the supplied buffer. OPOS_E_ILLEGAL(106) All the statistics of the specified name are undefined. OPOS_E_EXTENDED (114) ResultCodeExtended=OPOS_ESTATS_ERROR (280) At least one of the specified statistics could not be reset. Other values See ResultCode.	- OPOS_E_ILLEGAL(106) This method is not supported. - -
↑	M	104 (106)	<b>UpdateFirmware Method Return</b>	<b>UpdateFirmware Method Return</b>

Date	Type	Page	Before change	After change																																																																																																																																																																																																																																																
			<u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	104 (106)	<b>UpdateStatistics Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>UpdateStatistics Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	A	105 (107)	-	<b>4.6. Specific Methods</b> <b>PrintNormal Method Return</b> OPOS_E_FAILURE(111): A communication error has occurred.																																																																																																																																																																																																																																																
↑	M	105 (107)	OPOS_E_TIMEOUT(112): Data transmission timeout has occurred.	OPOS_E_TIMEOUT(112): Data transmission timeout <u>or data response timeout</u> has occurred.																																																																																																																																																																																																																																																
↑	M	106 (108)	<b>PrintTwoNormal Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>PrintTwoNormal Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	108 (110)	<b>BeginInsertion Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>BeginInsertion Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	108 (110)	<b>EndInsertion Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>EndInsertion Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	108 (110)	<b>BeginRemoval Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>BeginRemoval Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	109 (111)	<b>EndRemoval Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>EndRemoval Method Return</b> The following value is returned by the method and also placed in the ResultCode property:																																																																																																																																																																																																																																																
↑	M	111 (113)	<b>RotatePrint Method Remarks</b> If Rotation is PTR_RP_RIGHT90(257), the horizontal writing mode starts.	<b>RotatePrint Method Remarks</b> If Rotation is PTR_RP_RIGHT90(257) <u>or</u> <u>PTR_RP_LEFT90(258)</u> , the horizontal writing mode starts.																																																																																																																																																																																																																																																
↑	M	115 (117)	<b>PrintBarCode Method Remarks</b> <table><tr><th colspan="5">Maker code UPC-A left code</th><th colspan="5">Item code UPC-A right code</th><th colspan="6">Abbreviated code</th></tr><tr><th>F1</th><th>F2</th><th>F3</th><th>F4</th><th>F5</th><th>A1</th><th>A2</th><th>A3</th><th>A4</th><th>A5</th><th>Z1</th><th>Z2</th><th>Z3</th><th>Z4</th><th>Z5</th><th>Z6</th></tr><tr><td>0-9</td><td>0-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>0</td></tr><tr><td>0-9</td><td>0-9</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>1</td></tr><tr><td>0-9</td><td>0-9</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>2</td></tr><tr><td>0-9</td><td>0-9</td><td>3-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>F3</td><td>A4</td><td>A5</td><td>3</td></tr><tr><td>0-9</td><td>0-9</td><td>0-9</td><td>1-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>F3</td><td>F4</td><td>A5</td><td>4</td></tr></table>	Maker code UPC-A left code					Item code UPC-A right code					Abbreviated code						F1	F2	F3	F4	F5	A1	A2	A3	A4	A5	Z1	Z2	Z3	Z4	Z5	Z6	0-9	0-9	0	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	0	0-9	0-9	1	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	1	0-9	0-9	2	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	2	0-9	0-9	3-9	0	0	0	0	0-9	0-9	0-9	F1	F2	F3	A4	A5	3	0-9	0-9	0-9	1-9	0	0	0	0	0-9	0-9	F1	F2	F3	F4	A5	4	<b>PrintBarCode Method Remarks</b> <table><tr><th colspan="5">Maker code UPC-A left code</th><th colspan="5">Item code UPC-A right code</th><th colspan="6">Abbreviated code</th></tr><tr><th>F1</th><th>F2</th><th>F3</th><th>F4</th><th>F5</th><th>A1</th><th>A2</th><th>A3</th><th>A4</th><th>A5</th><th>Z1</th><th>Z2</th><th>Z3</th><th>Z4</th><th>Z5</th><th>Z6</th></tr><tr><td>0-9</td><td>0-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>0</td></tr><tr><td>0-9</td><td>0-9</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>1</td></tr><tr><td>0-9</td><td>0-9</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>A3</td><td>A4</td><td>A5</td><td>2</td></tr><tr><td>0-9</td><td>0-9</td><td>3-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>F3</td><td>A4</td><td>A5</td><td>3</td></tr><tr><td>0-9</td><td>0-9</td><td>0-9</td><td>1-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>0-9</td><td>F1</td><td>F2</td><td>F3</td><td>F4</td><td>A5</td><td>4</td></tr><tr><td>0-9</td><td>0-9</td><td>0-9</td><td>0-9</td><td>1-9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0-9</td><td>5-9</td><td>F1</td><td>F2</td><td>F3</td><td>F4</td><td>A6</td></tr></table>	Maker code UPC-A left code					Item code UPC-A right code					Abbreviated code						F1	F2	F3	F4	F5	A1	A2	A3	A4	A5	Z1	Z2	Z3	Z4	Z5	Z6	0-9	0-9	0	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	0	0-9	0-9	1	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	1	0-9	0-9	2	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	2	0-9	0-9	3-9	0	0	0	0	0-9	0-9	0-9	F1	F2	F3	A4	A5	3	0-9	0-9	0-9	1-9	0	0	0	0	0-9	0-9	F1	F2	F3	F4	A5	4	0-9	0-9	0-9	0-9	1-9	0	0	0	0	0-9	5-9	F1	F2	F3	F4	A6
Maker code UPC-A left code					Item code UPC-A right code					Abbreviated code																																																																																																																																																																																																																																										
F1	F2	F3	F4	F5	A1	A2	A3	A4	A5	Z1	Z2	Z3	Z4	Z5	Z6																																																																																																																																																																																																																																					
0-9	0-9	0	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	0																																																																																																																																																																																																																																					
0-9	0-9	1	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	1																																																																																																																																																																																																																																					
0-9	0-9	2	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	2																																																																																																																																																																																																																																					
0-9	0-9	3-9	0	0	0	0	0-9	0-9	0-9	F1	F2	F3	A4	A5	3																																																																																																																																																																																																																																					
0-9	0-9	0-9	1-9	0	0	0	0	0-9	0-9	F1	F2	F3	F4	A5	4																																																																																																																																																																																																																																					
Maker code UPC-A left code					Item code UPC-A right code					Abbreviated code																																																																																																																																																																																																																																										
F1	F2	F3	F4	F5	A1	A2	A3	A4	A5	Z1	Z2	Z3	Z4	Z5	Z6																																																																																																																																																																																																																																					
0-9	0-9	0	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	0																																																																																																																																																																																																																																					
0-9	0-9	1	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	1																																																																																																																																																																																																																																					
0-9	0-9	2	0	0	0	0	0-9	0-9	0-9	F1	F2	A3	A4	A5	2																																																																																																																																																																																																																																					
0-9	0-9	3-9	0	0	0	0	0-9	0-9	0-9	F1	F2	F3	A4	A5	3																																																																																																																																																																																																																																					
0-9	0-9	0-9	1-9	0	0	0	0	0-9	0-9	F1	F2	F3	F4	A5	4																																																																																																																																																																																																																																					
0-9	0-9	0-9	0-9	1-9	0	0	0	0	0-9	5-9	F1	F2	F3	F4	A6																																																																																																																																																																																																																																					
↑	M	117 (119)	[Code 128] Allowable Character The first letter of the first line should be decimal number, 103(0x67),104(0_x_	[Code 128] Allowable Character The first letter of the first line should be decimal number,																																																																																																																																																																																																																																																

Date	Type	Page	Before change	After change
			68),105(0x69), after that at least one letter should be included.	103(0x67),104(0x68),105(0x69), after that at least one letter should be included.
↑	M	128 (130)	<b>ChangePrintSide Method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>ChangePrintSide Method Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	129 (131)	<b>MarkFeed method Return</b> <u>One of the following values</u> is returned by the method and also placed in the ResultCode property:	<b>MarkFeed method Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	133 (135)	<b>DirectIOEvent Event Remarks</b> This <u>even</u> is notified by Service Object to directly communicate with the application.	<b>DirectIOEvent Event Remarks</b> This <u>event</u> is notified by Service Object to directly communicate with the application.
↑	A	133 (135)	-	If the registry "ProcessCompletionTiming" is set in "1", this event is not notified.
↑	M	134 (136)	<b>ErrorEvent Event Syntax</b> OPOS_ER_RETRY(11) Retry the asynchronous output. The error state is exited.	<b>ErrorEvent Event Syntax</b> OPOS_ER_RETRY(11) Retry the asynchronous output. The error state is exited. <u>If "ProcessCompletionTiming" is set in "0", this event prints the data not being transmitted to the printer.</u> <u>If "ProcessCompletionTiming" is set in "1", this event prints the unprinted data.</u>
↑	M	136 (138)	<b>5.1. Summary Common Properties</b> CapUpdateStatistics <u>TRUE</u>	<b>5.1. Summary Common Properties</b> CapUpdateStatistics <u>FALSE</u>
↑	M	136 (138)	ControlObjectVersion "1009004"	ControlObjectVersion 1009004
↑	M	136 (138)	ServiceObjectDescription "SII IFD00x (2inch) Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc."	ServiceObjectDescription "SII IFD00x (2inch) Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc."
↑	M	136 (138)	ServiceObjectVersion "100900 <u>4</u> "	ServiceObjectVersion 100900 <u>6</u>
↑	M	137 (139)	<b>Common Methods</b> DirectIO Open	<b>Common Methods</b> DirectIO Open & <u>Enable *1</u>
↑	A	137 (139)	-	*1: Item for which the necessary condition differs from that in "UnifiedPOS Retail Peripheral Architecture, Ver. 1.9."
↑	M	137 (139)	<b>Events</b> DirectIOEvent Open	<b>Events</b> DirectIOEvent Open & <u>Enable *1</u>
↑	A	137 (139)	-	*1: Item for which the necessary condition differs from that in "UnifiedPOS Retail Peripheral Architecture, Ver. 1.9."
↑	M	139 (141)	<b>CapStatisticsReporting Property Remarks</b> FALSE: <u>Statistics notification is not supported.</u>	<b>CapStatisticsReporting Property Remarks</b> FALSE: <u>No statistical data regarding the device is available.</u>
↑	M	140	<b>CapUpdateStatistics Property</b>	<b>CapUpdateStatistics Property</b>

Date	Type	Page	Before change	After change
		(142)	<b>Remarks</b> FALSE: <u>Statistics notification is not supported.</u>	<b>Remarks</b> FALSE: <u>None of the statistical data can be reset/updated by the application.</u>
↑	M	148 (150)	<b>ResultCode Property</b> <b>Remarks</b> The <u>PowerState</u> values are:	<b>ResultCode Property</b> <b>Remarks</b> The <u>ResultCode</u> values are:
↑	M	149 (151)	<b>ResultCodeExtended Property</b> <b>Remarks</b> This property is initialized to "0" by the Open method.	<b>ResultCodeExtended Property</b> <b>Remarks</b> This property is initialized to 0 by the Open method.
↑	M	150 (152)	<b>ServiceObjectDescription Property</b> <b>Remarks</b> Example: "SII IFD00x (2inch) Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc." etc.	<b>ServiceObjectDescription Property</b> <b>Remarks</b> Example: "SII IFD00x (2inch) Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc." etc.
↑	M	150 (152)	<b>State Property</b> <b>Remarks</b> OPOS_S_CLOSED(1) The Control is closed. (Default).	<b>State Property</b> <b>Remarks</b> OPOS_S_CLOSED(1) The Control is closed. (Default)
↑	M	152 (154)	<b>ClaimDevice Method</b> <b>Return</b> OPOS_E_TIMEOUT(112) Another application has exclusive access to the device and the Timeout <u>time</u> (in millisecond) has elapsed before the device is released. Or, the device is not available before the Timeout <u>time</u> (in millisecond) has elapsed.	<b>ClaimDevice Method</b> <b>Return</b> OPOS_E_TIMEOUT(112) Another application has exclusive access to the device and the Timeout (in millisecond) has elapsed before the device is released. Or, the device is not available before the Timeout (in millisecond) has elapsed.
↑	A	153 (155)	<b>Close Method</b> <b>Return</b> -	<b>Close Method</b> <b>Return</b> Other values: Refer to the description of the ResultCode property.
↑	M	153 (155)	<b>CompareFirmwareVersion Method</b> <b>Return</b> <u>One of</u> the following values is returned by the method and also placed in the ResultCode property:	<b>CompareFirmwareVersion Method</b> <b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	A	153	<b>DirectIO method</b> <b>Return</b> -	<b>DirectIO method</b> <b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	A	155 (157)	<b>ResetStatistics Method</b> <b>Return</b> -	<b>ResetStatistics Method</b> <b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	A	155 (157)	<b>RetrieveStatistics Method</b> <b>Return</b> -	<b>RetrieveStatistics Method</b> <b>Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	156 (158)	<b>UpdateFirmware Method</b> <b>Return</b> <u>One of</u> the following values is returned by the method and also placed in the ResultCode	<b>UpdateFirmware Method</b> <b>Return</b> The following value is returned by the method and also placed in the ResultCode

Date	Type	Page	Before change	After change
			property:	property:
↑	M	156 (158)	<b>UpdateStatistics Method Return</b> One of the following values is returned by the method and also placed in the ResultCode property:	<b>UpdateStatistics Method Return</b> The following value is returned by the method and also placed in the ResultCode property:
↑	M	158 (160)	<b>OpenDrawer Method Syntax</b> LONG OpenDrawer ()	<b>OpenDrawer Method Syntax</b> LONG OpenDrawer ();
↑	M	160 (162)	<b>Chapter6 : Registry for OCX 6.1. POS Printer</b> \\FD00x ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.4"	<b>Chapter6 : Registry for OCX 6.1. POS Printer</b> \\FD00x ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.9"
↑	M	160 (162)	"Description"=" SII POS Printer Service Object, Copyright (C) 2009 Seiko Instruments Inc."	"Description"=" SII POS Printer Service Object, Copyright (C) 2010 Seiko Instruments Inc."
↑	M	160 (162)	"DeviceName"="SII IFD00x (2inch)"	"DriverName"="SII IFD00x (2inch)"
↑	M	160 (162)	"ReceiveTimeout"="5000"	"ReceiveTimeout"="10000"
↑	M	160 (162)	\\FD50x ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.4"	\\FD50x ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.9"
↑	M	160 (162)	"Description"=" SII POS Printer Service Object, Copyright (C) 2009 Seiko Instruments Inc."	"Description"=" SII POS Printer Service Object, Copyright (C) 2010 Seiko Instruments Inc."
↑	M	160 (162)	"DeviceName"="SII IFD50x (2inch)"	"DriverName"="SII IFD50x (2inch)"
↑	M	161 (163)	"PeripheralDevice"="2"	"PeripheralDevice"="1"
↑	M	161 (163)	"ReceiveTimeout"="5000"	"ReceiveTimeout"="10000"
↑	A	161	-	"ProcessCompletionTiming"="1"
↑	M	161 (163)	\\PTD00 ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.4"	\\PTD00 ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.9"
↑	M	161 (163)	"Description"=" SII POS Printer Service Object, Copyright (C) 2009 Seiko Instruments Inc."	"Description"=" SII POS Printer Service Object, Copyright (C) 2010 Seiko Instruments Inc."
↑	M	161 (163)	"DeviceName"="SII PTD00 (2inch)"	"DriverName"="SII PTD00 (2inch)"
↑	M	161 (163)	"ReceiveTimeout"="5000"	"ReceiveTimeout"="10000"
↑	A	161	-	"ProcessCompletionTiming"="1"
↑	M	161 (163)	\\PTD50 ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.4"	\\PTD50 ="OPOS.POSPRINTER.SO.SII.IFD.1" "Version"="1.9.9"
↑	M	161 (163)	"Description"=" SII POS Printer Service Object, Copyright (C) 2009 Seiko Instruments Inc."	"Description"=" SII POS Printer Service Object, Copyright (C) 2010 Seiko Instruments Inc."
↑	M	161 (163)	"DeviceName"="SII PTD50 (2inch)"	"DriverName"="SII PTD50 (2inch)"
↑	M	161 (163)	"PeripheralDevice"="2"	"PeripheralDevice"="1"
↑	M	161	"ReceiveTimeout"="5000"	"ReceiveTimeout"="10000"

Date	Type	Page	Before change	After change
		(163)		
↑	A	161	-	"ProcessCompletionTiming"="1"
↑	M	162 (164)	AutoCutter Autocutter function 0 : <u>Active</u> 1 : <u>Not active</u>	AutoCutter Autocutter function 0 : <u>Enable</u> 1 : <u>Disable</u>
↑	M	162 (164)	DataRegistrationTimeout <u>Arrangement waiting timeout of user area</u> (millisecond)	DataRegistrationTimeout <u>User area reduction timeout</u> (millisecond)
↑	M	162 (164)	<u>DeviceName</u>	<u>DriverName</u>
↑	M	162 (164)	MCAutoSave Storing of maintenance counter 0 : <u>Not active</u> 1 : <u>Active</u>	MCAutoSave Storing of maintenance counter 0 : <u>Disable</u> 1 : <u>Enable</u>
↑	M	162 (164)	NearEnd Paper-near-end sensor function 0 : <u>Active</u> 1 : <u>Not active</u>	NearEnd Paper-near-end sensor function 0 : <u>Enable</u> 1 : <u>Disable</u>
↑	M	162 (164)	PeripheralDevice <u>Drawer, winder, presenter function</u> 0 : <u>Presenter is active.</u> 1 : <u>Drawer/winder is active.</u> 2 : <u>Drawer is active.</u> 3 : <u>Not active</u>	PeripheralDevice <u>Peripheral Device selection</u> 0 : <u>Reserved</u> 1 : <u>Drawer is enable (when IFD501 is used.)</u> 2 : <u>Drawer is enable (when IFD001 is used.)</u> 3 : <u>Reserved</u>
↑	M	162 (164)	ReceiveTimeout Receive timeout	ReceiveTimeout Receive timeout ( <u>millisecond</u> )
↑	M	162 (164)	SendTimeout Transmission timeout	SendTimeout Transmission timeout ( <u>millisecond</u> )
↑	A	162	-	ProcessCompletionTiming
↑	M	163 (165)	6.2. Cash Drawer \\IFD00x = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.4</u> "	6.2. Cash Drawer \\IFD00x = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.6</u> "
↑	M	163 (165)	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc."	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc."
↑	M	163 (165)	" <u>DeviceName</u> "="SII IFD00x (2inch) "	" <u>DriverName</u> "="SII IFD00x (2inch) "
↑	M	163 (165)	\\IFD50x = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.4</u> "	\\IFD50x = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.6</u> "
↑	M	163 (165)	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc."	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc."
↑	M	163 (165)	" <u>DeviceName</u> "="SII IFD50x (2inch) "	" <u>DriverName</u> "="SII IFD50x (2inch) "
↑	M	163 (165)	\\PTD00 = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.4</u> "	\\PTD00 = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"=" <u>1.9.6</u> "
↑	M	163 (165)	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2009</u> Seiko Instruments Inc."	"Description"=" SII Cash Drawer Service Object, Copyright (C) <u>2010</u> Seiko Instruments Inc."
↑	M	163	" <u>DeviceName</u> "="SII PTD00 (2inch) "	" <u>DriverName</u> "="SII PTD00 (2inch) "



Date	Type	Page	Before change	After change
		(165)		
↑	M	163 (165)	\PTD50 = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"="1.9.4"	\PTD50 = OPOS.CASHDRAWER.SO.SII.IFD.1 "Version"="1.9.6"
↑	M	163 (165)	"Description"=" SII Cash Drawer Service Object, Copyright (C) 2009 Seiko Instruments Inc."	"Description"=" SII Cash Drawer Service Object, Copyright (C) 2010 Seiko Instruments Inc."
↑	M	163 (165)	"DeviceName"="SII PTD50 (2inch) "	"DriverName"="SII PTD50 (2inch) "
↑	M	164 (166)	<u>DeviceName</u>	<u>DriverName</u>
↑	M	164 (166)	InvertDrawerStatus <u>Reversal of drawer sensor</u> F: <u>No reversal</u> T: <u>Reversal is active</u>	InvertDrawerStatus <u>Synchronization of drawer sensor status and cash drawer status.</u> F: <u>When the drawer sensor status is "High", the cash drawer is open.</u> T: <u>When the drawer sensor status is "Low", the cash drawer is open.</u>