

Mainly to introduce the new functions of  
this version

## Delta SCADA Software

DIAView SCADA Rev4.4.0

Delta Electronics, Inc.

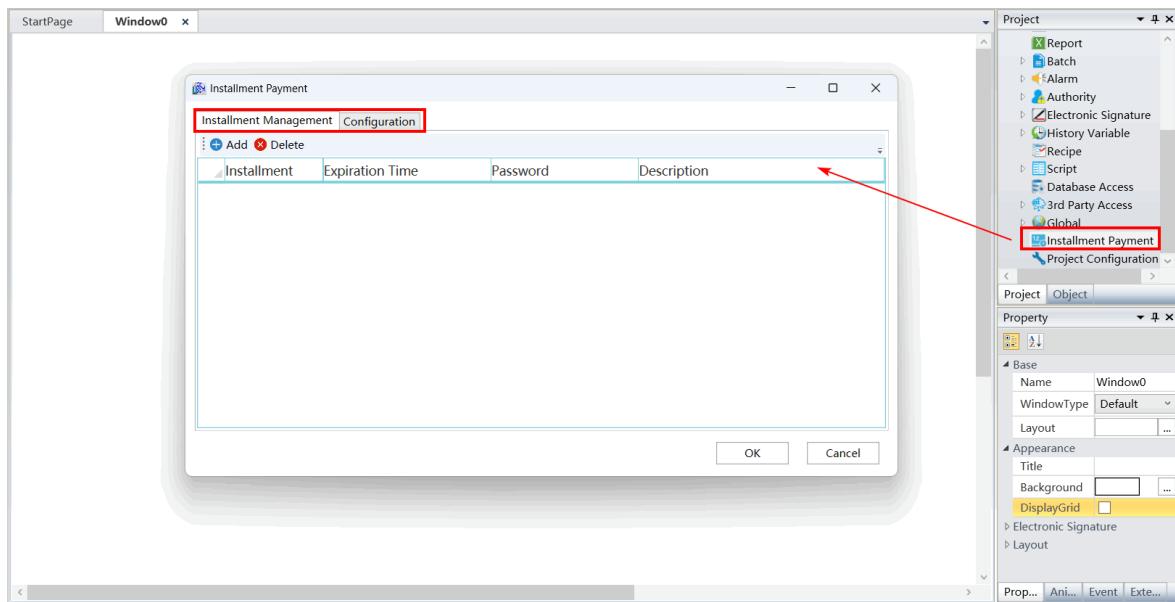
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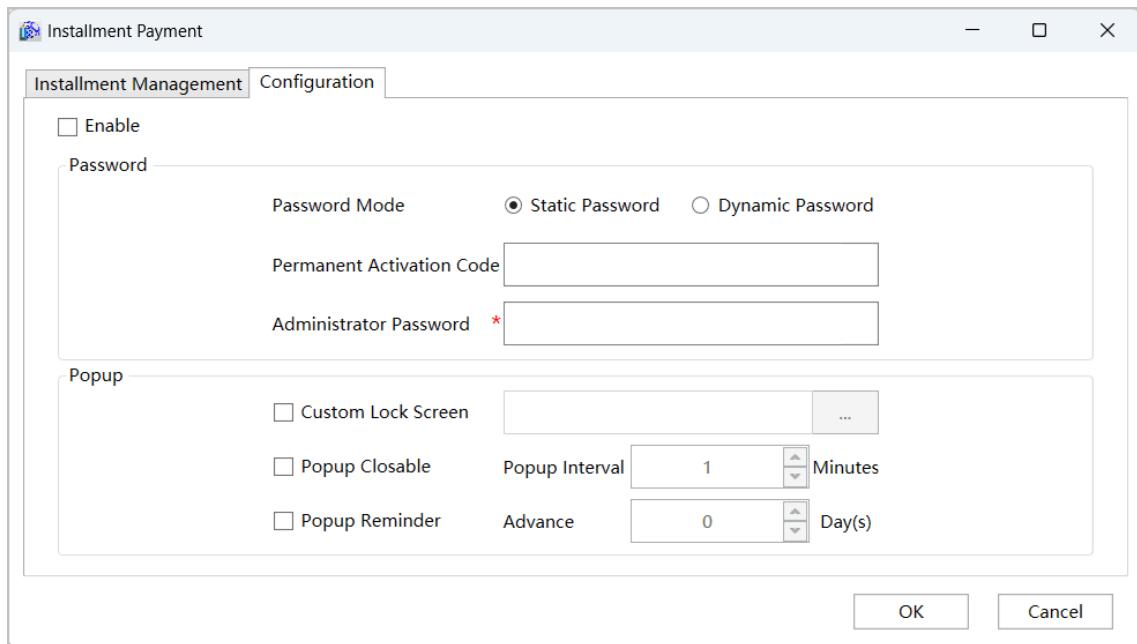
## Upgrading Function Introduction

### 1. Added installment payment

To facilitate the installment collection of payments for equipment manufacturers as agreed, this function is set up. Double-click "Installment Payment" in the project tree to open the configuration pop-up window

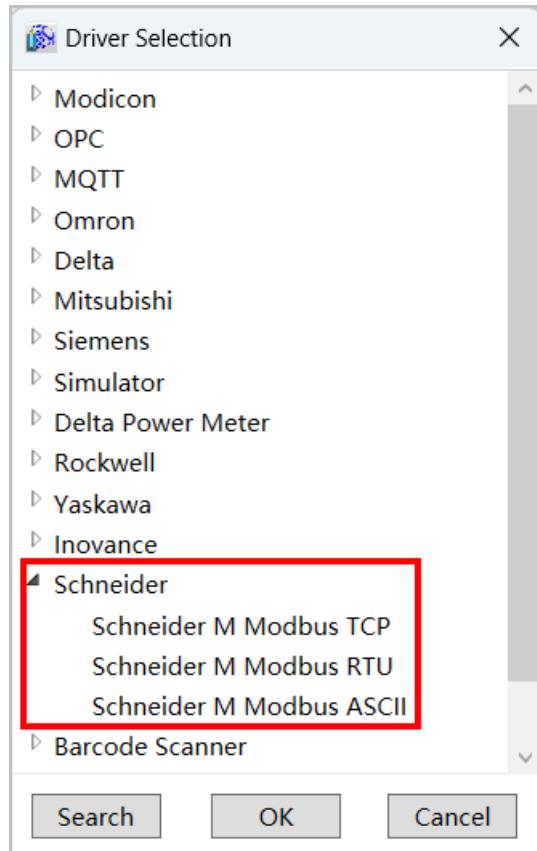


Installment payments support two unlocking methods: static password and dynamic password. Simply check the enable option to manage installments according to your settings. In the configuration window, an administrator password must be set after enabling the installment payment function. This password is specifically for installment payment purposes and will be required for subsequent configurations, unlocks, and logins to the installment payment page. Loss of this password will render the system unusable, so it must be securely stored to prevent leakage or forgetting.



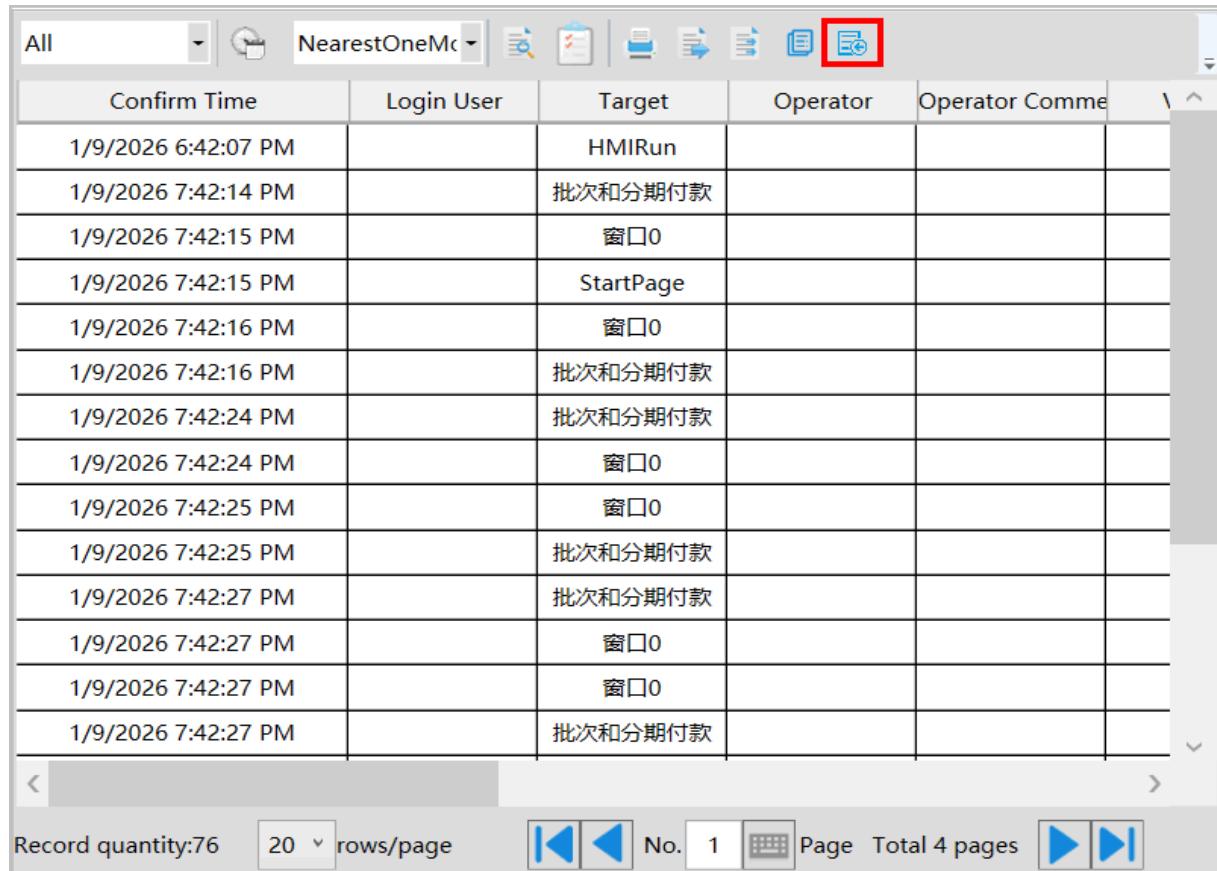
## 2. Added Schneider M series TCP and serial port drivers

Three new drivers have been added: Schneider M Modbus TCP, Schneider M Modbus RTU, and Schneider M Modbus ASCII, as shown below:



### 3. Added electronic signature data restoration

After setting data restoration in the electronic signature configuration, you can restore the backed up electronic signature data to the project configuration database through the restore button operation of the audit browser at runtime. Through the audit browser query operation, you can view the data that has been restored to the database, as shown below:



Confirm Time	Login User	Target	Operator	Operator Comment
1/9/2026 6:42:07 PM		HMIRun		
1/9/2026 7:42:14 PM		批次和分期付款		
1/9/2026 7:42:15 PM		窗口0		
1/9/2026 7:42:15 PM		StartPage		
1/9/2026 7:42:16 PM		窗口0		
1/9/2026 7:42:16 PM		批次和分期付款		
1/9/2026 7:42:24 PM		批次和分期付款		
1/9/2026 7:42:24 PM		窗口0		
1/9/2026 7:42:25 PM		窗口0		
1/9/2026 7:42:25 PM		批次和分期付款		
1/9/2026 7:42:27 PM		批次和分期付款		
1/9/2026 7:42:27 PM		窗口0		
1/9/2026 7:42:27 PM		窗口0		
1/9/2026 7:42:27 PM		批次和分期付款		

### 4. Added IntToBit variable type

In addition to the type of new variables in the variable dictionary, a new structure variable of IntToBit is added, as shown below:

StartPage Variable Dictionary x

+ Add
Insert
Delete
+ Batch Add
Import
Export
KeyWord
Search

	Name	Variable Type	Initial Value	Retentive Value	Persistent	Minimum <sup>1</sup>	Maximum Value	Deadband	Decimal Digit	Eng Units
1	Variable	Analog	0	<input type="checkbox"/>	<input type="checkbox"/>	-99999999	99999999	0	0	
2	Variable1	Digital	False	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
3	Variable2	String		<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
4	Variable3	String		<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
		Analog								
		Digital								
		String								
		IntToBit								

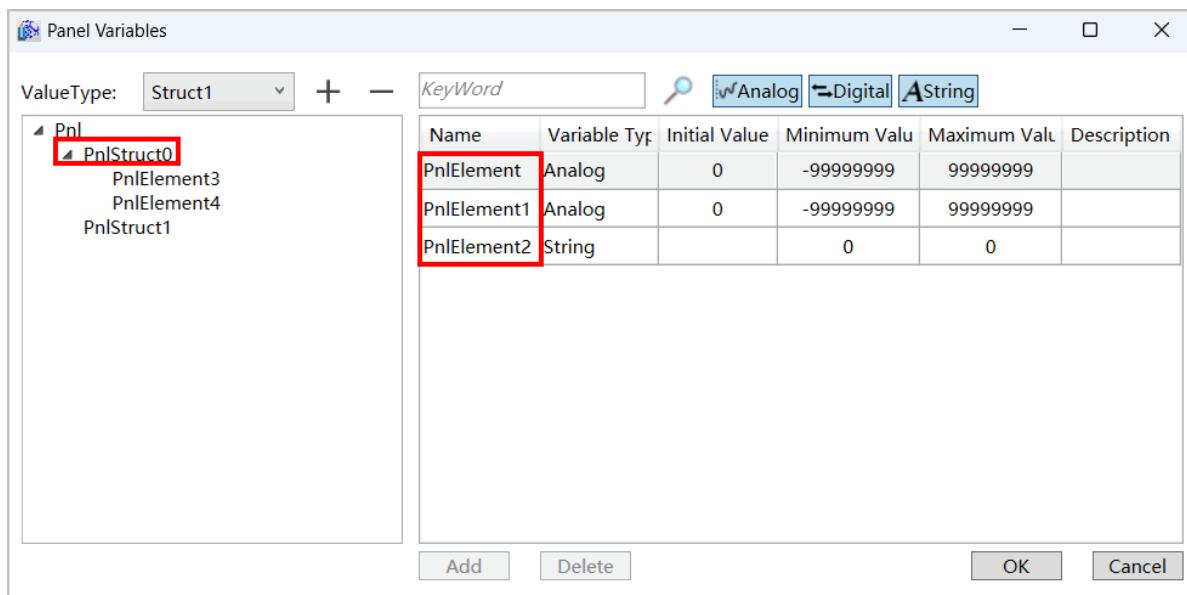
This structure type consists of an analog quantity named IntValue and 32 elements whose type is switch quantity. The names are composed of Bit0~Bit31 respectively. The value of IntValue has an interactive relationship with the True or False status of Bit0~Bit31.

Variable3 x

	Name	ElementType	Initial Value	Retentive Value	Persistent	Minimum <sup>1</sup>	Maximum Value	Deadband	Decimal Digit	Eng Units	Description
1	IntValue	Analog	0	<input type="checkbox"/>		3685478E+18	9.22337203685478E+18	0	0		
2	Bit0	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
3	Bit1	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
4	Bit2	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
5	Bit3	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
6	Bit4	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
7	Bit5	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
8	Bit6	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
9	Bit7	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
10	Bit8	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
11	Bit9	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
12	Bit10	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
13	Bit11	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
14	Bit12	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
15	Bit13	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
16	Bit14	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
17	Bit15	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	
18	Bit16	Digital	False	<input type="checkbox"/>		N/A	N/A	N/A	N/A	N/A	

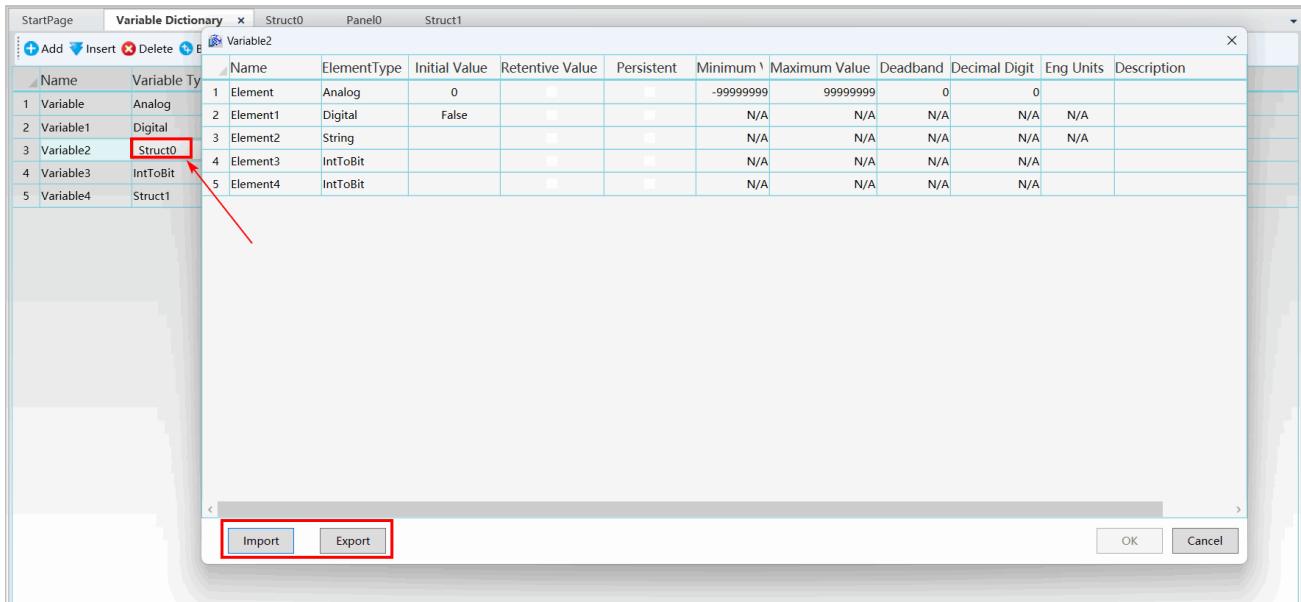
## 5. Added custom panel to create structure variables

When editing panel variables in the user panel, the numerical type can be selected from the type of structural variables that exist in the project, as shown below:



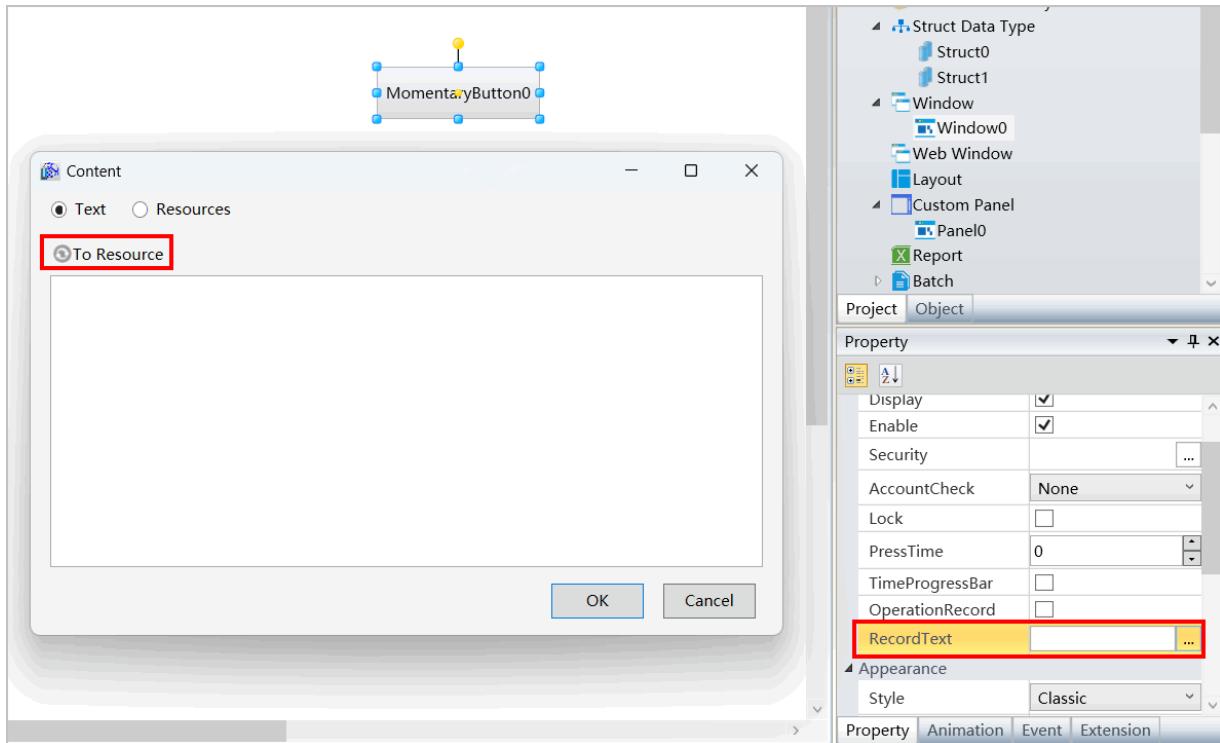
## 6. Added structural variables can be imported and exported

Double-click the structure variable to open the display interface and add [Import] and [Export] buttons to facilitate customers to export Excel documents, which can be edited and then imported into the project for use. Double-click the structure variable in the variable type column to pop up the element window. The import and export buttons in the lower left corner can be used as needed, as shown below:



## 7. Added quick control record text can be extracted in multiple languages

The recorded text of the shortcut control attribute provides the function of converting to multi-language resources. After setting, it can support multi-language switching and display by language.



## 8. Added alarm message Line notification and WhatsApp notification

### Line

Alarm Notice <span style="float: right;">x</span>								
Email	Sound	SMS	Wechat	IFTTT	Line	WhatsAPP	Message Window	Advanced
<input checked="" type="checkbox"/> Enable Line Notification								
User								
	User Name	User ID	Available Token	Alarm Group	Alarm Type	Alarm Level	Record Type	Information F
1	User1	U1dee12679a3084QqTbzCaRT4KmcdrvTuUU			Low-Low	Low-Hi	Slight-Lighter-Ge	Alarm-Response: Alarm, Alarm Trigger
2	User2	Ue8dd07f8100b82+lpdPXanYME30F3FOAjVc	报警组0	Alarm.报警组0	Low-Low	Low-Hi	Slight-Lighter-Ge	Alarm-Response: Variable, Alarm, Al
<a href="#">New</a>			<a href="#">Delete</a>					

# WhatsApp

StartPage
Alarm Notice x

Email
Sound
SMS
Wechat
IFTTT
Line
WhatsApp
Message Window
Advanced

Enable WhatsApp Notification

Version: v 19.0

User

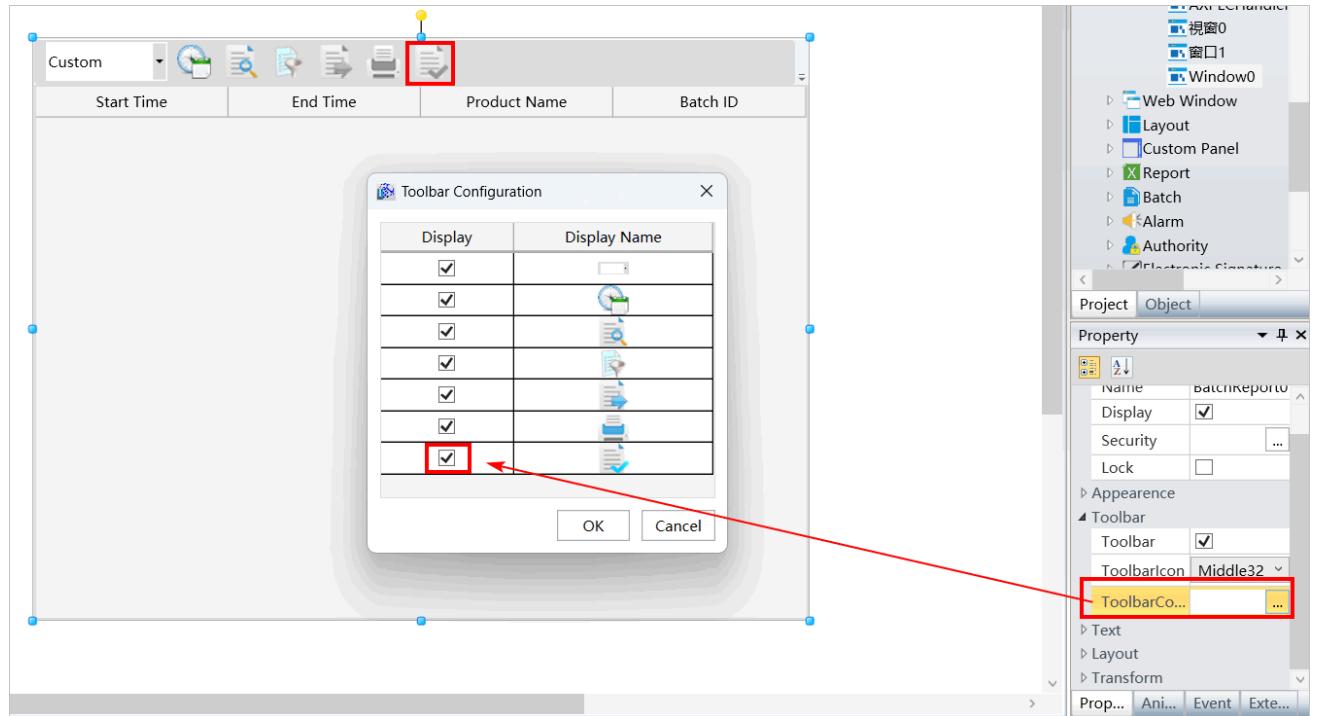
	User Name	Phone Number	Phone Number	Template	Available Token	Alarm Group	Alarm Type	Alarm Level
1	用户名	8XXXXXXXXX4	8XXXXXXXXX47	diaview_alarm	EAATcp2XyO4wBQ		Low-LowLow-High-High	Slight-Lighter-General

New
Delete

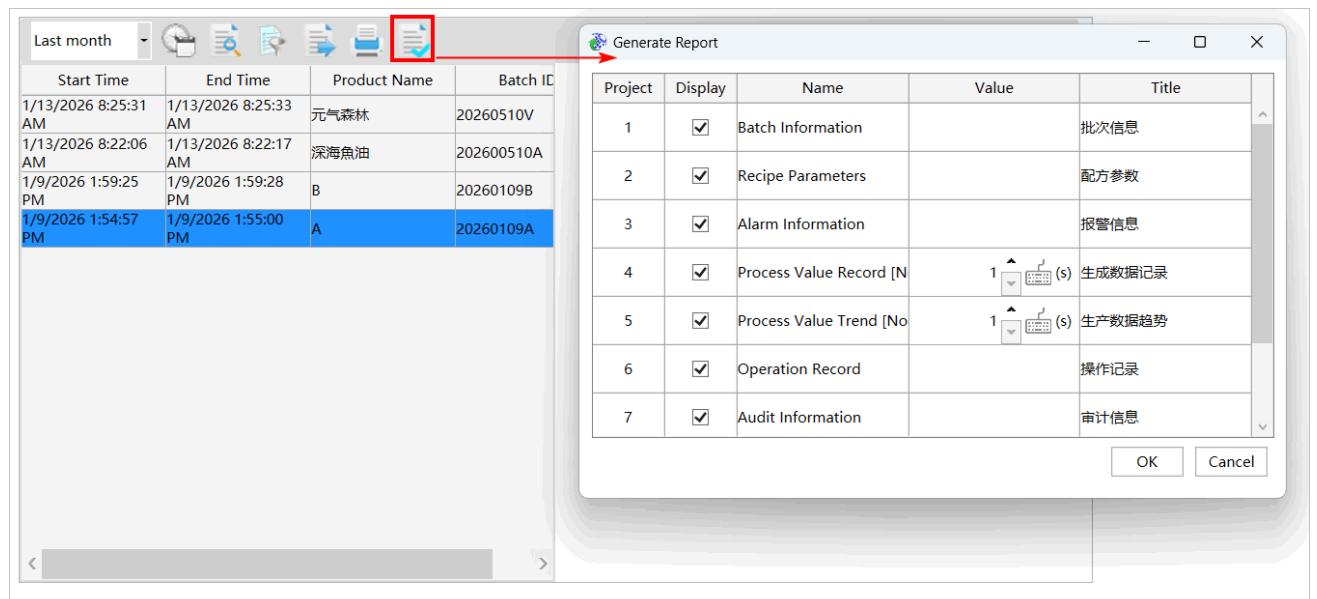
## 9. Batch function optimization

### 9.1 Added new generate batch button

During development, configure the property toolbar to check the generated batch.

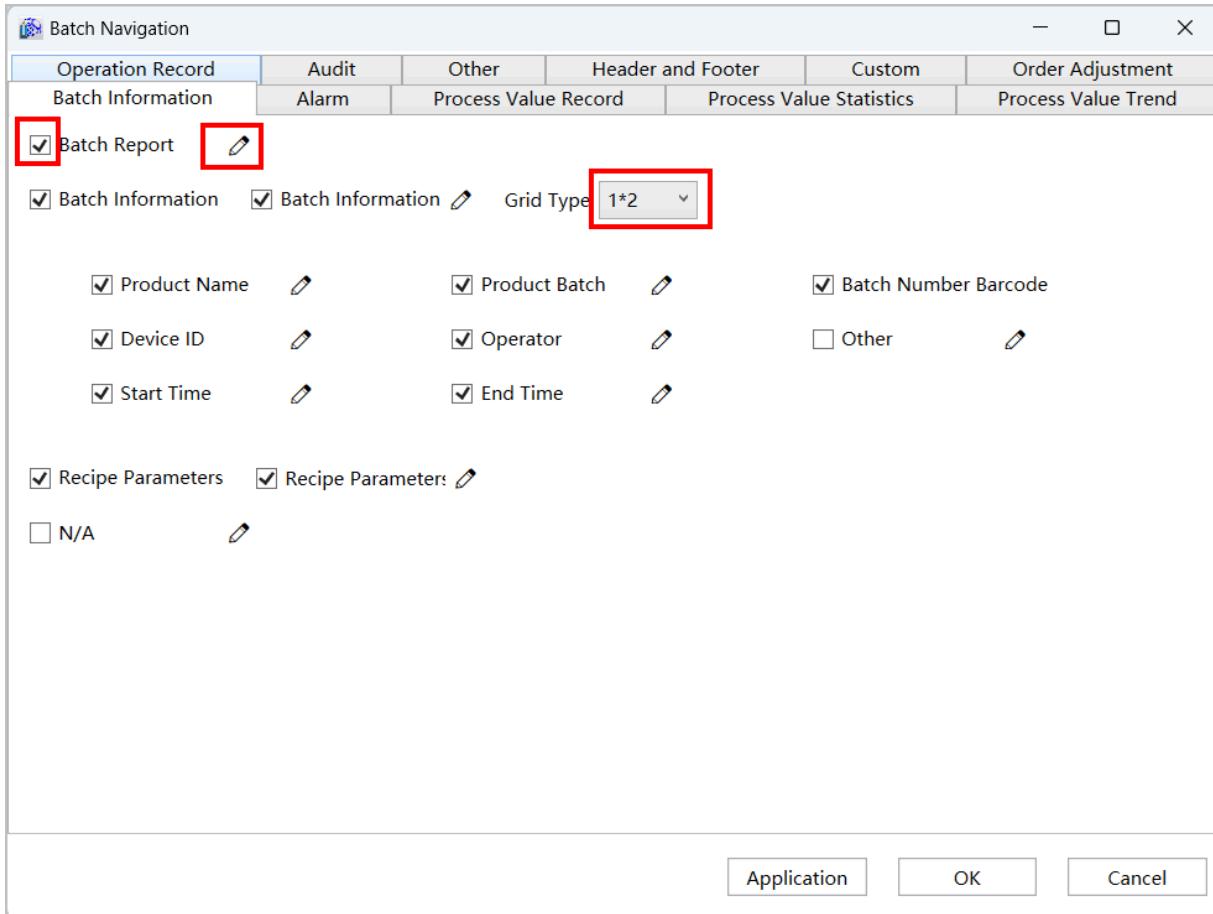


Batch reports can be dynamically generated by user for completed batches during runtime, and query interval data can be configured.



## 9.2 Report configuration optimization

1. The information header title is editable, the information class supports one line of information, and the data block title can be set not to be displayed.



2. In the new statistical information section, you can select data sources and columns, set new statistical value names and select the best value.

Batch Navigation

Operation Record	Audit	Other	Header and Footer	Custom	Order Adjustment
Batch Information	Alarm	Process Value Record	Process Value Statistics	Process Value Trend	

Process Value Statistics Add Record

Delete Record

No.	1
<input checked="" type="checkbox"/> Column Title	
Data Source	Variable Record <span style="border: 1px solid blue; padding: 2px;">...</span>
Name	
Path	

Interval 1 Sec

Statistics Type	Display	Display Content	Display Name
	<input type="checkbox"/>	Average	Average
<input checked="" type="checkbox"/>	Minimum	Minimum	
<input checked="" type="checkbox"/>	Maximum	Maximum	
<input type="checkbox"/>	Sum	Sum	

Delete Record

No.	2
<input checked="" type="checkbox"/> Column Title	
Data Source	Variable Record <span style="border: 1px solid blue; padding: 2px;">...</span>

Application OK Cancel

### 3. Other information pages can support custom data blocks

Batch Navigation

Batch Information	Alarm	Process Value Record	Process Value Statistics	Process Value Trend
Operation Record	Audit	Other	Header and Footer	Custom
Order Adjustment				

Custom Data

<input checked="" type="checkbox"/> Title	Capacity Information		<span style="color: blue;">+</span>	<span style="color: red;">X</span>
Project	Name	Value		
1	Pass Rate	Var.VariableGroup0.Disconnect	<span style="color: blue;">X</span>	...
2	Failure Rate		...	...
3	Target Output		...	...
4	Actual Output		...	...
5	Target Fill Volume		...	...
6	Actual Fill Volume		...	...
7			...	...

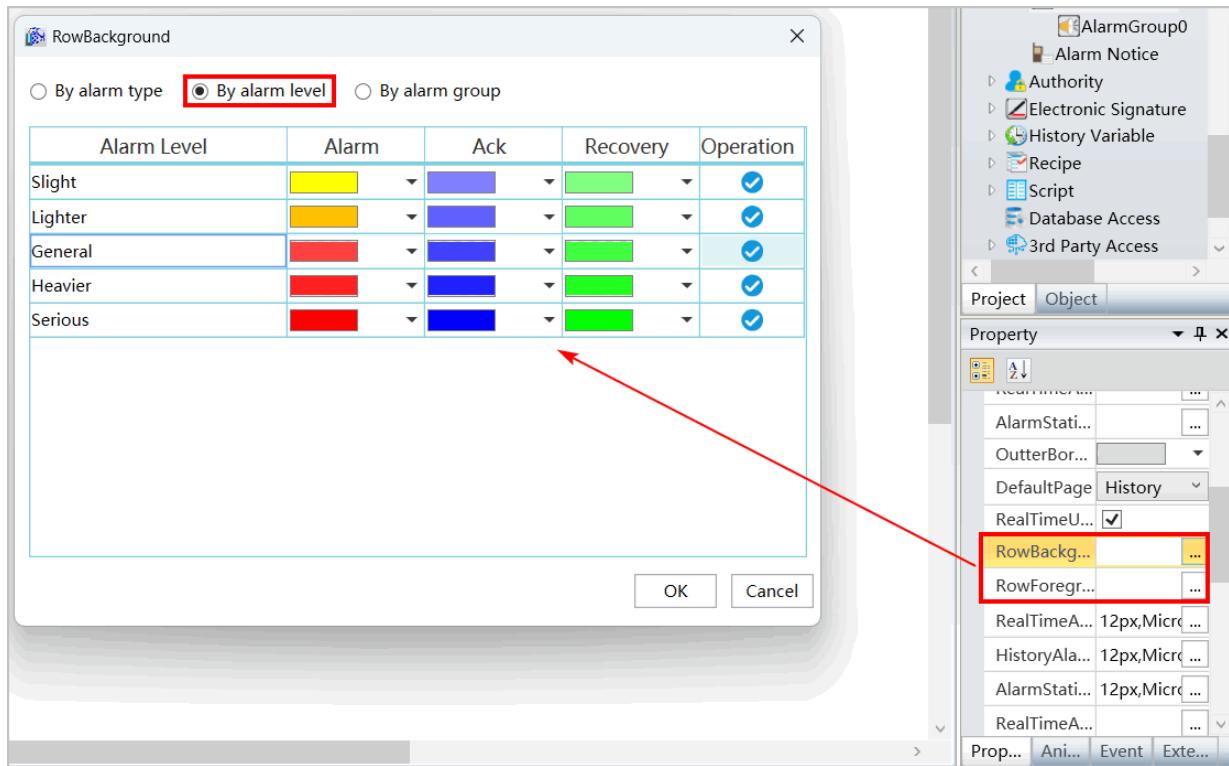
4. Added new report data blocks to adjust the order

Batch Navigation

Batch Information		Alarm	Process Value Record	Process Value Statistics	Process Value Trend
Operation Record	Audit	Other	Header and Footer	Custom	Order Adjustment
1	<input type="checkbox"/>	Batch Information	Batch Information		
2	<input type="checkbox"/>	Recipe Parameters	Recipe Parameters		
3	<input type="checkbox"/>	Alarm Information	Alarm Information		
4	<input type="checkbox"/>	Process Value Record [No.1]	Generate Data Record		
6	<input type="checkbox"/>	Process Value Trend [No.1]	Production Data Trend		
7	<input type="checkbox"/>	Operation Record	Operation Record		
8	<input type="checkbox"/>	Audit Information	Audit Information		
9	<input type="checkbox"/>	Other Information	Capacity Information		

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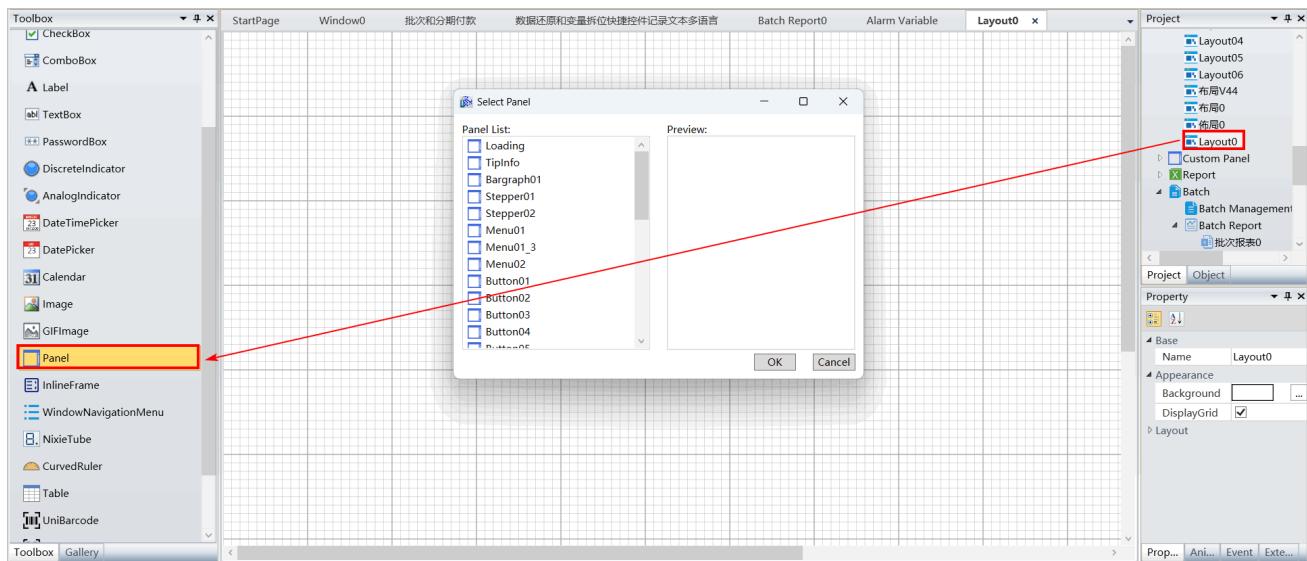
## 10. Added configure different background colors and font colors according to levels



## 11. Optimize repair function

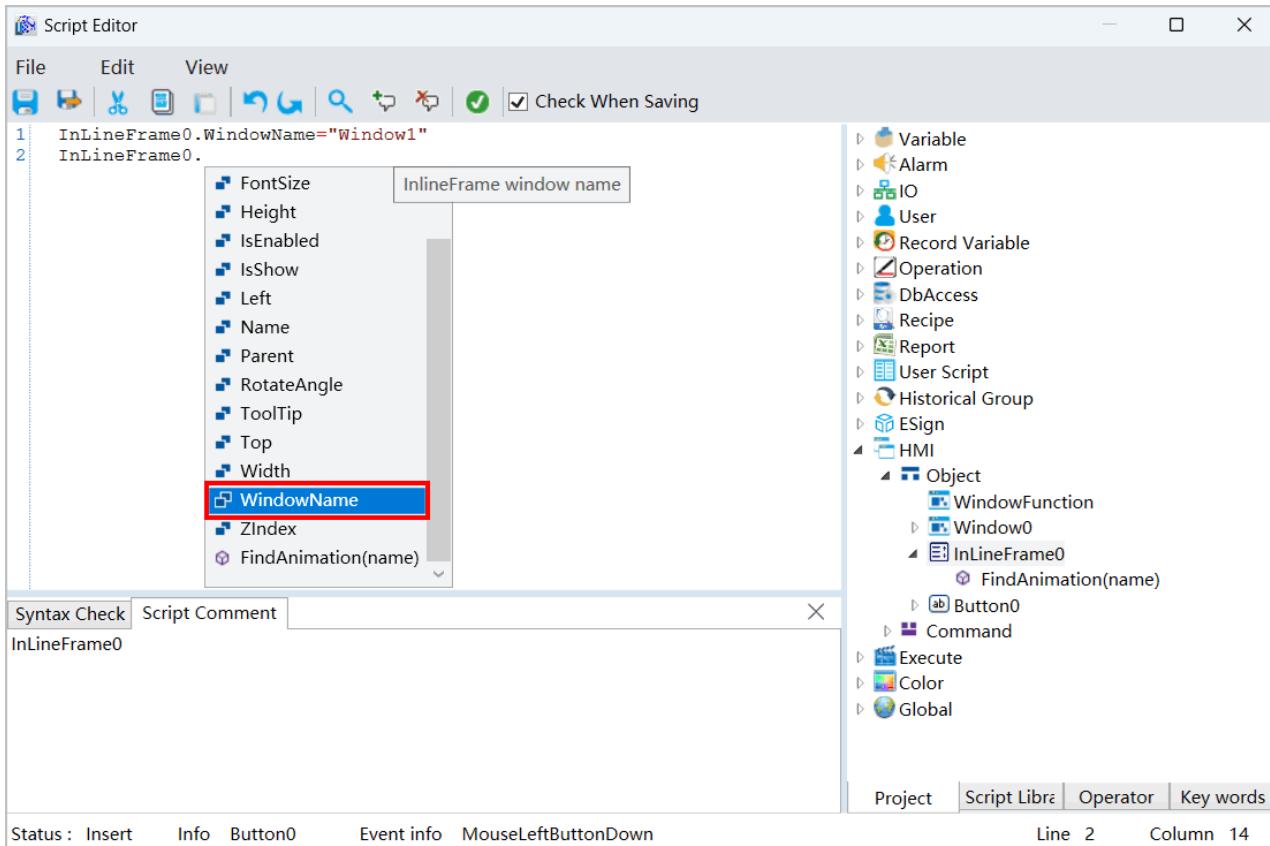
### 11.1 Layout supports using user panel

Support users to select a new user panel from the toolbox and put it into the layout for use, as shown below:

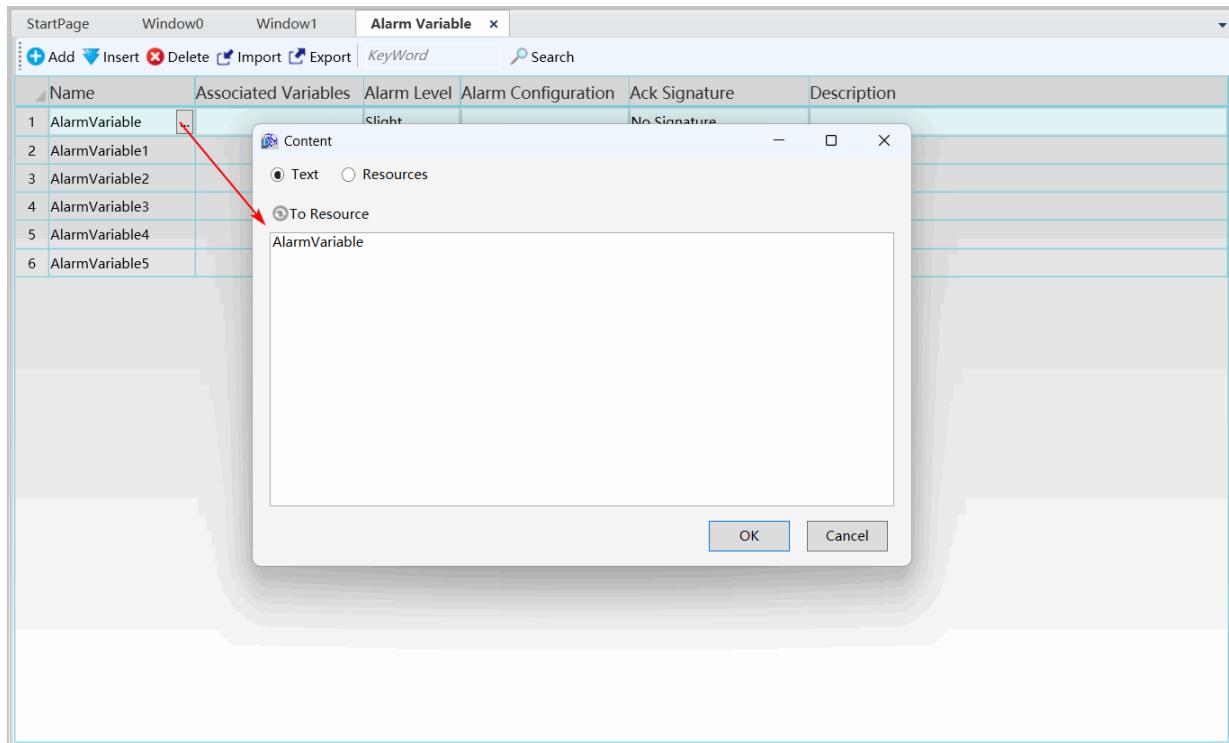


## 11.2 Inline box supports dynamic window switching

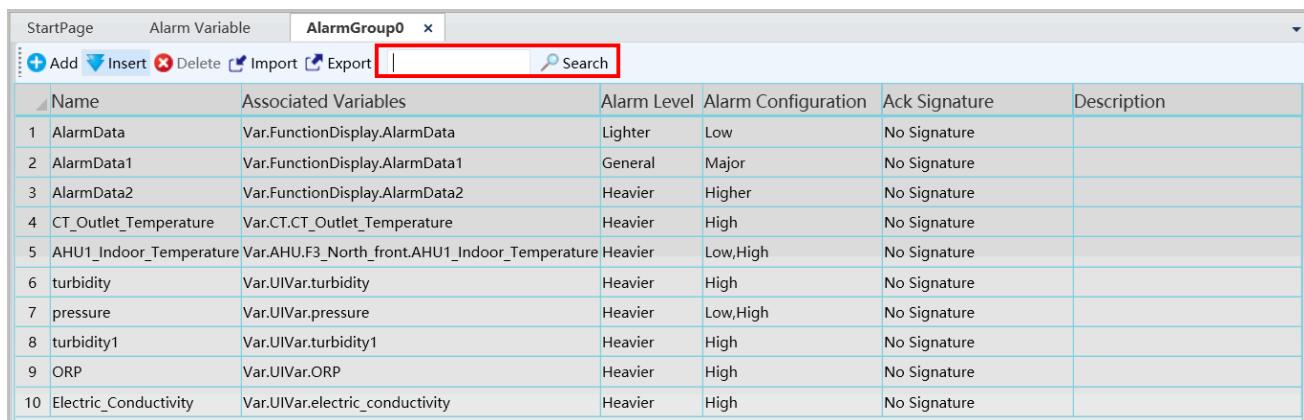
The dynamic switching of windows can be achieved through scripts. If the current inline box displays "Window 0", execute the following script at runtime: Inline Box 0. Windows Name="Window 1" to switch from Window 0 to "Window 1", as shown below:



### 11.3 Alarm name supports extracting multiple languages

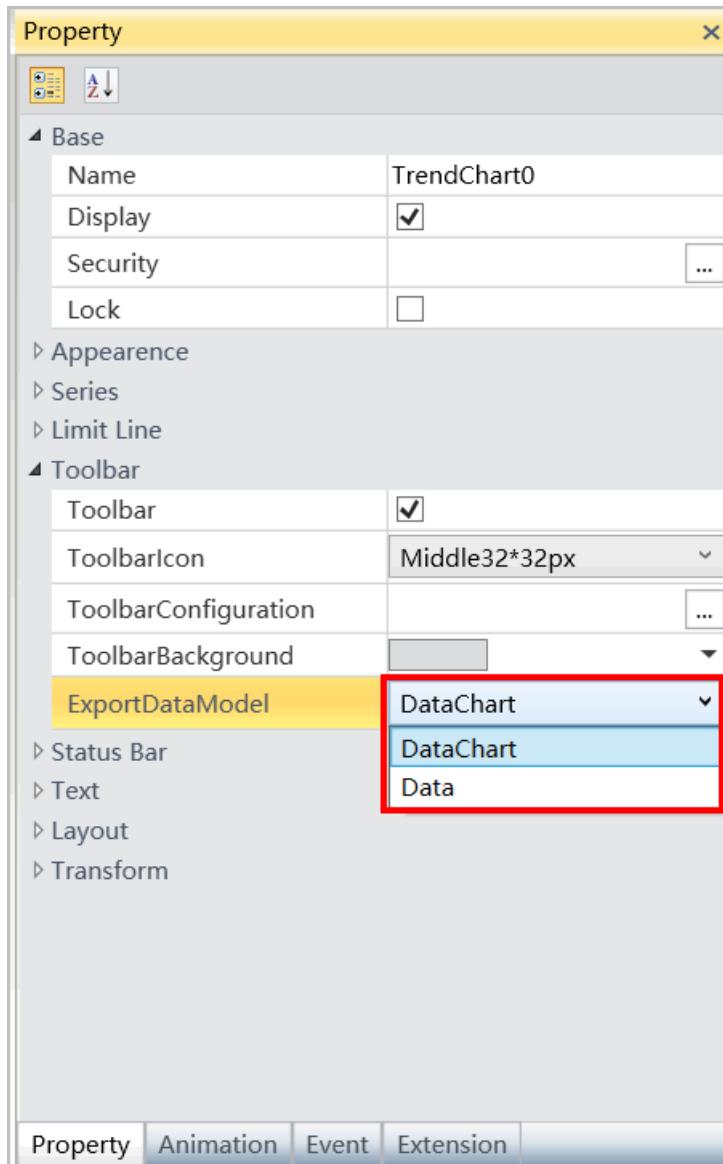


### 11.4 Configure Alarm Variables Window and Add Retrieval Function



Name	Associated Variables	Alarm Level	Alarm Configuration	Ack Signature	Description
1 AlarmData	Var.FunctionDisplay.AlarmData	Lighter	Low	No Signature	
2 AlarmData1	Var.FunctionDisplay.AlarmData1	General	Major	No Signature	
3 AlarmData2	Var.FunctionDisplay.AlarmData2	Heavier	Higher	No Signature	
4 CT_Outlet_Temperature	Var.CT.CT_Outlet_Temperature	Heavier	High	No Signature	
5 AHU1_Indoor_Temperature	Var.AHU.F3_North_front.AHU1_Indoor_Temperature	Heavier	Low,High	No Signature	
6 turbidity	Var.UIVar.turbidity	Heavier	High	No Signature	
7 pressure	Var.UIVar.pressure	Heavier	Low,High	No Signature	
8 turbidity1	Var.UIVar.turbidity1	Heavier	High	No Signature	
9 ORP	Var.UIVar.ORP	Heavier	High	No Signature	
10 Electric_Conductivity	Var.UIVar.electric_conductivity	Heavier	High	No Signature	

## 11.5 Trend curve export data supports the selection of export data icon or data only



## 11.6 Other

1. The sorting of the project's position in the starting page list can be adjusted.
2. Fixed the issue of batch restart after completion.
3. Fix the issue where the AX import address contains incorrect addresses that prevent the correct address from being read or written.
4. Fix the issue where the initial value of the switch alarm is False and the device value is read as False without triggering the alarm.
5. Fix some information security vulnerabilities.