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1 Purpose

This document provides details on installing the WSApp on a JS-950WS.

2 Preparation

Before installing the WSApp, the following equipment is required:

(1) JS-950WS – the following software should already be installed:

- Windows XP Professional SP2
- Device Drivers
 - (*) Refer to the latest Windows XP Installation Guide for details
- OPOS Drivers
 - (*) Refer to the latest OPOS Guide for details
- (2) USB Keyboard
- (3) USB Mouse- this is an option but it is useful
- (4) WSApp Installer

3 Basic Flow

Below is an illustration of the basic flow for installing the WSApp.



4 **Operation**



(2) Enter "regedit" and press [OK]



(3) Registry Editor will display

Expand the file tree to display the registry keys under:

"My Computer"→"HKEY_LOCAL_MACHINE"→"OLEforRetail"→"ServiceOPOS"-

a Registry ration	🗿 Registry Editor 📃 🗖 🔀					
File Edit View Favorites Help						
BACCARDUSE AFEV_CLOSESS POOT AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSESS AFEV_CLOSES AFEV_CLOSES AFEV_CLOSES AFEV_CLOSES AFEV_CLOSES AFEV_CLOSES AFEV_CLOSES AFEV_CLOSE	Name Name	Туре	Data			

(4) Rename registry as displayed below.

"My Computer" → "HKEY_LOCAL_MACHINE" → "OLEforRetail" → "ServiceOPOS" → "CashDrawer"

Rename "JS-950WS_CD1 " to "JS-9000CD1"

Rename "JS-950WS_CD2 " to "JS-9000CD2"

"My Computer"→"HKEY_LOCAL_MACHINE"→"OLEforRetail"→"ServiceOPOS"→"LineDisplay"

Rename "JS-950WS_VFD2L " to "JS-9000LD"

"My Computer"→"HKEY_LOCAL_MACHINE"→"OLEforRetail"→"ServiceOPOS"→"MSR"

Rename "MSR250 " to "msr210d"

File Edit View Favorites Help					
🚚 My Computer	Name	Type	Data		
HKEY_CLASSES_ROOT	ab (Default)	REG SZ	JS-950W5 VFD2L		
HKEY_CURRENT_USER	abDescription	REG SZ	15-950W5 Line Display 21		
HKEY_LOCAL_MACHINE	abDeviceName	REG SZ	15-950W5 VED2L		
🗉 🧰 HARDWARE	ableonico	DEC SZ	CUBrogram ElectOROS/Dapaceptic) 15. 0E0/US/VED211 in		
🗄 🧰 SAM	C_J JOINTO	NEG_DE	city regrammics for out and an additionally became		
SECURITY					
😑 🦲 SOFTWARE					
😨 🧰 C07ft5Y					
🕀 🧰 Classes					
😟 🧰 Clients					
😟 🦲 Gemplus					
😟 🦳 Intel					
🗴 🦲 Microsoft					
😟 🧰 ODBC					
😑 🦲 OLEforRetail					
E C ServiceOPOS					
G CashDrower					
- 🛅 JS-9000CD1					
- 🦳 JS-9000CD2					
JS-950W5 CD3					
LineDicolay					
- 🖼 15-9000LD					
15-950W5 VED4L					
- Co MSD					
MSR 250					
Reparation Contractor					
P Dolicies					
Program Groups					
Dostok					
Desitek Semiconductor Corp.					
California Contractor Corp.					
Garma					
Decure	3980				
windows 3.1 Migration Status					
X Iouchware	~				
- INTER COULDM					

Close "Registry Editor"

4.2 Install WSApp

(1) Run "Setup.exe" for WSApp Installer.

SAppInstallerrFor950				
File Edit View Favorites Tools Help				
🔇 Back 🔹 🕥 - 🎓 🔎 Search 🞼 Folder	s 📰 •			
Address 🛅 C:\OWS-Stingray\WSAppInstallerrFor950				💌 🄁 Go
Folders	Name 🔺	Size	Туре	Date Modified
🚱 Desktop	exec		File Folder	2/6/2008 3:11 Pf
🖃 🧁 My Documents	ayout		File Folder	2/6/2008 3:11 Pf
My Music	🚞 sharedli		File Folder	2/6/2008 3:11 P
My Pictures	Autorun	1 KB	Setup Information	3/25/2005 10:22
🖃 👮 My Computer	🚼 data1	553 KB	Cabinet File	2/4/2008 8:55 Pf
🖃 🥯 Local Disk (C:)	🛅 data1.hdr	68 KB	HDR File	2/4/2008 8:55 Pf
Documents and Settings	🛃 data2	2,902 KB	Cabinet File	2/4/2008 8:56 Pf
🗉 🥁 Intel	🔡 engine32	409 KB	Cabinet File	12/5/2002 2:16
🖃 🦳 OWS-Stingray	🖬 layout	1 KB	BIN File	2/4/2008 8:56 Pf
DeviceDrivers	setup	105 KB	Application	12/2/2002 3:33 F
🗉 🦳 OPOS	💁 setup	1 KB	Configuration Settings	2/4/2008 8:55 Pf
🗉 🦳 Utilities	🖬 setup	188 KB	INX File	2/5/2008 11:44 /
WinXPSP2	Setup	281 KB	Bitmap Image	8/22/2003 3:08
WSADDEP	🖬 setup.boot	335 KB	BOOT File	2/4/2008 8:55 Pf
🖃 🧰 WSAppInstallerrFor950				
C exec				
ayout				
a sharedli				
🗉 🧰 Program Files				
E 🛅 WINDOWS				
🗉 📴 Control Panel				
🗉 🫅 Shared Documents				
🗉 🛅 JS950WS's Documents				
🗉 ឡ My Network Places				
👩 Recycle Bin				
	<			>

(2) Verify whether WSApp is already install

If WSApp has not installed, installation will continue \rightarrow (3)

If WSApp is detect, you must exit installation, remove currently installed WSApp, and then continue with installation.

Preparing	g Setup	stallShie	d Wizard			
Please (wait while the In	stallShield V	Vizard prepares	the setup.		-
Panasor rest of th	ic WSAPP Setu e setup process	ip is prepari . Please wa	ng the InstallShi iit.	eld Wizard, whicl	h will guide you	through the
Worksta	ation Installa	ition				
	This program	need to be	uninstalled befo	ore the workstat	ion installation (an continue.
			ОК			
- IIC Local at						
anornela -					1000	

(3) Welcome Screen is displayed.

Press [Next]

Workstation Installation	
	Welcome to the InstallShield Wizard for Panasonic WSAPP
	The InstallShield® Wizard will install Panasonic WSAPP on your computer. To continue, click Next.
	< Back Next > Cancel

(4) Enter "User Name" and "Company Name". Press [Next]

Customer Information Please enter your information.		
Please enter your name and the	name of the company for which you work.	
User Name:		
STINGRAY		
Company Name:		
PANASONIC		
tallShield		

(5) Location where WSApp is going to installed is displayed. It is recommended to accept default location.

Press [Next]

Workstatic	on Installation			
Choose D Select fo	Destination Location Ilder where setup will install files.			K
	Install Panasonic WSAPP to: C:\WSApp			Change
InstallShield –	<u>-</u>	< Back	Next >	Cancel

(6) Select Install Type.

In the case of JS950WS, select "Installation on a JS950WS". Press [Next]



(7) Select Display Size for the workstation.

Press [Next]

Workstation Installation 🛛 🛛 🗙
Select Display Size
Please choose the display size of this Workstation. (12" = JS-790-U10/JS-935/JS-950, 15" = JS-790-U51/JS-930/JS-950)
○[12 ^{'''} (800×600)]
○15″ (1024x768)
○12″ extend (1600x600)
○15″ extend (2048×768)
○15" portrait (768×1024)
InstallShield Cancel

- (8) Verify setup information is correct
 - If OK, press [Next]

If a setting change is needed, press [Back] or [Cancel]

Check Setup Information		24
Setup has enough information to t If you want to review or change a If you are satisfied with the setting	begin the file-transfer operation. ny of the settings, click Back. s, click Next to begin copying files.	
Current Settings:		
Install path: C:\WSApp Source path: \exec		2
Install type: JS950 WS Software Version: 0WS5.0 Storage Media Type: HD Drive Display Size: 1024x768 (JS9xx/J)	S790 15")	
Name: STINGRAY Company: PANASONIC		
<		>
allShield		
anonaola		
	< Back Ne	ext > Cancel

(9) OPOS Driver

OPOS driver has installed, press [Yes]

→ Installation will start

OPOS driver has not installed yet, press [No]

 \rightarrow Exit WSApp installation.

Install "OPOS drivers", then continue with WSApp installation.

		1
Setup has enough inform If you want to review or	nation to begin the file-transfer operation. change any of the settings, click Back.	
If you are satisfied with the Current Settings:	ne settings, click Next to begin copying files.	
Install path: C:W Ques Source path: Ve Install type: JS9 Software Version Storage Media	Did you perform the OPOS driver installation	?
Display Size: 10 Name: STINGRAT Company: PANASONIC	Yes No	
Inclusion in the second		

(10) Installation is completed

Press [Finish] and reboot workstation.

Workstation Installation				
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed Panasonic WSAPP. Click Finish to exit the wizard.			
	< Back Finish Cancel			

5 Troubleshooting Tips

No	Symptom	Solution
1	Mag Card / Line Display / Drawer do not work with WSAPP.	If only the WSAPP is installed, reboot and try again.
	Mag Card / Line Display / Drawer do not work with WSAPP.	Check registry key: Drawer: HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\C ashDrawer JS-9000CD1 and JS-9000CD2 HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\Li neDisplay JS-9000LD HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\M SR msr210d
	Mag Card / Line Display / Drawer do not work with WSAPP.	Check WS_Startup.log, it should display OK or NG.
	Mag Card / Line Display / Drawer do not work with WSAPP.	Check device with OPOS Manager.
2	OPOS Manager doesn't work.	Please check registry key setting: HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\C ashDrawer JS-950WS_CD1 and JS-950WS_CD2 HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\Li neDisplay JS-950WS_VFD2L HKEY_LOCAL_MACHINE\OLEforRetail\ServiceOPOS\M SR MSR250