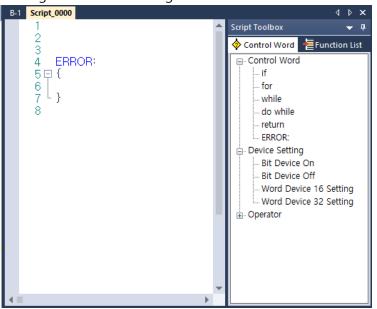
XP-Builder V3.80 Improvement & Addition

1. Improvement & Addition

1) [XP-Builder] Improved Script toolbox UI/UX

- Improved to automatically dock the script tool toolbox to the script view page instead of the existing main frame docking.



2) [XP-Builder] Improved registration of figures as HMF vector images

- Improved function to automatically create a category if there is no category in the user graphic library and register the figure as an HMF vector image.

Graphic Library X System & User Graphic02049 + O ta ta	*		
	Contraction of the local division of the loc	Cut	Ctrl+X
		Сору	Ctrl+C
HMF		Paste	Ctrl+V
		Delete	Alt+Delete
		Helpline	>
		Rotate or Flip	>
		Align	>
		Order	>
		Group	Alt+Shift+G
		Ungroup	Alt+Shift+U
		Select All	Ctrl+A
		Select Lock	Ctrl+Shift+F6
		Release Select Lock	Ctrl+Shift+F7
		Zoom	>
		Object Property	Ctrl+F3
		Screen Property	Shift+F3
		Grid Setting	Ctrl+Alt+G
		Set as Default	Ctrl+F9
		Position/Scale Change	Shift+Alt+F2
		Fit window to Shape Max size	F4
		Insert the selected shapes to active graphic library	F11

3) [XP-Builder] Improved registration of figures as HMF vector images

- Added a function to update the reference device value at the time of history alarm occurrence,

restoration, and check.				
B-1 * Script_0000 History Alarm Property				
Backup storage path:	Not used	✓ Alarm		
Clear alarm area device:	D	Acqu	isition Time Table —	
Clear alarm complete device:	D		Time (Sec)	^
□ No. of alarms occurred:	D	2	2.0	
Alarm memory full device:	D	<u>3</u>	3.0	
Non-recoverable alarm device after				
	powering on	6	6.0 7.0	
Alarm backup	U	8	8.0	
		10	10.0	
Backup start device:	D	III	_	
Backup complete device:	D	•••		~
File type: OCSV file	○ Encrypted CSV fi	led	ate Reference Device	
File name device:	D		larm Occurrence	
	BYTE swap of file na	ame 🖂 A	larm Restoration	
File name length:	8 🇘 bytes	, ✓ A	larm Check	

4) [XP-Builder] Improved alarm backup enable setting UI

- Added function to automatically check/uncheck [Alarm backup] and enable/disable related properties when selecting [Backup storage path] combo box.

B-1 * Script_0000 History Alarm Property *			
Backup storage path:	USB memory	Ŧ	Alarm
□ Clear alarm area device:	D	m	Acquisition Time Table
Clear alarm complete device:	D		1 1.0
□ No. of alarms occurred:	D	••••	2 2.0
Alarm memory full device:	D	m	XP-Builder ×
□ Non-recoverable alarm device after po	wering on		History Alarm backup path is changed.
	D		patri is changed.
Alarm backup			ОК
Backup start device:	V	m	
Backup complete device:	V		~
File type:	\bigcirc Encrypted CSV file		Update Reference Device
□ File name device:	D		Alarm Occurrence
	BYTE swap of file name		Alarm Restoration
File name length:	8 🗘 bytes		Alarm Check

- 5) [XP-Builder/XP-Runtime] Added [Recovery Time] display function to history alarm viewer
 - Added a function that automatically calculates the time taken from alarm occurrence to recovery and displays it in the [Recovery Time] column.

Basic	⊂⊽ Use H	loador					
State		e Color:		-	Text <u>C</u> o	lor:	•
Header	□ <u>B</u> ol	d	Italic		🗌 Strik	e <u>o</u> ut	Underline
Text Display Trigger		n Text Table	e in Header E ax header len Size		No. of fi	xed ref.	1
		Freque	Addres	Recover	ry Time	Ref.1	Ref.2
	Title	Frequenc	Address	Recovery	Time	Ref.1	Ref.2
	Format			HH:MM	1:SS		-
	Cell Size						
	<						>

2. Error Correction

- 1) [XP-Builder] Fixed the problem of displaying an error of 1 pixel when resizing an ellipse figure.
- [XP-Builder] Fixed the phenomenon that the insertion screen object of the base screen is shown as the background when selecting the overlap of [Window type] in the bit window object.
- 3) [XP-Builder] Corrected the phenomenon that alarm backup properties are activated when CF card is selected in history alarm backup setting in models that do not support CF card.
- 4) [XP-Builder] Fixed the error that XEC-DNxxSU, XGI-CPUZ PLC tag could not be read.
- 5) [XP-Builder] Fixed the problem of word message condition error popping up in certain project.
- 6) [XP-Runtime] Fixed abnormal behavior during PDF viewing.
- 7) [XP-Runtime] Fixed an issue where the history alarm disappears under certain conditions.
- 8) [XP-Runtime] Improved to record Previous Value in the operation log of the number input device.
- 9) [XP-Runtime] Fixed a problem that does not work when an abnormal frame is input to the barcode reader.
- 10) [XP-Remote] Fixed the phenomenon that the offset applied value is different from the value displayed on the HMI screen when connecting XP-Remote.
- 11) [wXP] Fixed the phenomenon that some object values are not displayed when restarting after exiting wXP.

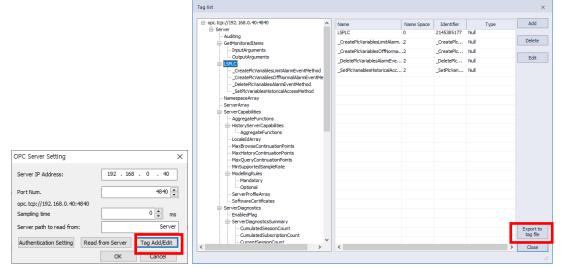
3. Communication Driver

1) Improvement

(1) OPC UA Client

- Added export function to CSV file.
 - a. How to use:

[Project Property]-[XGT Panel Settings]-[Controller]-[Tag Add/Edit]



b. Note:

The selected root at the time of export becomes the group name (Example> In the case of #2 above, LSPLC becomes the group name)

[Name] is specified as the variable name when exporting (except for namespace and identifier) [Type] is registered as BIT for Boolean and WORD for the rest.

[Device] consists of variable name + namespace + identifier at the time of export (three combinations are unique keys)

B-1 * Script_0000 History Alarm Property * Tag:1 Name NVRAM Low Batery NVRAM Invidi Data No. Logging, Backup, Storage No. Screen, Backup, Storage No. Prime USB, Over, Current, Warning No. Alam, Backup, Storage ON DFF T200MS T15 T25 T55 T105 T330 Addre Yew Project*
 'g Project Property
 'g Project Summary
 'g, Project Summary
 'g, Project Summary
 'g, Project Summary
 'g, Proteoded Device Settin
 'g, Proteoded
 'g, Proteoded Device Settin
 Device Type Ai HS0950.1 HS0950.1 HS0951.1 HS0951.2 HS0951.4 HS0950.1 HS0950.1 HS0950.1 New G NVRAM Low Battery Warnin NVRAM Invalid Data Warnin NVHAM Invalid Data Warnin No Logging Backup Storage No Recipe Backup Storage No Screen Backup Storage 🕒 Сору Ctrl+C No Screen Backup Storage No Printer USB Over Current Warning No Alam Backup Storage use Uver Current WV Ro Adam Backup Sto Always ON Always ON Status Status Status Status 10 NOFF Time 50 NOFF T HS0000 HS0000 oort XG5000 Variable System HS0000 HS0000 HS0000 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 23 24 25 26 27 28 23 31 Logging HS0000. HS0000. HS0000. → The row Alarm → The System Alarm → The History Alarm → Thistory Alarm Property → Thistory Alarm groups of the start _T60S _OSVER_MAJ _OSVER_MIN HS0000 HS0001 HS0002 HS0004 HS0005 HS0005 OSVER_MIN YEAR MON DAY HOUR MIN SEC BASESCREEN_NO GLOBALWNG1_NO GLOBALWNG2_NO SECURITY_NO ZERO CSSOMS CIS Recipe Recipe Property HS000 HS000 System System System System System System System System System HS0011 HS001 HS001 of Base Screen of Global Screen of Global Screen HS001 HS001 HS001 nt Security Level ė д 🖥 Always 0 500msec Counter 1s Counte Л HS001 HS001

c. How to import CSV file: Click [Right-click]-[Import XG5000 Symbol] in the [Tag] tab.

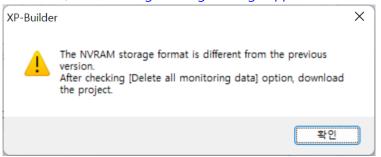
- Fixed flickering when using text input.

- Added function to save [Server path to read from] to project file.

- Resolving intermittent error code (0x800F: BadNothingTodo) and screen transition instability

XP-Builder V3.80.0605 Improvement

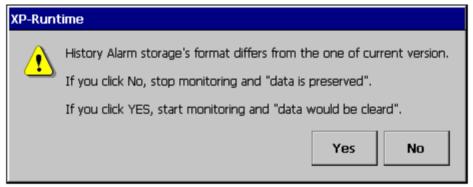
- (1) [XP-Builder] Fixed an issue where the coordinates/size of circular objects were distorted when opening a project saved in a previous version in V3.80.
- If a circle shape is newly drawn in V3.80.0403, the size needs to be reset in V3.80.0605.
- (2) [XP-Builder] Fixed an issue where internal device areas were displayed overlapping when selecting some series in English XP-Builder.
- (3) [XP-Builder] Fixed device map icon display error.
- (4) [XP-Builder] Correct color picker color selection error when enlarging the monitor magnification.
- (5) [XP-Builder] Fixed lamp operation condition error in some projects when sending project.
- (6) [XP-Builder/XP-Runtime] Added NVRAM data compatibility check with previous version due to change in history alarm structure.
- When downloading from V3.80.0605 while a device with a version older than V3.80.0605 is connected, the following warning message appears.



- When downloading V3.80.0605 and starting monitoring without selecting [Delete all monitoring data] while historical alarm data from a version prior to V3.80.0605 remains in NVRAM, the

message below appears.

Download		×
Opwinload to <u>Connect to:</u> Download	XGT Panel Ethernet (192.168.0.226), 2143 groject all forcibly	
OSave as file Eile name:	XP_Project₩	
) Execute Proje	Folder type Zip file type (xpdz)	
Update XP-Ru		
	ting is changed, the monitor data is deleted regardless of the check.	



- When selecting No, the menu screen status is maintained without monitoring the device.
- If you select Yes, the device's NVRAM data will be deleted, and a confirmation message window will pop up again.

XP-Runtime						
<u>.</u>	Are you sure to CLEAR Histor	y Alarm data?				
	Yes	No				

- If you select Yes, monitoring will begin after deleting the device's NVRAM data.
- When selecting No, the menu screen status is maintained without monitoring the device.