

This document describes "i-PRO Configuration Tool" upgrade Information.  
 1. Release version: Version 3.3.0.4  
 2. Release Note Reference Number: i-PRO\_Configuration\_Tool\_V3.3.0.4

VER Release Date	Priority Rank Level				Contents
	A	B	C	U	
1.0.0.0 April, '20	U				First release (Improvement from Panasonic Security System Configuration Tool (PSSCT) V7.1.0.2)
					x 1. New GUI design based on Windows recommended pattern - Modes selectable according to the skill level: Basic mode (purpose-specific) / Professional mode (full-functional) - Search filter function on the device list (Switching search filter between "Search All" and search items is possible) - Dynamic menu control (NOT to display "unnecessary" menu and buttons) - Improved such as sequence update in progress and operation cancellation process
					x 2. New function: Thumbnail-roll - Allows for easy confirmation of the images from cameras (with enlargeable and refreshable images)
					x 3. New function: Auto-checking / Upgrading to the latest firmware - Supports with checking, acquiring and upgrading new firmware
					x 4. New function: Auto-Error Grouping / Error Resolution Assistant - Guides to resolve errors such as "Credential mismatch"
1.1.0.2 July, '20	U				x 1. Supports new cameras: WV-X1551LN, WV-X2551LN and WV-X2251L
					x 2. Supports new firmware version: WJ-NX400 V4.0, WJ-NX300 V4.0 and WJ-NX200 V4.0
					x 3. Improvement in "Configure Cameras" Improved the below items for the "Date/time" setting in multiple cameras - Changed the button name from "Date/time" to "Set PC time to the camera" so that it clearly describes how it works - Improved the time setting operation using "Set PC time to the camera" to remove time lags that may occur when setting multiple cameras
1.2.0.1 Oct., '20	U				x 1. Supports new cameras: WV-X1571LN, WV-X2571LN, and WV-X2271L
					x 2. Supports new firmware version: WJ-NX400 V4.1, WJ-NX300 V4.1, and WJ-NX200 V4.1
					x 3. Supports camera status display: Added a new function "Status of Cameras" to retrieve and display "Continuous operation" of cameras Supported cameras: i-PRO Extreme series and WV-SFN/SFR/SFV/SPN/SPW/SPV series * For details, refer to "Available function list for each compatible device.pdf" included in the package
1.3.0.1 Nov., '20	U				x 1. Integration of "Extension Software Registration Tool" Added a new function "Ext. Software Management" to allow users to: - register extension software - issue/ register/ delete Registration key Registration status of each extension software/ Registration key will be listed in the device list.
					x 2. Supports WV-CU980 firmware update Added "Enable the WV-CU980 firmware update operation" checkbox under [Update Firmware] in [Option]-> [Communication]. Default: Unchecked
					x 3. Supports pop-up notification display Notifies users of useful information of our products.

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					<b>Description</b>
1.4.0.1 Jan.,'21	C			x	1. Supports new cameras <b>except for [Configure Cameras] function (supported in V1.5.0.4)</b> : WV-S4151, WV-S4551L, WV-X4172, WV-X4173, and WV-X4573L
				x	2. Supports recorder's new firmware version: WJ-NX400 V4.2, WJ-NX300 V4.2, and WJ-NX200 V4.2
				x	3. Supports WV-XAE203W AI Non-Mask Detection(US only) by enabling: - registration of WV-XAE203W - issuance/ registration/ removal of Registration key
				x	4. Added "Log Files" checkbox to [Download Files] in Basic mode *The same function as in Professional mode
				x	5. Enables IP address assignment based on "MAC-IP configuration file" IP address can be set according to the definition in "MAC-IP setting file" by following the steps below: 1. Create "MAC-IP setting file" to define the combination of MAC address and IP address in CSV format. 2. Go to [Change IP Address] and import the CSV file. *Sample "MAC-IP setting file" will be displayed in "File name" under [Change IP Address]-> [Assign based on MAC-IP configuration file].
				x	6. Fixed the following issues: a. An issue with [Configure Cameras]: - i-Pro Configuration Tool may display "Some devices failed to upload the setup file." even when it has succeeded in configurations of all cameras. b. Issues with recorder configuration: Occurrence condition: When "Do not use stream 2 of camera with each function of this recorder. "in [Camera]-> [Advanced setup]-> [Other setup] is checked in the recorder's setting. - i-Pro Configuration Tool fails to open the configuration file downloaded from the recorder and displays "The Configuration File is invalid.", when loading the file in [Configure Recorders]. - i-Pro Configuration Tool fails to apply the settings in the configuration file downloaded from the recorder to a WJ-NX400/NX300/NX200 recorder version 3.10 or later, when uploading the configuration file in [Upload Files].
1.5.0.4 Mar.,'21	U			x	1. [Configure Cameras] function supports the following cameras: WV-S4151, WV-S4551L, WV-X4172, WV-X4173, and WV-X4573L
				x	2. Supports new cameras: WV-S8531N and WV-X8571N
				x	3. Supports recorder's new firmware version: WJ-NX400 V4.3, WJ-NX300 V4.3, and WJ-NX200 V4.3
				x	4. Supports version 1.10 of i-PRO Extreme U-series cameras as below: - Added the image capture size "2688x1520" as a maximum resolution (Applicable models: WV-U1142/WV-U2142L/WV-U1542L/WV-U2542L/WV-U2140L/WV-U2540L) - Changed the default setting in [Network Settings] from "Auto(Advanced)" to "DHCP". (Applicable models: WV-U1132/WV-U1142/WV-U2132L/WV-U2142L/WV-U1532L/WV-U1542L/WV-U2532L/WV-U2542L/WV-U1130/WV-U2130L/WV-U2140L/WV-U2530L/WV-U2540L)
				x	5. Supports server certificate check in SSL communication for security enhancement.
				x	6. Supports WV-XAE207W AI Occupancy Detection(US only) by enabling below operations on i-PRO Configuration Tool: - Install WV-XAE207W on a camera - Issue the Registration key by accessing Key Management System - Register the Registration key on a camera - Configure the settings of WV-XAE207W installed in a camera - Uninstall WV-XAE207W from a camera

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	A	B	C				
2.0.0.6 June,'21					x	1. Supports new cameras: WV-S1136, WV-S2136L, WV-S2236L, WV-S2136, <b>WV-S1536L, WV-S1536LN, WV-S2536L, and WV-S2536LN</b> *Firmware version of those cameras need to be 1.11 or later	
	Added in Aug., 2021					x	2. Added the "Camera Advanced Settings" window to enable camera individual settings on this tool. Applicable camera models: WV-S1136, WV-S2136, WV-S2136L, WV-S2236L, <b>WV-S1536L, WV-S1536LN, WV-S2536L, and WV-S2536LN</b> **"Camera Advanced Settings" window can be opened from the thumbnail menu on the main screen.
	Added in July, 2021					x	3. Supports recorder's new firmware version: WJ-NX400 V4.40, WJ-NX300 V4.40, WJ-NX200 and <b>WJ-NX100 V4.40</b>
						x	4. Supports the following new extension software: - AI Face Detection, AI People Detection, AI Vehicle Detection, and WV-SAEASF Type5
						x	5. Supports the setting and operation check of the following extension software on the "Camera Advanced Settings" window: - AI Video Motion Detection (AI-VMD), AI Privacy Guard, AI Non-Mask Detection (WV-XAE203W), AI Occupancy Detection (WV-XAE207W), AI Face Detection, AI People Detection, AI Vehicle Detection, and WV-SAEASF Type5
						x	6. Added new setting items "Audio" and "QoS" to [Configure Cameras] Applicable camera models: i-PRO Extreme series cameras
	Added in Aug., 2021					x	7. Supports the following languages: Russian, French, Spanish, German, Italian, and Portuguese
						x	8. Improved [Update Firmware] to perform firmware upgrade of WJ-NX100 and other devices separately. *WJ-NX100 has PoE function for cameras
2.1.0.0 July,'21					x	1.Improved the "Log in" window when login fails: Displays "Initialize all previously registered credentials and start the tool" at the first login failure.	
					x	2. Improved the visibility of the Device list: Added vertical lines to the title bar of the device list to separate each item.	
					x	3. Improved the firmware upgrade log for a recorder so that serial number of the recorder is always included.	
					x	4. Added a pop-up message when using extension software: Displays the following message to recommend the installation of the latest version of product firmware and extension software on the "App.Installation/Update" and "Issuance of Reg.Key" menu. "Please use the latest version of software and product firmware.(Please connect to the Internet and get the latest version.)"	
2.2.0.4 Oct.,'21					x	1. Supports new cameras: WV-U1130A, WV-U1132A, WV-U1142A, WV-U1532LA, WV-U1542LA, WV-U2130LA, WV-U2132LA, WV-U2140LA, WV-U2142LA, WV-U2530LA, WV-U2532LA, WV-U2540LA, and WV-U2542LA	
					x	2. Supports recorder's new firmware version: Version 4.50 of WJ-NX400, WJ-NX300, WJ-NX200, and WJ-NX100	
					x	3. Supports the "Camera Advanced Settings" function for the following cameras: Version 1.50 or later of WV-X2571LN, WV-X2551LN, WV-X2271L, WV-X2251L, WV-X1571LN, and WV-X1551LN Note: "Camera Advanced Settings" window can be opened from the thumbnail menu on the main screen.	
					x	4. Supports displaying multicast transmission images on the "Camera Advanced Settings" window: Applicable models: WV-X2571LN, WV-X2551LN, WV-X2271L, WV-X2251L, WV-X1571LN, and WV-X1551LN WV-S1136, WV-S2136L, WV-S2236L, WV-S2136, WV-S1536L, WV-S1536LN, WV-S2536L, WV-S2536LN, WV-S1536LTN, and WV-S2536LTN	

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2.3.0.3 Nov., '21	C				x	1. Supports new cameras: WV-S4176, WV-S4576L(M), WV-S4156, and WV-S4556L(M)
					x	2. Supports recorder's new firmware version: Version 4.60 of WJ-NX400, WJ-NX300, WJ-NX200, and WJ-NX100
					x	3. Supports [App. Installation/Update], [Issuance of Reg.Key], [Registration of Reg.Key] and [Remove App./Reg.Key] for the following new extension software: - AI-VMD/AI People Counting for 360-degree fisheye ([App. Settings] including acquisition of people count data is also supported) - AI Privacy Guard for 360-degree fisheye
					x	4. Supports the installation of WV-XLE001W (AI Processor Activation License) and 3rd party applications.
					x	5. Added JPEG, Stream, and Audio settings to "Camera Advanced Settings" window for the following cameras: Version 1.60 or later of WV-X2571LN, WV-X2551LN, WV-X2271L, WV-X2251L, WV-X1571LN, and WV-X1551LN Note: "Camera Advanced Settings" window can be opened from the thumbnail menu on the main screen.
					x	6. Fixed the following issue: Downloading configuration files and logs fails due to a communication error when upgrading NX series recorder to version 4.50 or later. Note: iCT completes firmware upgrade successfully even when this issue occurs.  Occurrence condition: - Upgrade firmware of NX series recorder to version 4.50 or later on this tool - "Download Configuration files and Logs before and after firmware update" is checked on the [Option] window-> [Communication]-> [Update Firmware] in iCT
2.4.0.3 Feb., '22	U				x	1. Supports new setting items of the extension software "AI People Detection" and "AI Vehicle Detection". The following settings have been added to the "Camera Advanced Settings" window. - AI People Detection : [Period to become bestshot target (sec)] and [Distance moved to become bestshot target (%)] - AI Vehicle Detection : [Period to become bestshot target (sec)] Note: AI People Detection and AI Vehicle Detection need to be upgraded to version 1.10 or later.
					x	2. Improved to access the camera via an appropriate browser *This improvement includes the support for Microsoft Edge IE mode When accessing the camera from the device list via a browser, iCT automatically opens an appropriate browser for each camera according to the model number, firmware version and Windows default browser setting.
3.0.0.1 Apr., '22	U	<b>Notes before updating to this version:</b> - As upgrading to this version initializes the settings of this tool, set the user authentication at startup and configure the settings on the [Option] window again in version 3.0.				
						1. Supports new cameras: - WV-S8543(L), WV-S8544(L), WV-S8563L, WV-S8564L, WV-S8573L and WV-S8574L Note on above models: Camera setting on the [Configure Cameras] window may result in an error in the [Level] of [Day & Night]. In this case, overwrite the level setting by selecting a value from 0 to 3 in [Day & Night]-> [Level] on the [Configure Cameras] window.  - WV-S15500-V3LN, WV-S15700-V2LN, WV-S22500-V3L, WV-S22700-V2L, WV-S25500-V3LN and WV-S25700-V2LN
					x	2. Supports recorder's new firmware version: Version 5.00 of WJ-NX400, WJ-NX300, WJ-NX200 and WJ-NX100
					x	3. Supports Windows 11. *Performance tested with Windows 11 Pro only.
			x	4. Changed company name from "Panasonic i-PRO Sensing Solutions Co., Ltd." to "i-PRO Co., Ltd."		

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3.1.0.3 June,'22	U				<p>Priority Rank Level                      A : Recommend to apply (Major or serious update)                      B : When issue happened                      C : Maintenance timing</p>
					<p>x</p> <p>1. Supports new cameras:                      - WV-S15500-V3L, WV-S15500-V3LN1, WV-S15500-V3LK, WV-S15600-V2L, WV-S15600-V2LN, WV-S15700-V2L, WV-S15700-V2LK, WV-S22500-V3L1, WV-S22500-V3LG, WV-S22600-V2L, WV-S22600-V2LG, WV-S22700-V2L1, WV-S22700-V2LG, WV-S25500-V3L, WV-S25500-V3LG, WV-S25500-V3LN1, WV-S25600-V2L, WV-S25600-V2LG, WV-S25600-V2LN, WV-S25700-V2L, WV-S25700-V2LG, WV-S25700-V2LN1, WV-S15500-F3L, WV-S15500-F6L, WV-S22500-F3L, WV-S22500-F6L, WV-S25500-F3L, WV-S25500-F6L</p>
					<p>x</p> <p>2. Supports the new setting item for the extension software "AI People Detection"                      - Added the [Attribute extraction for bag and shoes] On/Off setting to the [Bestshot setting] menu.</p>
3.2.0.5 July,'22	U				<p>x</p> <p>1. Supports new cameras:                      - New S-series PTZ camera:                      WV-S65340-Z4K, WV-S65340-Z4N, WV-S65340-Z2K, WV-S65340-Z2N, WV-S61302-Z4, WV-S61301-Z2</p> <p>- New U-series PTZ camera*:                      WV-U65302-Z2, WV-U65302-Z2G, WV-U65301-Z1, WV-U65301-Z1G, WV-U65300-ZY, WV-U65300-ZYG, WV-U61301-Z2, WV-U61301-Z1, WV-U61300-ZY, WV-U61300-ZYG</p> <p>*Note: [Camera Advanced Settings] window and [Ext. Software Management] window are not yet supported for New U-series PTZ cameras.</p>
					<p>x</p> <p>2. Supports recorder's new firmware version:                      Version 5.10 of WJ-NX400, WJ-NX300, WJ-NX200 and WJ-NX100</p>
					<p>x</p> <p>3. Supports the people counting function of AI-VMD (WV-XAE200W).                      [Confirm the number of people count data] function has been added to the [App. Setting] window.</p>
					<p>x</p> <p>4. Supports the registration of CA certification for HTTPS connection in the [Certification Management]* setting.                      *Renamed from [Configure IEEE802.1X] to [Certification Management] from this version.</p>
3.3.0.4 Oct.,'22	U				<p>x</p> <p>1. Supports new cameras:                      - New S-series PTZ camera:                      WV-S65302-Z2, WV-S65301-Z1, WV-S65300-ZY, WV-S61301-Z1, WV-S61300-ZY</p>
					<p>x</p> <p>2. Supports the [Camera Advanced Settings] and [Ext. Software Management] for the following cameras:                      - New S-series PTZ camera:                      WV-S65302-Z2, WV-S65301-Z1, WV-S65300-ZY, WV-S61301-Z1, WV-S61300-ZY</p> <p>- i-PRO mini Camera                      WV-S71300-F3</p>

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3.3.0.4 Oct.,'22	U				x	3. Supports the [Camera Advanced Settings] for the following cameras: - U-series Network Camera: WV-U1130A, WV-U1132A, WV-U1142A, WV-U1532LA, WV-U1542LA, WV-U2130LA, WV-U2132LA, WV-U2140LA, WV-U2142LA, WV-U2530LA, WV-U2532LA, WV-U2540LA, WV-U2542LA
					x	4. Added the following pop-up message. This message appears when accessing a device in Microsoft Edge IE mode.  Displayed message: i-PRO Configuration Tool version 2.4 or later creates a Microsoft Edge sitelist file, and changes the reference on the registry* to this sitelist file. The above change can affect the access to the other web pages in IE mode on the same PC. For details, contact your system administrator. *Applicable registry: InternetExplorerIntegrationSiteList (HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Edge)
					x	5. Supports the following new versions of the extension software released in the end of September, 2022: - WV-XAE200W (AI-VMD) V3.10 - AI Face Detection V1.30 - AI People Detection V1.30 - AI Vehicle Detection V1.30 - AI-VMD/AI People Counting for 360-degree fisheye camera V1.40 *For the details of upgrade, refer to the release note of each extension software. <a href="#">Download available at Documentation Database</a>