

Mainly to introduce the new functions of
this version

Delta SCADA Software

DIASView SCADA Rev4.3.1

Delta Electronics, Inc.

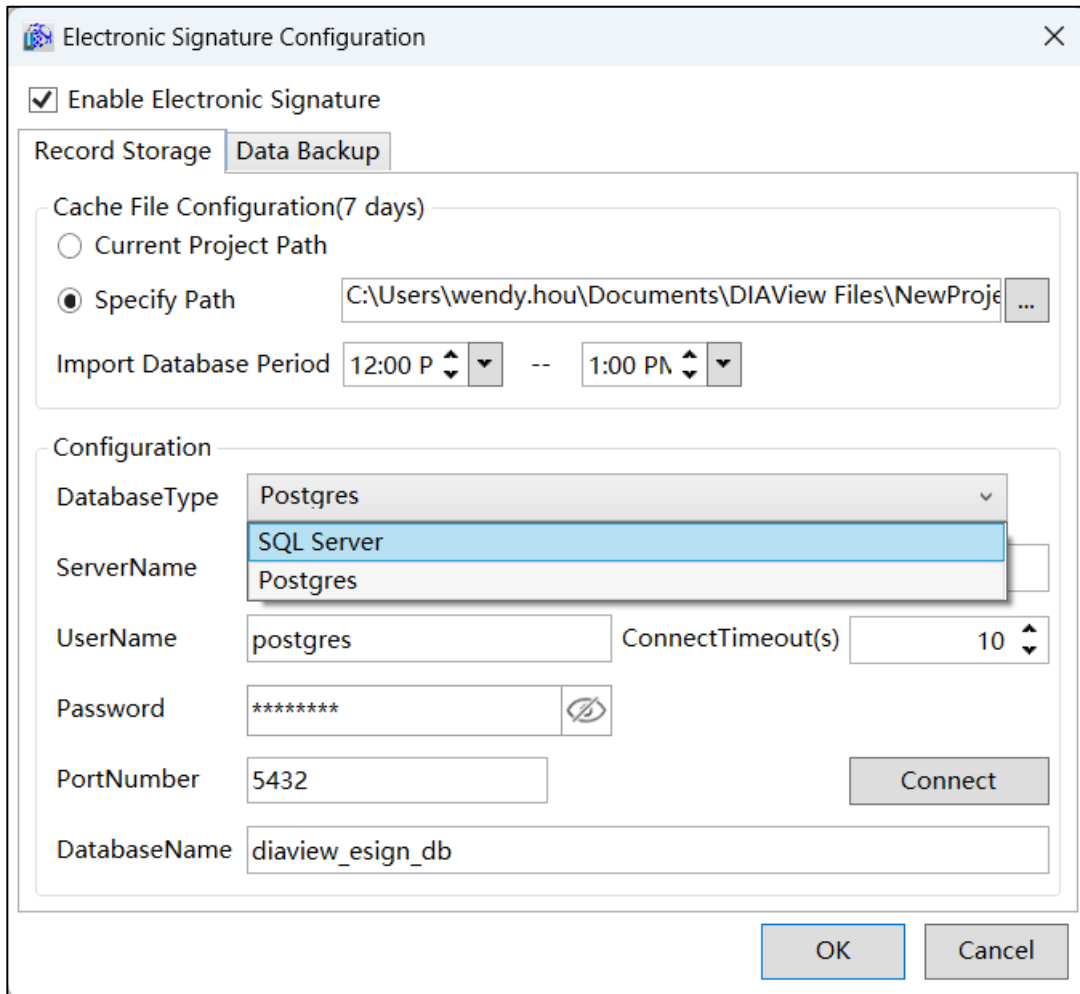
Content

1.	Electronic signatures now support SQL Server database	1
2.	Add a disable user delete switch	3
3.	Added Import/Export buttons to the user management panel	4
4.	The user management panel now supports user filtering	4
5.	Optimization and repair function.....	7
5.1	The batch report supports setting cell data formats for time information.....	7
5.2	The batch report allows custom naming for fields including print time, operation signature, and operation time	8

Upgrading Function Introduction

1. Electronic signatures now support SQL Server database

To standardize the DIAView runtime environment databases, electronic signature functionality now adds support for SQL Server databases.



The dialog box is titled "Electronic Signature Configuration" and has a close button (X) in the top right corner. It contains two tabs: "Record Storage" and "Data Backup". The "Record Storage" tab is selected. Under this tab, there is a section for "Cache File Configuration(7 days)" with two radio buttons: "Current Project Path" and "Specify Path". The "Specify Path" option is selected, and the path "C:\Users\wendy.hou\Documents\DIASView Files\NewProje" is entered in the text box next to it. Below this, there is a section for "Import Database Period" with two time pickers: "12:00 P" and "1:00 PM". The "Configuration" section contains a "DatabaseType" dropdown menu with "Postgres" selected and "SQL Server" highlighted. Below this are fields for "ServerName" (with "Postgres" entered), "UserName" (with "postgres" entered), "Password" (with "*****" entered and a toggle icon), "ConnectTimeout(s)" (with "10" entered), "PortNumber" (with "5432" entered), and "DatabaseName" (with "diaview_esign_db" entered). A "Connect" button is located to the right of the "PortNumber" field. At the bottom of the dialog are "OK" and "Cancel" buttons.

Electronic Signature Configuration

☒ Enable Electronic Signature

Record Storage Data Backup

Cache File Configuration(7 days)

☐ Current Project Path

☒ Specify Path C:\Users\wendy.hou\Documents\DIASView Files\NewProje ...

Import Database Period 12:00 P -- 1:00 PM

Configuration

DatabaseType Postgres

ServerName SQL Server

Postgres

UserName postgres ConnectTimeout(s) 10

Password *****

PortNumber 5432 Connect

DatabaseName diaview_esign_db

OK Cancel

Electronic Signature Configuration

☒ Enable Electronic Signature

Record Storage
Data Backup

Cache File Configuration(7 days)

☐ Current Project Path
☒ Specify Path
C:\Users\wendy.hou\Documents\DIView Files\NewProje...

Import Database Period
12:00 P -- 1:00 PM

Configuration

DatabaseType
SQL Server

ServerName
(local)\SQLEXPRESS
Refresh

Authentication
Windows Authentication

UserName
ConnectTimeout(s)
10

Password
Connect

DatabaseName
diaview_esign_db

OK
Cancel

SQL Server Database Configuration

Configuration

DatabaseType
SQL Server

ServerName
(local)\SQLEXPRESS
Refresh

Authentication
Windows Authentication

UserName
ConnectTimeout(s)
10

Password
Connect

DatabaseName
diaview_esign_db

DatabaseType: Selecte SQL Server.

ServerName: Enter the server name or IP address of the database which needs to be connected to; click the pull-down button to search automatically for servers within the network.

Authentication: There are two methods to authorize when logging in the server: *Windows Authentication* and *SQL Authentication*; if the database is configured on a local host, select *Windows Authentication*; if the database is configured on a remote computer, select *SQL Authentication*.

UserName: Sets the username for *SQL Authentication*.

Password: Sets the user password for *SQL Authentication*.

ConnectTimeout: Sets the time for the database to switch connection or reconnect after connection failed, and report an error if it is the timeout; unit: seconds.

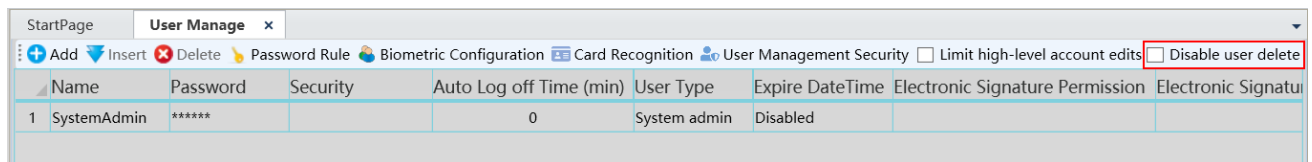
ConnectionTest: Tests whether it can connect to the database server.

DatabaseName: Enter the database name to use (length: 2 thousand words).

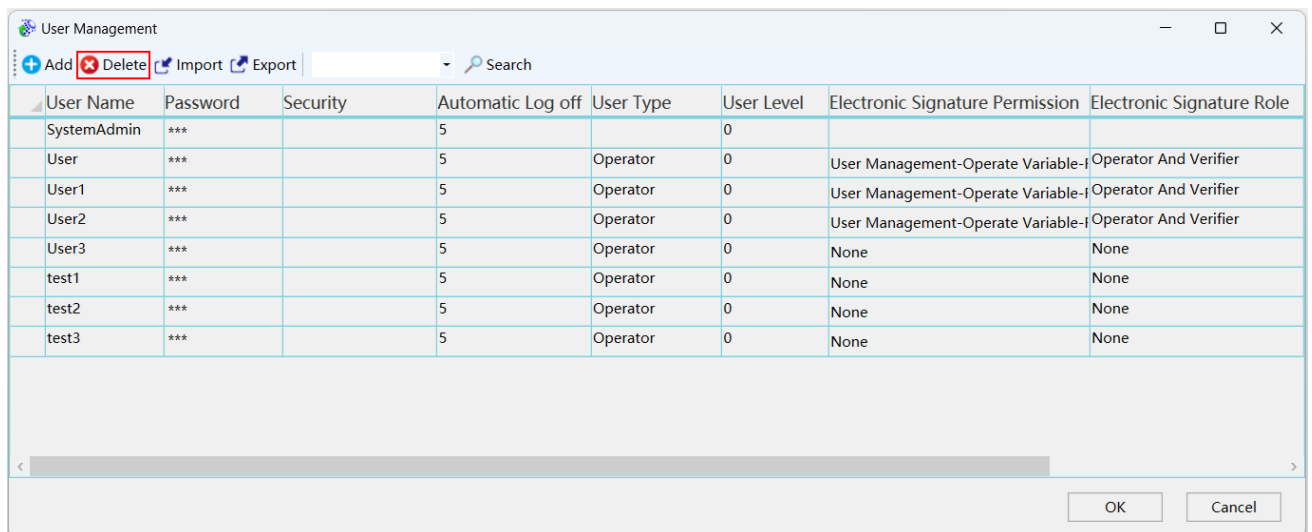
2. Add a disable user delete switch

Added a Disable user delete switch in user manage, when enabled, the delete button in the user management panel will be hidden.

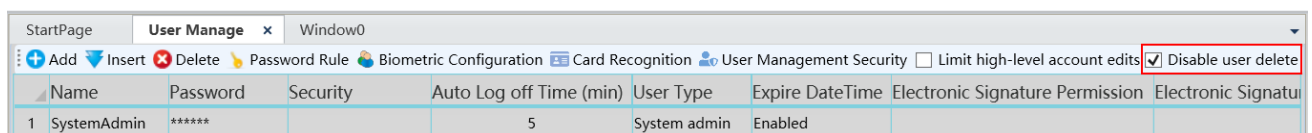
Before enable



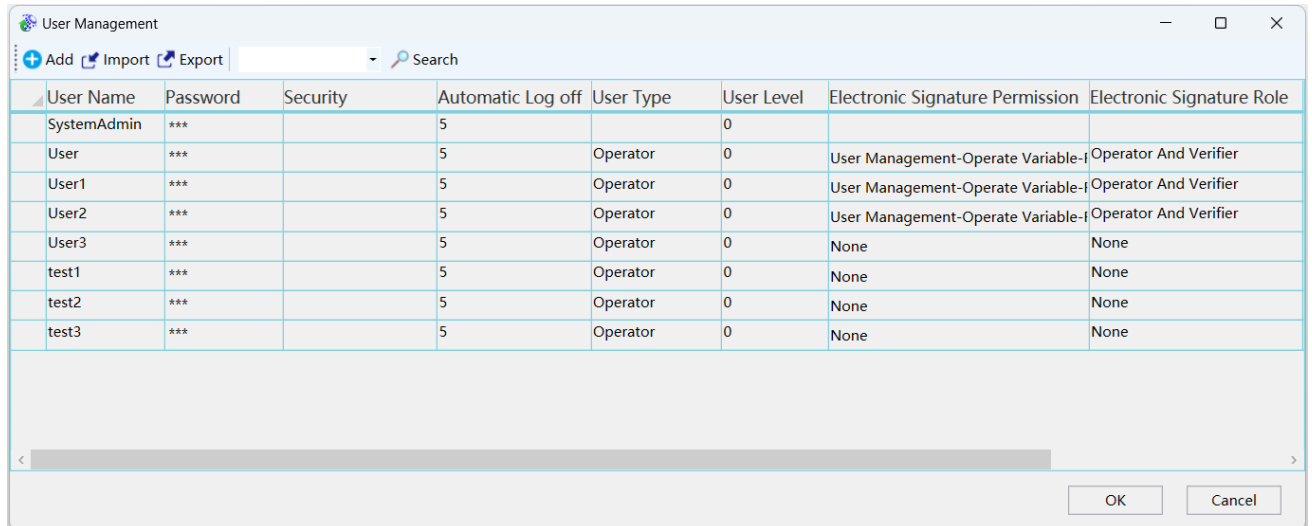
The delete button is displayed in the user management panel



After enable



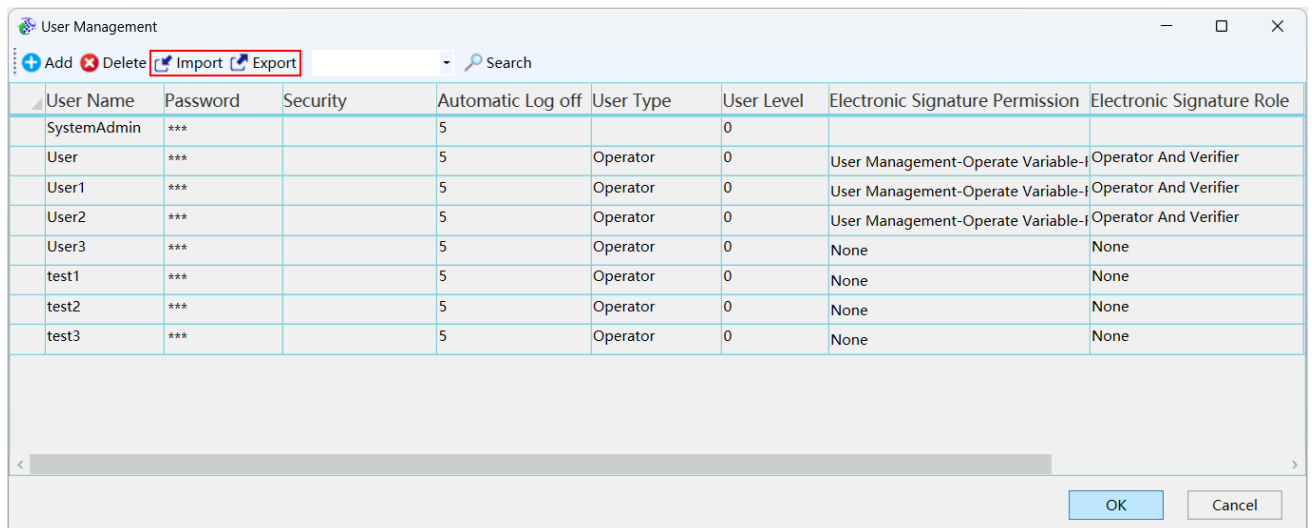
The delete button is hidden in the user management panel



User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***		5		0		
User	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User1	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User2	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User3	***		5	Operator	0	None	None
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None
test3	***		5	Operator	0	None	None


3. Added Import/Export buttons to the user management panel

The user management panel now includes Import/Export buttons, supporting exporting users to an Excel file for secondary editing and re-importing, facilitating centralized user management.



User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***		5		0		
User	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User1	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User2	***		5	Operator	0	User Management-Operate Variable-f	Operator And Verifier
User3	***		5	Operator	0	None	None
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None
test3	***		5	Operator	0	None	None

The exported Excel file supports custom naming, as shown in the figure below:

 ExportUsers

4. The user management panel now supports user filtering

The user management panel now supports user filtering via a dropdown menu, with options including: All Users, Activated Users, Unactivated Users, User Expired and Password Expired Users. Additionally, it supports keyword search for users.

User Management

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***				0		
User	***			Operator	0	User Management-Operate Variable-	Operator And Verifier
User1	***			Operator	0	User Management-Operate Variable-	Operator And Verifier
User2	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
User3	***		5	Operator	0	None	None
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None
test3	***		5	Operator	0	None	None

Display all users

User Management

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***		5		0		
User	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
User1	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
User2	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
User3	***		5	Operator	0	None	None
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None
test3	***		5	Operator	0	None	None

Filter activated users

User Management

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***		5		0		
User	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
User2	***		5	Operator	0	User Management-Operate Variable-	Operator And Verifier
test3	***		5	Operator	0	None	None

Filter unactivated users

User Management

+ Add - Delete Import Export **Inactivated Users** Search

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
User1	***		5	Operator	0	User Management-Operate Variable-I	Operator And Verifier
User3	***		5	Operator	0	None	None
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None

OK Cancel

Filter user expired users

User Management

+ Add - Delete Import Export **User Expired** Search

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
User2	***		5	Operator	0	User Management-Operate Variable-I	Operator And Verifier

OK Cancel

Filter password expired users

User Management

+ Add - Delete Import Export **Password Expired** Search

User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
test1	***		5	Operator	0	None	None

OK Cancel

Search users by keywords

User Management

Add
 Delete
 Import
 Export

 Search


User Name	Password	Security	Automatic Log off	User Type	User Level	Electronic Signature Permission	Electronic Signature Role
SystemAdmin	***		5		0		
test1	***		5	Operator	0	None	None
test2	***		5	Operator	0	None	None
test3	***		5	Operator	0	None	None

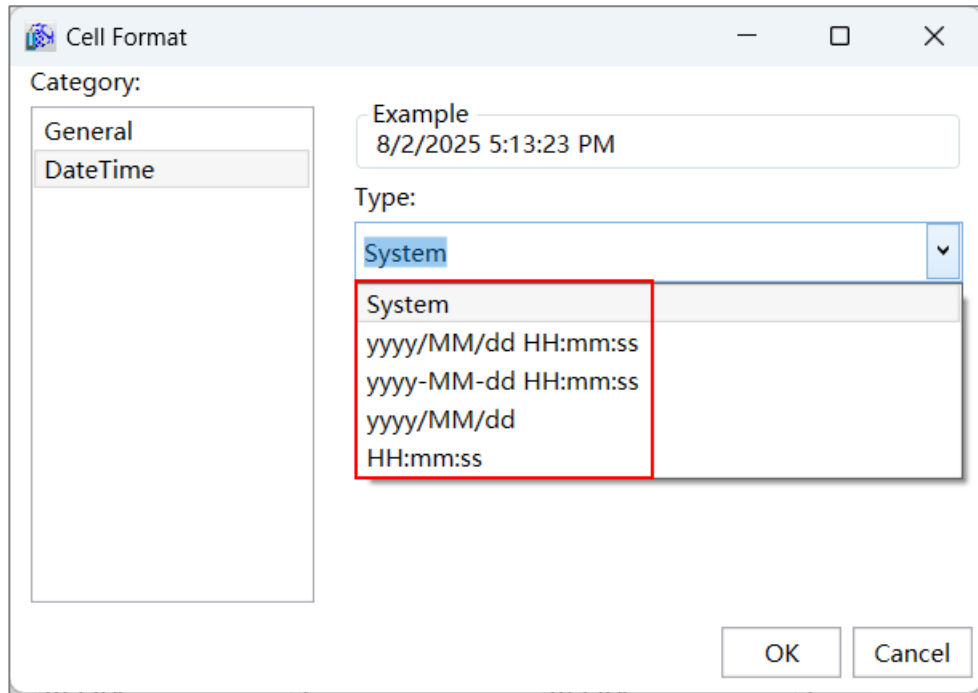
OK Cancel

5. Optimization and repair function

5.1 The batch report supports setting cell data formats for time information

The batch report now supports cell data formatting for time-related fields including: Start time, End time, Alarm trigger time, Operation record time and so on.


StartPage		Batch Report0				
	A	B	C	D	E	F
1	Batch Report					
2	Batch Information					
3	Product Name		Product Batch			
4	Device ID	Right-click		Operator		
5	Start Time			End Time		
6	Recipe Parameters					
7	Recipe Name	RecipeA		Recipe Item	ARecipe1	
8	Recipe	1	Recipe	1	Recipe	1
9	Recipe	1	Recipe	1	Recipe	1
10	Recipe	1	Recipe	1	Recipe	1
11	Recipe	1	Recipe	1	Recipe	1
12						
13	Recipe Name	RecipeB		Recipe Item	BRecipe1	
14	Recipe	1	Recipe	1	Recipe	1
15	Recipe	1	Recipe	1	Recipe	1
16	Recipe	1	Recipe	1	Recipe	1
17	Recipe	1	Recipe	1	Recipe	1



5.2 The batch report allows custom naming for fields including print time, operation signature, and operation time

Batch reports now allow user-defined labels for: Print Time, Operation Signature, Operation Time, Review Signature, Review Time.

Configuration Steps:

- ① Locate target field in batch navigation
- ② Select the adjacent edit icon 
- ③ Input preferred nomenclature


Open Header and Footer

Batch Navigation

Batch Information	Alarm	Process Value Record	Process Value Trend
Operation Record	Audit	Other	Header and Footer
<input checked="" type="checkbox"/> Header			
<input checked="" type="checkbox"/> Header Text <div>Batch Report</div> <div>...</div>			
<input checked="" type="checkbox"/> Logo Image <div> <div></div> <div>...</div> </div>			
<input checked="" type="checkbox"/> Footer			
<input checked="" type="checkbox"/> Print Time <input checked="" type="checkbox"/> Page Number			
<input checked="" type="checkbox"/> Operator Sign <div> <div></div> <div>...</div> </div>			
<input checked="" type="checkbox"/> Operation Time <div> <div></div> <div>...</div> </div>			
<input checked="" type="checkbox"/> Review Signat <div> <div></div> <div>...</div> </div>			
<input checked="" type="checkbox"/> Review Time <div> <div></div> <div>...</div> </div>			
<input checked="" type="checkbox"/> Footer Text <div>Biological Experiment Equipment Monitori</div> <div>...</div>			
<div>Application</div> <div>OK</div> <div>Cancel</div>			

Click the Edit icon  on the right side of the corresponding item.


Batch Navigation

Batch Information	Alarm	Process Value Record	Process Value Trend
Operation Record	Audit	Other	Header and Footer
<input checked="" type="checkbox"/> Header			
<input checked="" type="checkbox"/> Header Text		Batch Report	
<input checked="" type="checkbox"/> Logo Image			
<input checked="" type="checkbox"/> Footer			
<input checked="" type="checkbox"/> Print Time		<input checked="" type="checkbox"/> Page Number	
<input checked="" type="checkbox"/> Operator Sign			
<input checked="" type="checkbox"/> Operation Time			
<input checked="" type="checkbox"/> Review Signat			
<input checked="" type="checkbox"/> Review Time			
<input checked="" type="checkbox"/> Footer Text		Biological Experiment Equipment Monitori	

Application OK Cancel

Set a custom name

Batch Navigation

Batch Information	Alarm	Process Value Record	Process Value Trend
Operation Record	Audit	Other	Header and Footer
<input checked="" type="checkbox"/> Header			
<input checked="" type="checkbox"/> Header Text		Batch Report	
<input checked="" type="checkbox"/> Logo Image			
<input checked="" type="checkbox"/> Footer			
<input checked="" type="checkbox"/> test		<input checked="" type="checkbox"/> Page Number	
<input checked="" type="checkbox"/> Operator Sign			
<input checked="" type="checkbox"/> Operation Time			
<input checked="" type="checkbox"/> Review Signat			
<input checked="" type="checkbox"/> Review Time			
<input checked="" type="checkbox"/> Footer Text		Biological Experiment Equipment Monitori	

Application OK Cancel