Facial Recognition Server Software WV-ASF950 Series Instructions how to upgrade from V3.xx to V3.xx

Outline

The upgrade uses the tools as follow;

- ConfigTool : WV-ASF950 ConfigurationTool (Shortcut on desktop)
- Update tool: UpdateTool_for_ASF950_CH_R_V3_xx_to_V3_xx
 - * Check version file by using notepad, etc. ("C:\ASF900\version")

* Do not execute each tool directly from USB memory, etc. Please execute after copying to a local disk such as the Desktop.

Procedure outline:

No	Procedure	Contents	Tool for use
1	Stop the system	Stop the system, and confirm the server type is master or slave server	Config tool
2	Update the system	Copy new files and update system information	Update tool
3	Start the system	Confirm system version and start the system	Config tool
4	Update camera information	Updates the camera information to detect face mask	Config tool

Also, install the Error Notification Tool on any PC to check the server operation status.

* If the version is less than 2.00, start from installation. In the case of version 2.10 or later, it is necessary to uninstall the existing Error Notification Tool. The registered server information will remain after uninstallation, so not need to register the server again after installing the latest version.

Procedure outline:

No	Procedure	Contents	Target version
1	Uninstall	Uninstall the previous version of the Error Notification Tool.	2.10 or later
2	Install	Install the Error Notification Tool on any PC.	All version
3	Register server	Register the server in the Error Notification Tool.	Less than 2.00



1. Stop the system

- (1) Run "WV-ASF950 Configuration Tool" and click "Process Control" tab.
- (2) Check whether the server type is master server or slave server."Not Installed" is shown in the rectangle (2) of following figure, this is slave server.Otherwise this is master server.(The following figure is a sample of master server)
- (3) Make sure "All Process" is selected, then click "Stop" button.

WV-ASF950 Configuration Tool			- 🗆 🗙
WV-ASF950 Configuration Tool	(ASF950ConfigTool Vec 3.0.0.25)	English	Exit
Server Configuration Server Settings Secure Settings	License Management Process Control		
Process Control Refresh			
Start	Stop (3)		
O All Process			
● ASF950BRK01	Running		
ASF950BRK03	Running (2)		
ASF950BrokerManager	Running		
ASF950httpd	Running		
ASF950Redis	Running		
ASF950MSM	Running		
ASF950EXT01	Running		
ASF950EXT06	Running		

(4) Make sure all processes are "Stopped", then click "Exit" button.



2. Update the system

Execute Copy new files and update system information by update tool.

(1) Run "ASF950UpdateTool.exe" in the folders of "UpdateTool_for_ASF950_CH_R_V3_xx_to_V3_xx" folder.

* Please execute after copying to a local disk such as the Desktop

(2) Graphic board Select displays a list of GPUs used by the server.If the driver is not supported, a [Cancel] button with a warning will be displayed.

SF950 Software Update	- 0	×
ASPSoc Software Update Update Procedure STEP1 Start version up wizard STEP2 Update software	Graphic board Select The graphic board was not found! Please try again after installing the graphic board.	
	Can	cel

After updating the driver version to 425.31 or higher, start the advanced tool again.

(3) Click "Next" button.

ASF950 Software Update		-		×
ASP950 Software Update Update Procedure STEP1 Start version up wizard STEP2 Update software	Graphic board Select NVIDIA Quadro P5000	-		×
			Next	

- (4) In "Select server type", the automatically determined server type (master or slave) is selected. Confirm that it matches what you confirmed in "1. Stop the system (2)".
- (5) Click "Next" button.



(6) Installation and configuration of the new software will begin.When "Update Completed" is displayed and the installation is completed, click the Exit button to finish the upgrade.

ASF950 Software Update -		- 0 ×
Update Procedure STEP1 Start version up wizard STEP2 Update software	Welcome to the WV-ASF950 V3.* update wizard	
	∭ Update Completed]]; Update is now complete.)

(7) Follow the instructions in the dialog to restart server PC.





3. Start the system

- (1) Run "WV-ASF950 Configuration Tool"
- (2) Check that config tool version is "V3.xx.x.xxxx". And check that server version is "V3.xx"

[Master server]

1. Check the Broker server version.

WV-ASF950 Configuration Tool						- 0	×
WV-ASF950 Configuration Tool	F950ConfigTool W	ec 3.00: -) Process Cont	trol	Eng	lish	Exit	
Broker Node 192.168.0.215	Node Inf Edit IP Add Port N MAC A Node L	formation type Bri dress 19 No. 80 Address 18 ist Cam	oker 2.168.0.215 560-24:87:9A:1F era List		(v3.21)		
Add a node	No. 01 02	Server ID 2 1 3 2	Node No.	Node type Face Matching Node Face Matching Node	IP Address 192.168.0.215 192.168.0.216	Port No 80 80	

2. Check the Face Matching server (FM1) version.

WV-ASF950 Configuration Tool				- 🗆 X
WV-ASF950 Configuration Tool	SF950ConfigTool Ver. (.0.0.mm)		English	Exit
Server Configuration Server Settings Secure Settings License	Management Process Control			
Broker Node 192.168.0.215				
E Puniou (sep ace o ass)	Node Information			
FM1 [192.168.0.215]	Edit			
Cam2 [192.168.0.163]	Node type Face Mat	tching	(v3.¤1)	
6 FM2 [192.168.0.216]	IP Address 192.168. Port No. 80	0.215		
Caml [192.168.0.107]	MAC Address 18:60:24	87:9A:1F		
Term1-ASM300/VI Client [192.168.0.72]				يل.
	Camera List			
	No. of Entry: 2	1	1	
	No. Camera IPA 001 192.168.0.104	0800233F2422	GUID 00000000-0000-0000-0000-192165	3000104
	002 192.168.0.163	BCC34271CCF3	0000000-0000-0000-0000-192168	3000163
Add a camera Delete				
Delete	J			

[Slave server]

Check the Face Matching server (FM2 or later) version.

WV-ASF950 Configuration Tool		- 🗆 X
WV-ASF950 Configuration Tool	990ConfigTool Vec 3 0.0 m) Management Process Control	English 🔹 Exit
Server Configuration Server Settings Server Settings Uccrute Broker Node 192.168.0.215 Image: Configuration of the set o	Annagement Process Control Node Information Edit Node type Face Matching IP Address 192.168.0.216 Port No. 80 MAC Address 3C:52:82:74:0E46 Camera List No. of Entry: 1 No. Camera IPA MAC Address	(v3.a.) GUID
Add a camera Delete	001 192.168.0.107 080023457D6F	0000000-0000-0000-192168000107

- (3) Restat the PC.
- (4) After restarting th PC, run "WV-ASF950 Configuration Tool" and click "Process Control" tab. Make sure all processes are "Running", then click "Exit" button.



4. Update camera information

When using the face mask detection function of the camera (supported cameras only in i-PRO EXTREME series), it is necessary to update the camera information afar camera firmware is updated in V2.00 or later.

- (1) Run "WV-ASF950 Configuration Tool" on master server.
- (2) Select "Server Configuration" tab.

Select camera in device tree for updating information and click "Edit" button. Camera setting window is shown.

WV-ASF950 Configuration Tool		- 🗆 X
WV-ASF950 Configuration Tool	57950ConfigTool Ves 10.025) English	- Exit
Environment Server Settingt Server Settingt Lenser Broker Node 192.168.0.215 • • # Movier (192.168.0.215) • • • • # Movier (192.168.0.215) • • • • # Movier (192.168.0.215) •	Management Process Control Edit Camera (P Address 192.166.0.163 Camera Port No. 80 User admin Pasaword ***** MAC Address BCC342271-CC-F3 GUID 00000000-0000-192168000163 Camera Setting Face Detection ● On ● Off Sensitivity Low Face Matching Node IPA 192.166.0.1 Super Dynamic ©n	
Delete	Alarm Notification Terminal Noi Terminal type Terminal IP Address Port 2 ASM300 V1.50 or lat 192.168.0.72 1818	Remarks

(3) Click "Connect" button.

"Connected" is shown, and configuration tool connects the camera and gets camera information.



Face Mask Detection menu is shown. Select Face Mask Detection level in pull-down menu.

* High level is recommended. And Click "Update and Close" button.

all all and a second					
Camera Setting Face Detection O On Off					
	Sensitivity High	-			
	Face Matching Node IP Address 192.10	58.0.216			
	Super Dynamic On	-			
	Best Shot SSL Transmission On	Off			
	Face Mask Detection High (Recommend)			
Alarm Notification Term	High Midd	(Recommend)			
	Midd	le-Low			
	Off				
Update	_	Close Update and Close			

- (4) Repeat steps (2)-(3) for other cameras as well.
- (5) On "Process Control" tab, stop all processes and start them again in order to reflect the setting.



(6) If there is **another slave server**, stop all processes and start them again.



1. Uninstall

Perform this step only when there is a previous version of the Error Notification Tool (version 2.10 or later).

(1) Right-click the icon displayed in the lower right corner of the Desktop, click "Exit", and click "Yes" on the exit confirmation message to exit the tool.



- (2) Select [Control Panel]-[Uninstall a program] or [Programs and Features].
- (3) Select "WV-ASF950 Error Notification Tool" from the programs displayed in the [Uninstall or change a program] window, and click the "Uninstall" button.
- (4) Follow the on-screen instructions to uninstall.
 - * Not need to restart the PC after uninstalling.



2. Install

- (5) Copy the "UpdateTool_for_ASF950_CHR_V3_xx_to_V3_xx\05_Error Notification Tool" folder to any PC.
- (6) Execute "WV-ASF950_Error_Notification_Tool_Setup_vxxxx.exe" in the "05_Error Notification Tool" folder on the copied PC.

* xxxx contains version information.

(7) Click "Next >" button.



(8) Select "I accept the terms in the license agreement" and click "Next >" button.



(9) Installation of the Error Notification Tool starts. When the installation is completed, click the "Finish" button to finish.

WV-ASF950 Error Notification	Tool - InstallShield Wizard	\times
2	InstallShield Wizard Completed The InstallShield Wizard has successfully installed WV-ASF950 Error Notification Tool. Click Finish to exit the wizard.	
	< Back Finish Cancel	



3. Register server

Perform this procedure when performing a new installation (less than version 2.00) or when changing the system configuration.

* In the case of version 2.10 or later, the registered server information will remain after uninstallation, so not need to register the server again after installing the latest version.

- (1) Double-click "WV-ASF950 Error Notification Tool" on the Desktop to start.
 - * It does not start automatically, so please execute the tool from the shortcut after installation.
- (2) Right-click the icon displayed in the task tray and click "Open Information". The Error Notification Tool window will be displayed.



(3) Click "Add" button.

Server Registration window will be displayed.



(4) Enter the IP address.

If SSL is on for the server, check "SSL". Make sure that "Master" is checked at the server type. After setting, click "Add" button.



Confirm that the registered master server is added to the Error Notification Tool window and "Status [OK]" is displayed.

	×
ASF Series Face Server Information	
Master [192.168.0.209]	Status[OK]
Add Edit De	lete Close
Add Edit De	lete Close

If the status does not change to "OK", please check that the IP address is correct and there is no problem with the network device, and that the service process of the facial recognition server is running.

(5) If there is another master server or slave server, add the server by following steps (3)-(4). To add a slave server, select the master server and click the "Add" button.