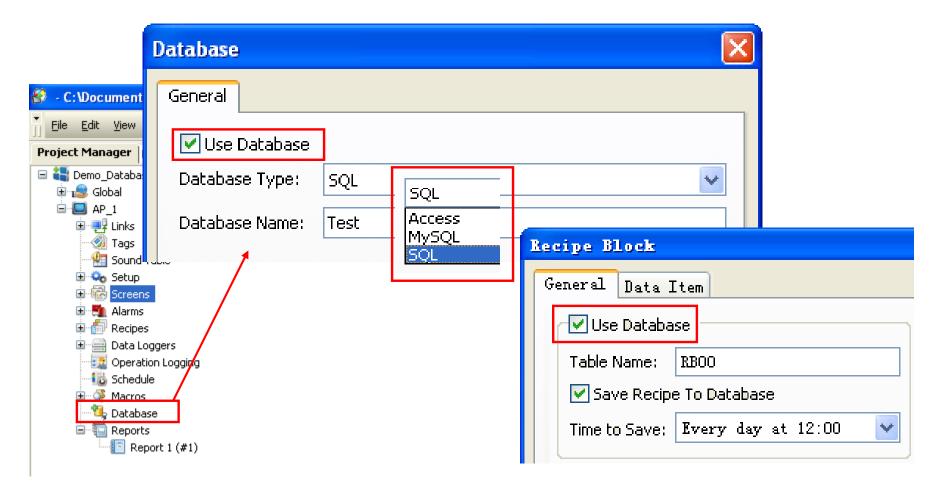


Database & Report Functions in PanelExpress & PM Designer

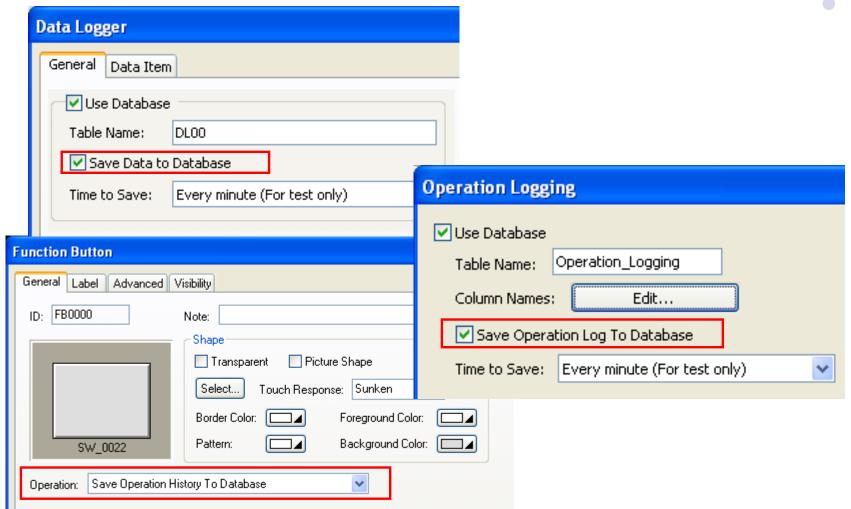


Use Database

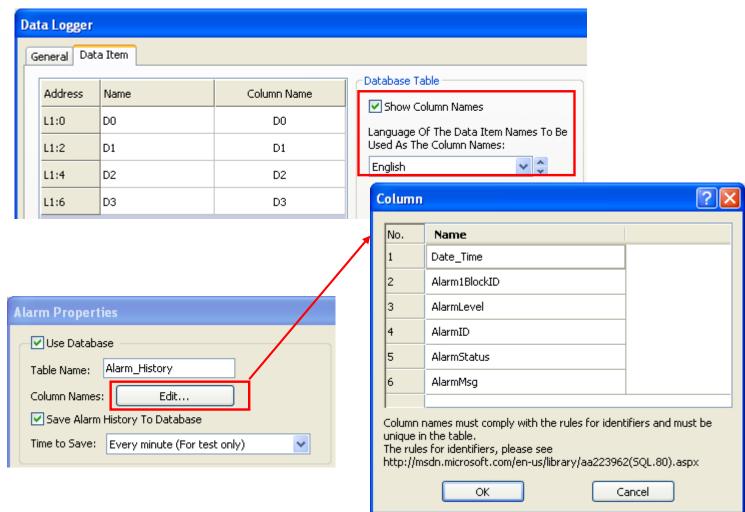




Save Application Data Into Database

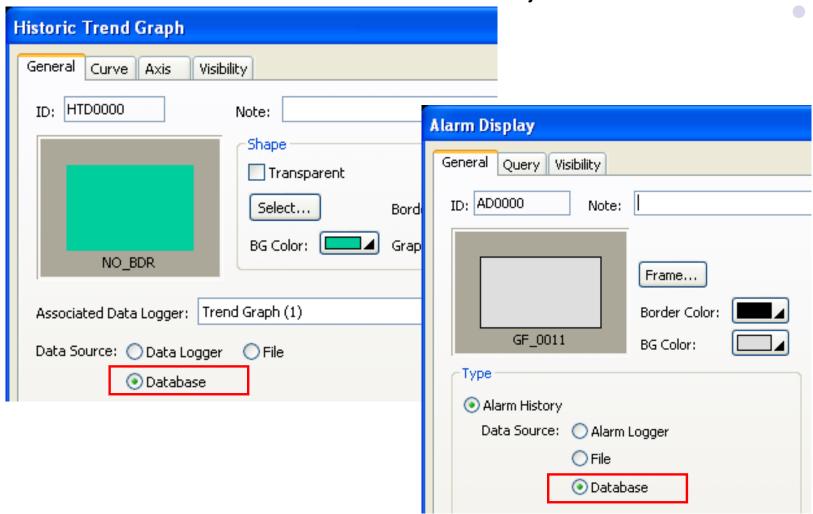


Set Column Names of Data Table

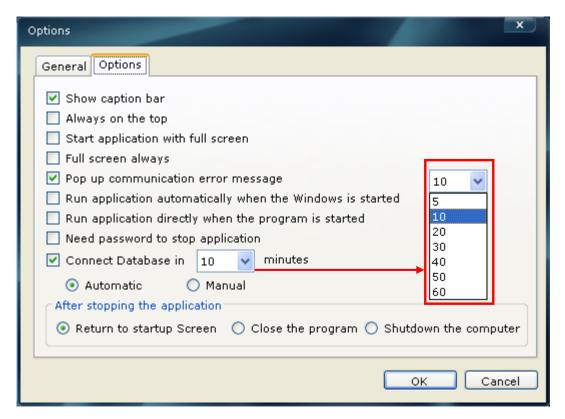




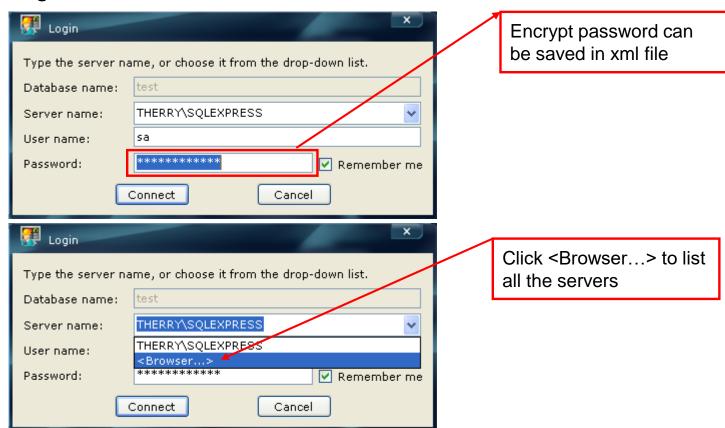
Select Database as the Data Source for the object



Connect Database automatically or manually when application is running



Login





Save Data, Load Data or Data Display in Objects





Database Data Display in:

- Historic Trend Graph
- Single Record Line Chart
- Historic Data Table
- Historic Scatter Chart
- Historic Radar Chart
- Operation Log Display
- Alarm History
- Recipe Table





Error Handling

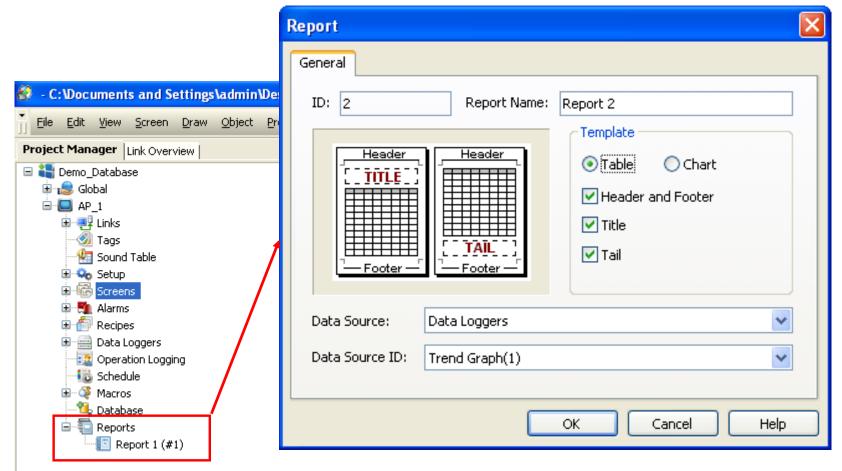
		Before app.	App is running	
		running	Connect Manually	Connect Automatically
1	Log in is canceled by user	Running app. without any database operation		N/A
2	Fail to connect the server	Need to reconnect/create/open successfully to exit the log in dialog		Running app. without any database operation 📀
3	Ask to create database if not exist			Create if not exist
4	Create database is canceled by user			N/A
5	Fail to create database			Running app. without any
6	Fail to open database			database operation 📀
7	Ask to create data table if not exist	9	out the data table related	Create if not exist
8	Create data table is canceled by user	operation.		N/A
9	Fail to create table			Running app. without the data table related operation. ✓
1 0	Table exists but column attribute is different			

: Show messages



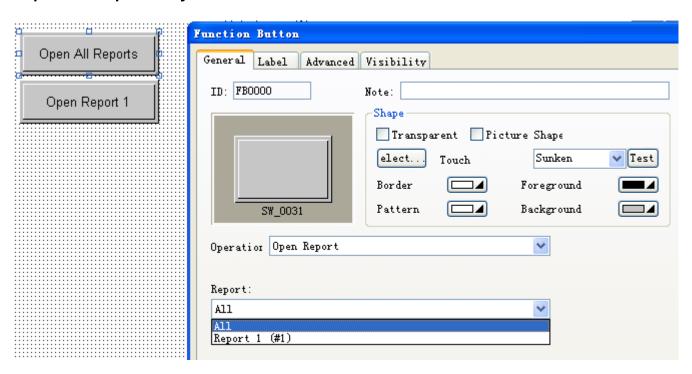
Add / Delete / Import / Export a report





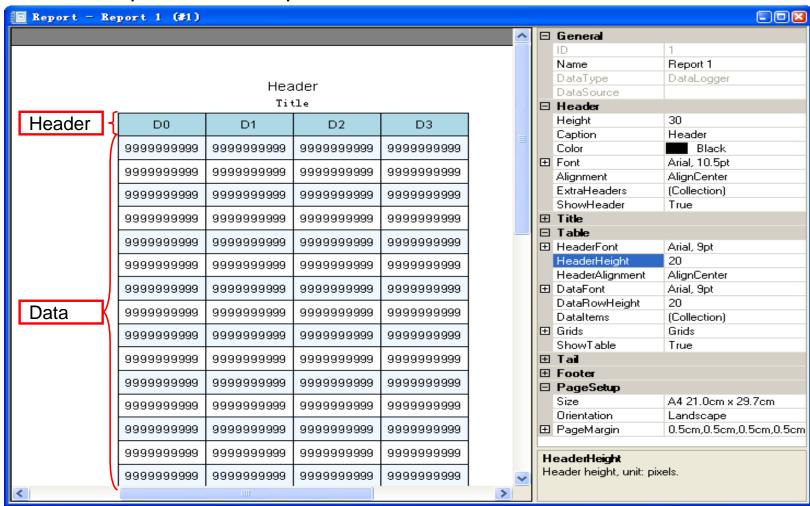


Open Report by Function Button



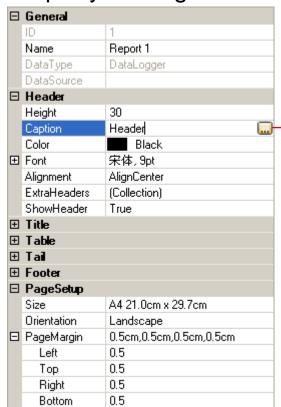


Create or open a table report





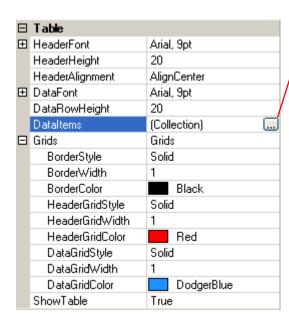
Property Settings – General/Header/Title/Tail/Footer/PageSetup

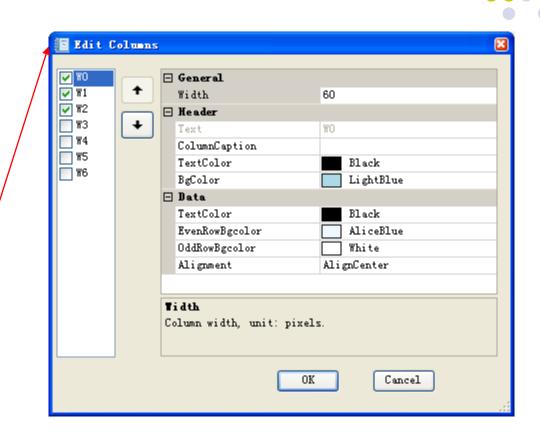




Property Settings - Table

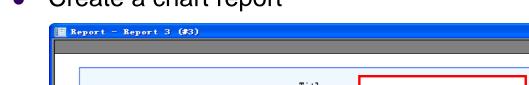
WO	W1	W 2
9999	9999	9999
9999	9999	9999
9999	9999	9999
9999	9999	9999
9999	9999	9999

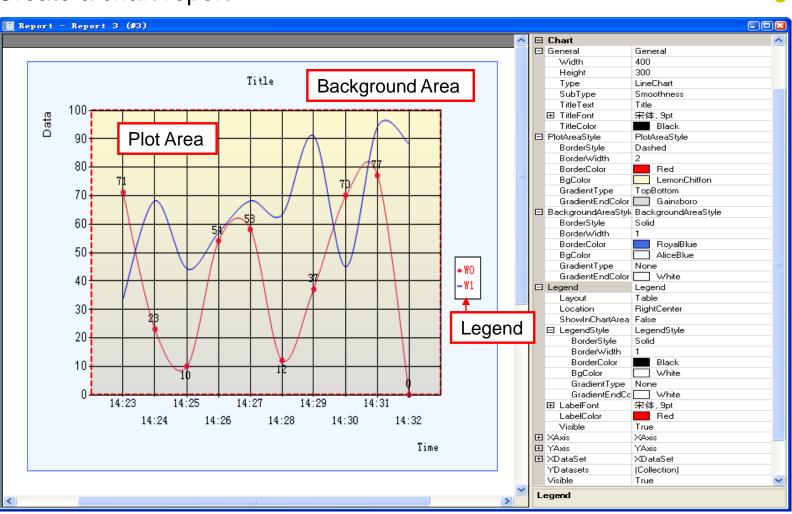






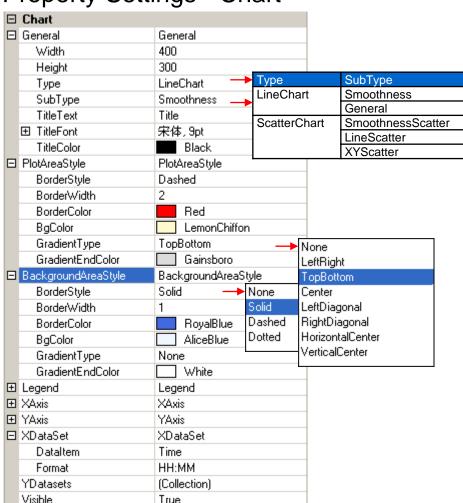
Create a chart report

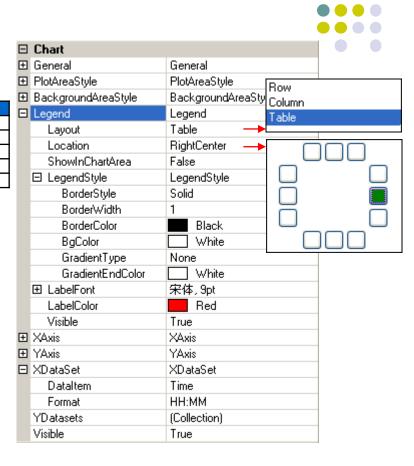






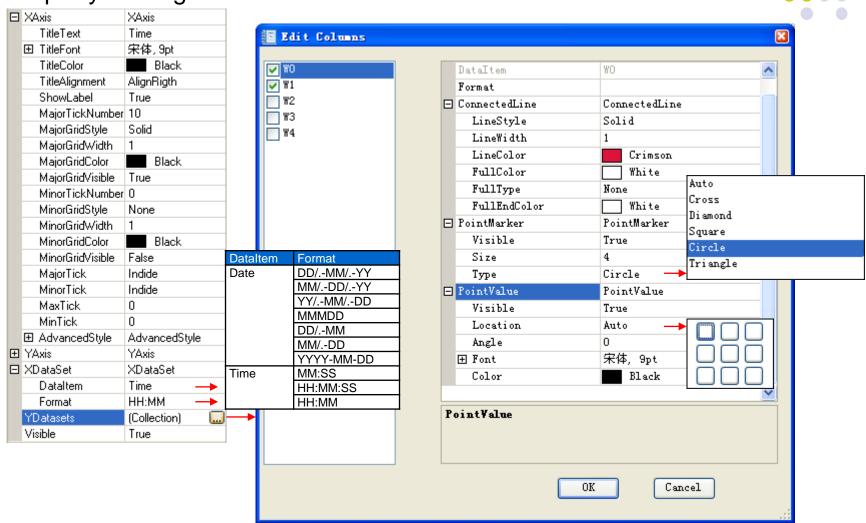
Property Settings - Chart







Property Settings - Chart



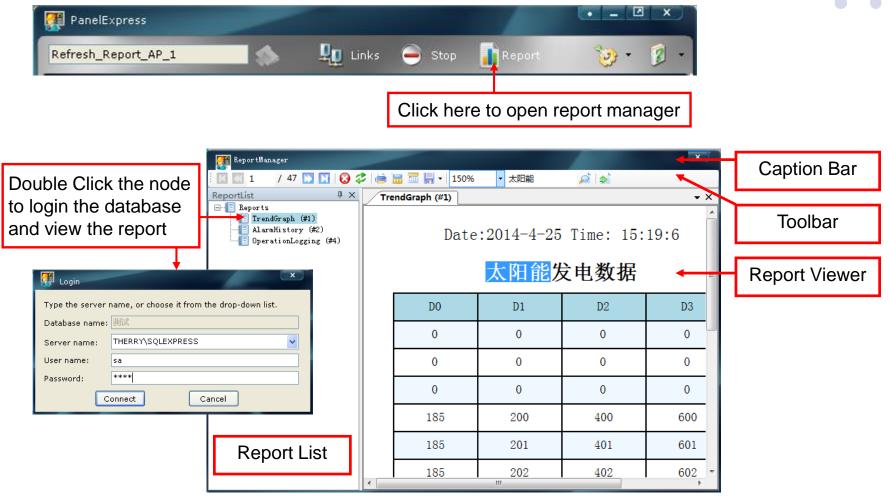


Report in PanelExpress

Report Manager

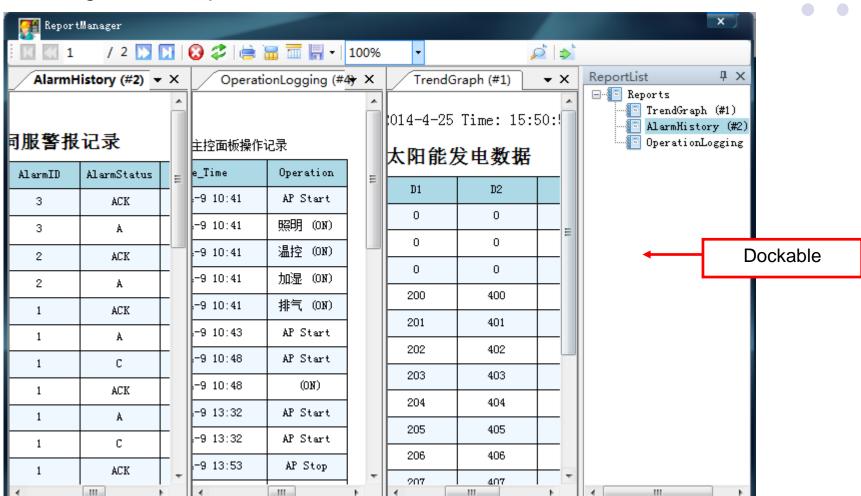






Report in PanelExpress

Docking and Multiple Views





Report in PanelExpress

Supported Features --- Toolbar

