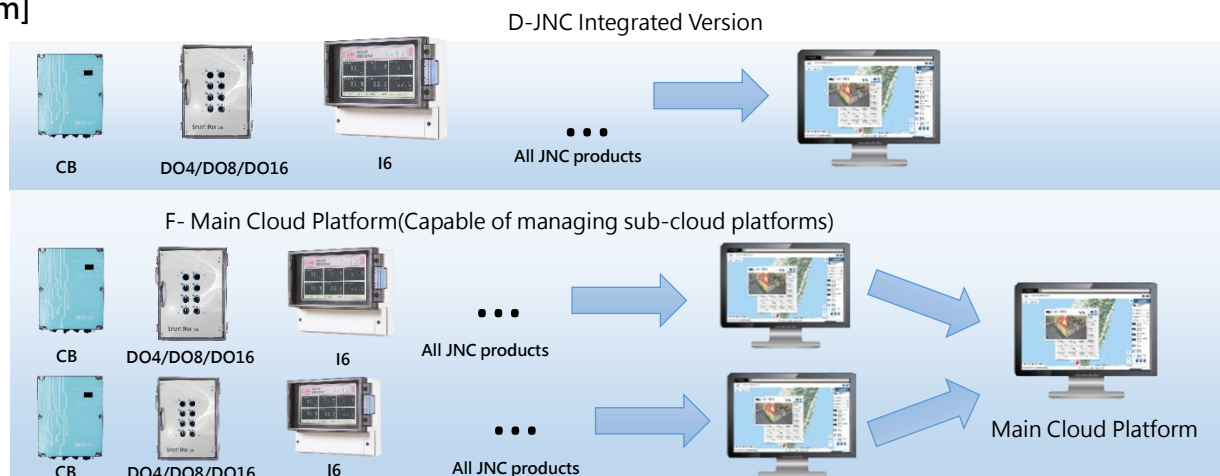


[Product Features]

- **Integrated Equipment Management:** Centralized monitoring and control of various sensors and controllers (e.g., CB, DO16, IAQS) in a single platform.
- **Core SCADA Architecture:** Built-in full-featured SCADA platform supporting real-time data reading, switch control, logic execution, and historical data queries.
- **Comprehensive Data Analysis Tools:** Includes trend charts, event reports, data statistics, and complete user operation logs for in-depth analysis.
- **Visual Dashboard Mapping:** Flexible dashboard design allows users to create customized monitoring and operation interfaces.
- **Efficient Data Storage and Processing:** Equipped with large storage capacity and high-speed computing to support decision-making and performance optimization.
- **Real-Time Alerts and Notifications:** Instant alerts for abnormal conditions with support for SMS, email, web, and JNC Notify multi-channel notifications.
- **Multi-Platform Access:** Supports remote access via web browser, dedicated client software, and mobile devices.
- **Hierarchical Permission Management:** Flexible user and permission management to ensure system security and operational compliance.
- **Open Protocol Support:** Compatible with standard industrial protocols such as Modbus, HTTP, and MQTT, enabling easy integration with third-party devices.
- **Flexible Deployment Options:** Can be installed on local servers or deployed in the cloud to suit various application scenarios.

[Optional Code] JNC SCADA- Code 1-Code 2-Code 3-Code 4

Code 1	Applicable Products	Code 2	Authorization time	Code 3	Authorization Method	Code 4	Virtual Modules (Select multiple options)
D	All JNC products	1	1 year	N	JNC Escrow	N	None
		3	3 years				
F	Main Cloud Platform (Capable of managing sub-cloud platforms)	5	5 years	Y	Hardware Lock	6	Noise control -6
		10	10 years				
		20	Buyout	S	Customer Software lock	D	Data Governance

[Version Diagram]

[Architecture diagram]

【Area network architecture】

Ethernet communication



Web cloud platform



(When there is a fixed IP, global monitoring)



【Internet architecture】

4G sim card communication

4G

4G

4G



Web cloud platform



(Require fixed IP)

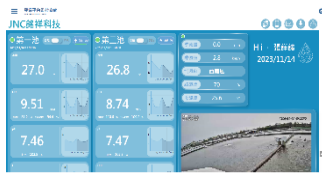


Dynamic Numeric Interface

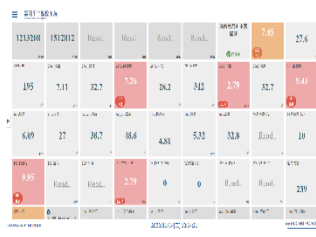
World Map: Quickly locates on the map and can be directly switched to navigation mode to quickly reach the installation location.



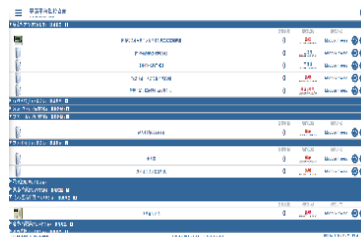
Dashboard: Users can freely design the graphical interface using Microsoft Paint, there is no limit to the number of images."



Overview: View all channel values and statuses of each device on the screen.



Equipment Status: View the connection and alarm status of all devices organized by groups.

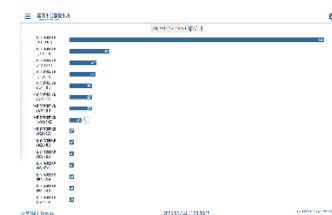


Alarm function

Alarm inquire: It has the function of screening and inquiring alarms at each point, trend graph comparison function, and can mark alarm types/remarks/personnel sign-off functions

报警点	报警类型	报警时间	报警内容	报警人	报警状态	报警备注
101	温度报警	2015-10-10 10:10:10	温度过高	张三	已处理	
102	压力报警	2015-10-10 10:10:10	压力过低	李四	待处理	
103	流量报警	2015-10-10 10:10:10	流量异常	王五	已处理	

Alarm statistics: Automatically generates a ranking of the top 20 channels with the most alarms, with detailed query functionality provided.



App Group Management: Real-time data alerts and video notifications (for disconnection, network outage, or data anomalies), with dynamic trend charts shareable via LINE for online data analysis and discussion.

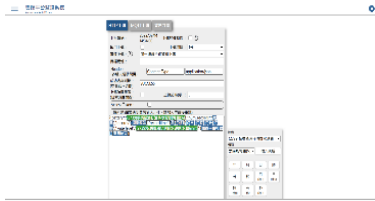


Email function: When an alarm occurs, an email (E-Mail) alarm notification will be automatically sent



Data sharing

It can be uploaded to other servers through three methods: JSON/HTTP/MQTT. Users can edit the upload format content by themselves.



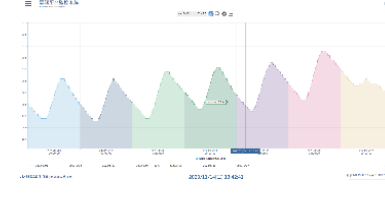
Authority management

With account password management mechanism, including various functions, channel authority, map authority, control authority and control of communication software



Data analysis function

Trend chart: Freely select channels for comparison. Compare the same channel now and in the past (you can see problems such as equipment aging)



Export Reports: Supports PDF and CSV data reports (daily, monthly, yearly, and custom reports) with types including real-time values, maximum, average, and minimum.



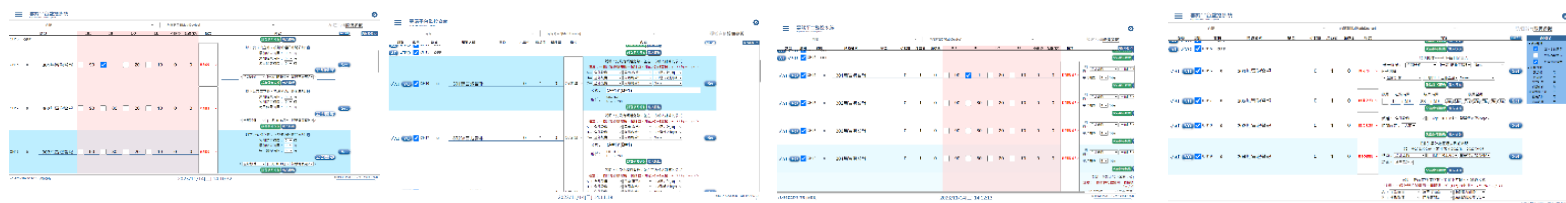
Calculation Module

Accumulator: Automatically accumulates data and enables statistical analysis (e.g., ESG-related electricity consumption).

Formula Calculation: Supports operations with multiple data inputs, including +, -, ×, ÷, %, ^, =, ≠, <, >.

Time Data Averaging: Automatically performs rolling average calculations on selected channels.

Other Calculations: Includes percentage, time range triggering, historical data comparison, and other configurable options.



Web page function

Rights management function: View the corresponding functions/channels according to the rights planned by rights management, and there is an account and password recording/deletion function that can be clicked to quickly log in to the platform



[Recommended Server Specifications]

Processor(CPU)	Intel Core i5-14500 (above)
Memory(RAM)	16G DDR4(above)
Harddisk (HDD/SSD)	1TB(above)
Operating System(OS)	Windows 10(above)

※If deployed together with the JNC WEE server, please pay attention to the storage requirements: based on 1080P resolution and 7 days of recording, each camera requires approximately 200GB of hard drive space.

※If the server requires external network access, the site must have a static public IP address.