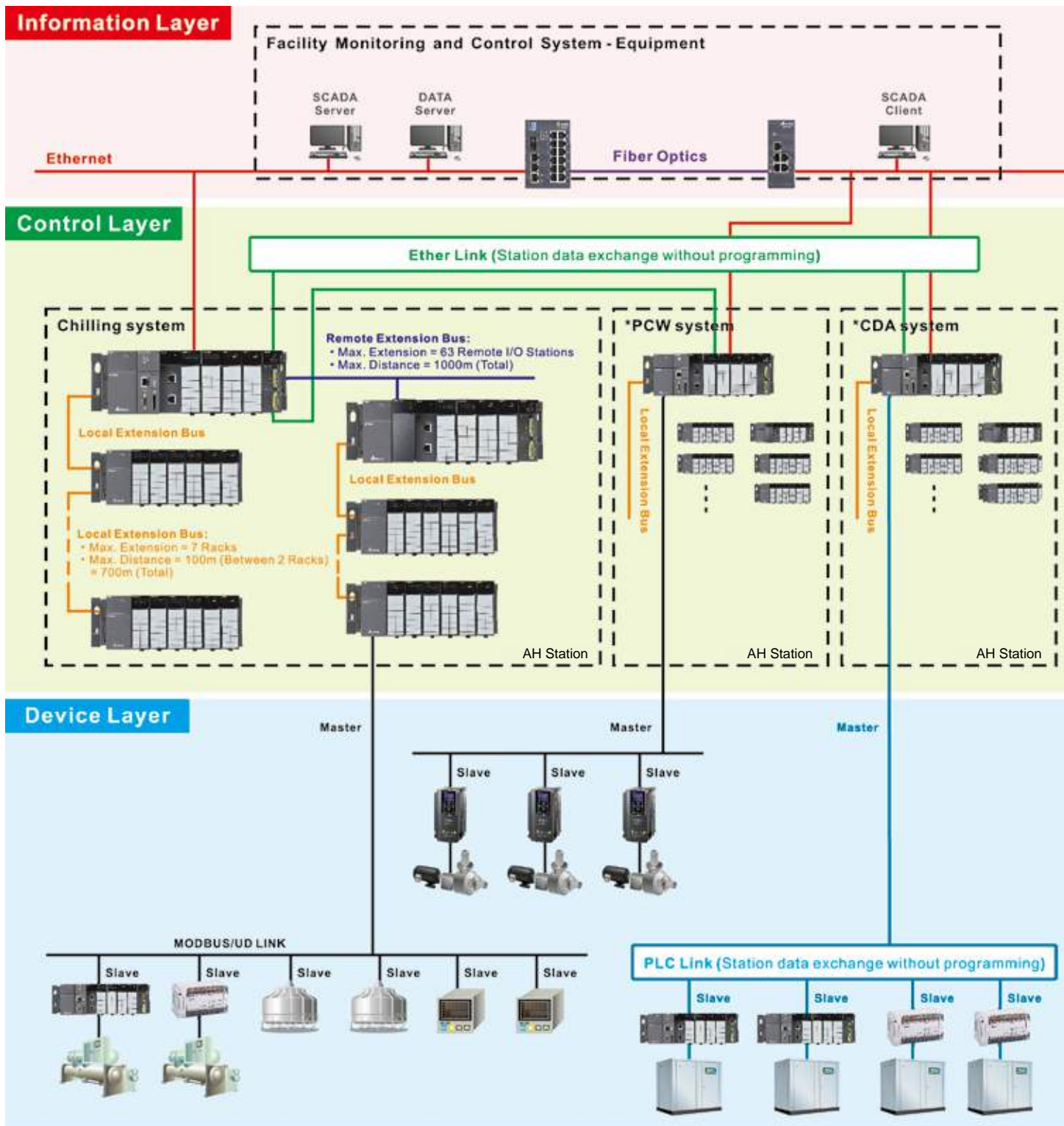


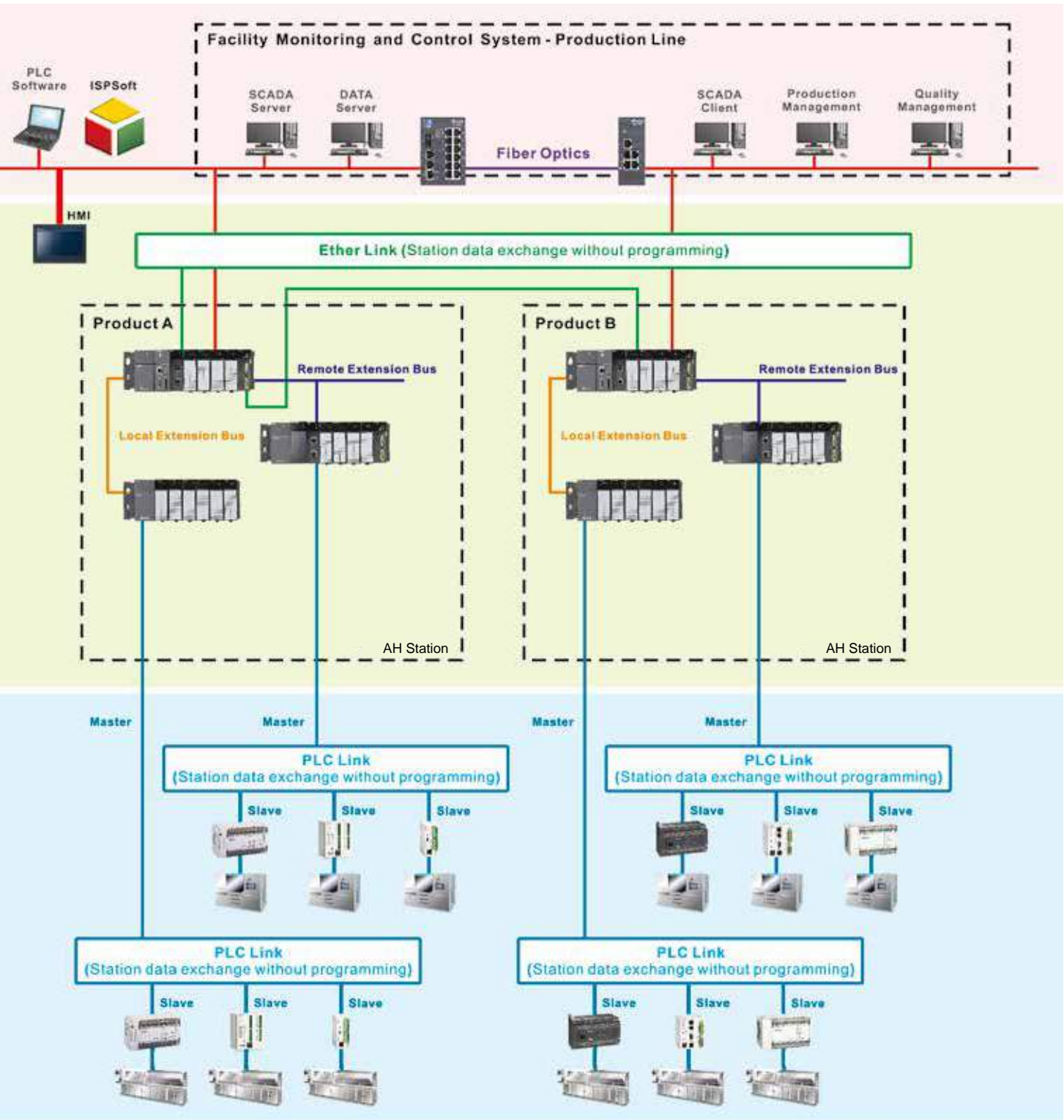
AH System Structure – Facility Monitoring and Control System

The system configuration of the AH is well demonstrated by the Facility Monitoring and Control System (FMCS). The AH in the control layer connects multiple facility systems and product processing systems and performs data exchange without programming through Delta's convenient PLC Link and Ether Link. PLC Link can be applied for data exchange between masters and slaves, and Ether Link can be applied for data exchange between AH master stations. The smart communication feature can save you time spent in programming.



* [Note] PCW system: Process Cooling Water System ; CDA system: Clean Dry Air System

In addition to AH PLCs, Delta's industrial automation solution includes human machine interfaces (HMI), DVS series industrial Ethernet switches, DVP series PLCs, AC motor drives, AC servo drives and temperature controllers. You can find the best solution for your industry from our product lines across the device layer, control layer and information layer.

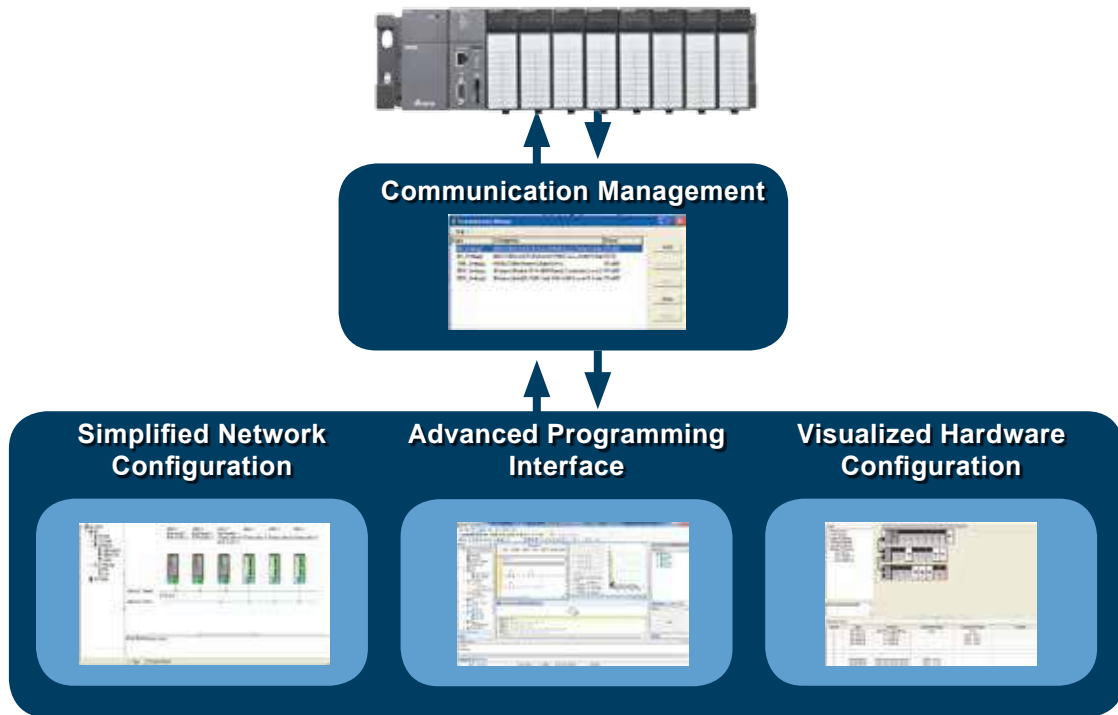


ISPSOft V3.0

Highly Accessible Programming Software

Fully Integrated Interface

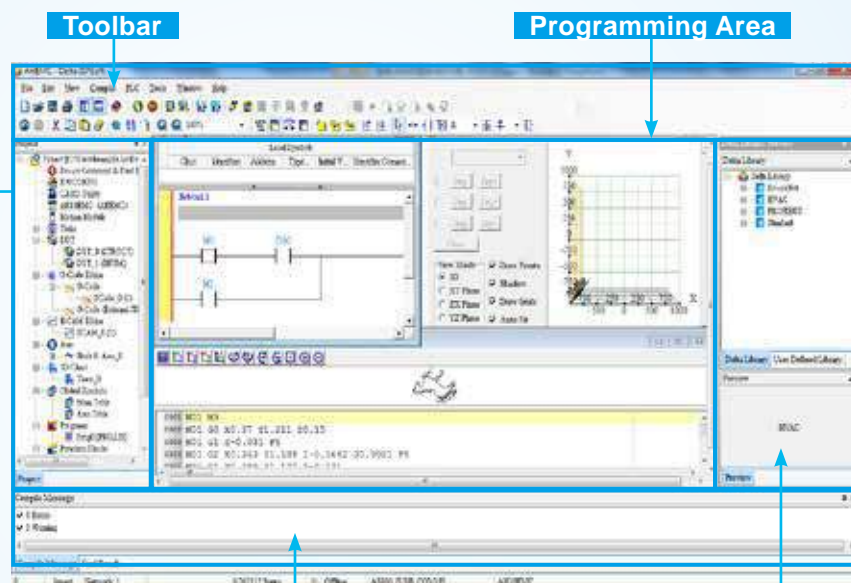
Advanced Programming Interface + Visualized Hardware Configuration + Simplified Network Configuration + Data Tracer & Logger + Motion programming



Advanced Programming Interface

Project Management Window

- **New Functions:** Network configuration, hardware configuration and PLC card.
- Supports 5 programming languages (LD/FBD/SFC/IL/ST)
- **Function Blocks:** Symbols can be introduced in call-by-value or call-by-reference types. Function blocks can be called in function block for up to 32 levels.
- **Monitor Table:** It can be stored and managed separately. Multiple monitor tables can be stored in a single project.
- **User Library:** Users can design frequently used instructions for specific applications in different industries.
- **Task:** Supports cyclic, I/O interrupt, timer interrupt, and more. Software will provide usable tasks for different CPUs.



Message Window

Library Management

Visualized Hardware Configuration

Module Selection

Module Description

Toolbar

- System hardware configuration can be monitored in On-Line mode
- Hardware configuration can be displayed by Scan function

Hardware Configuration Area

- Operations of Cut / Copy / Paste / Delete are available for modules and racks
- Parameters of each module can be directly configured

Rack Information

- I/O device range can be specified by the user

Slot	Name	Description	Input Device Range	Output Device Range	Comments
0	AP1000-PS	AP1000 Power Supply	None	None	
1	AP1000-16-RE	16 x DC JWDIC	3000 - 32.11	None	
2	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3100 - 31.11	
3	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
4	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
5	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
6	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
7	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
8	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	
9	AP1000-16-RE	16 x DC JWDIC	3200 - 32.11	3200 - 32.11	

Simplified Network Configuration

Network Device Selection

Ether Link

PLC Link

Toolbar

Network Configuration Area

- Master device settings
- Ether Link editing function
- PLC Link editing function

Network Information

192.168.1.11 Station 11

192.168.1.12 Station 12

192.168.1.13 Station 13

Ethernet

RS-485

Station 21

Station 22

Station 23

FMCS

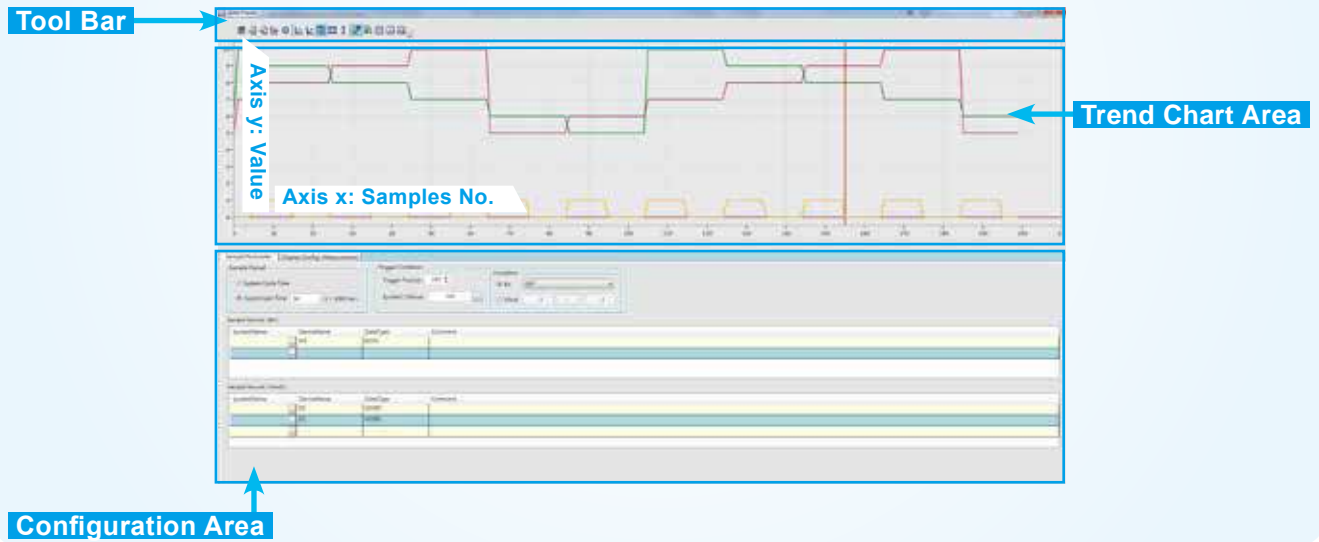
Data Tracer & Logger

Data Tracer

Provides high speed data log ability and the interval could be 1 CPU scan. Users can easily analyze the program logic with this function.

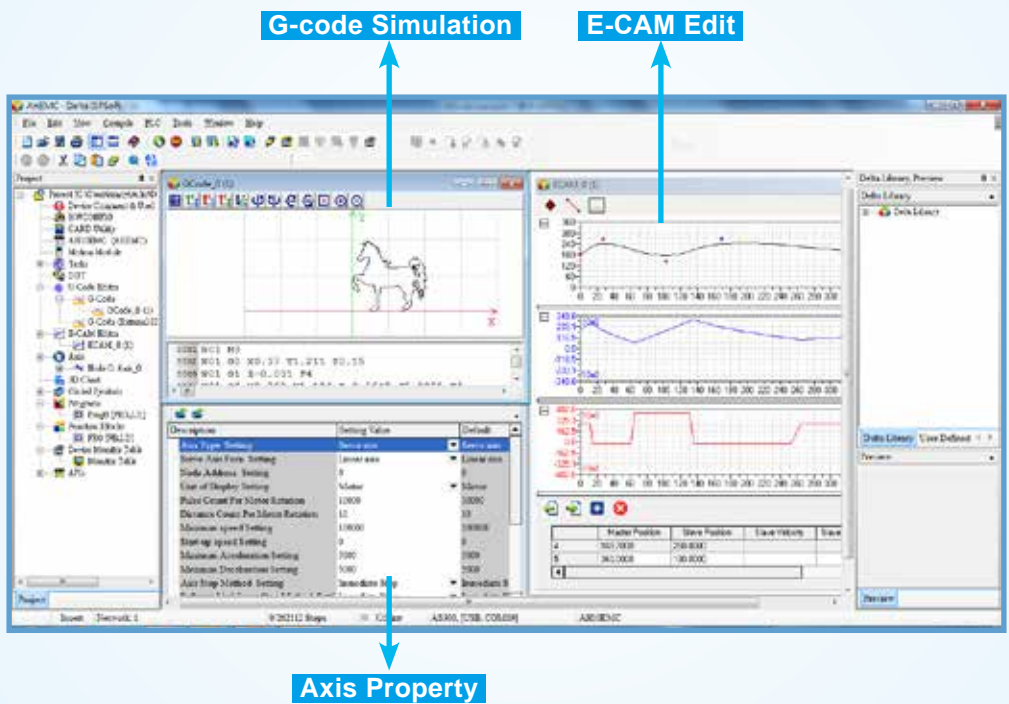
Data Logger

Provides big data log ability and adjustable intervals. Users can log critical system data and then analyze the system operation status.



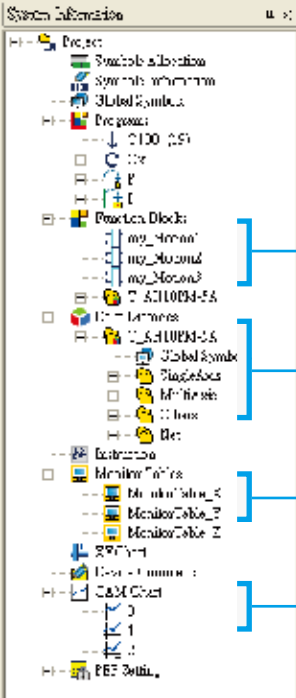
Integrated Motion Programming

ISPSOft V3 integrates the logic and motion program editors into one software



PMSoft V2.0

This programming software is for G-code editing, motion trajectory simulation, positioning route instruction and electronic cam establishment.



Variable Declaration

Separate from the program. The corresponding physical I/O point of the variable is defined only after the program is compiled. Users do not need to modify the program.

Function Block

A complicated project can be divided into many function blocks. A function block can be used repeatedly. The import/export function makes the programming more convenient.

Function Block for Motion Control

Provides function block features specifically for motion control, making programming more convenient

Convenient Monitor Table Management

Users can save and manage monitor tables independently according to their needs.

Electronic Cam


Electronic cam editing

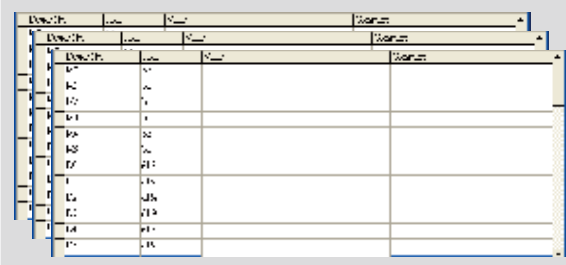
CFC Editor

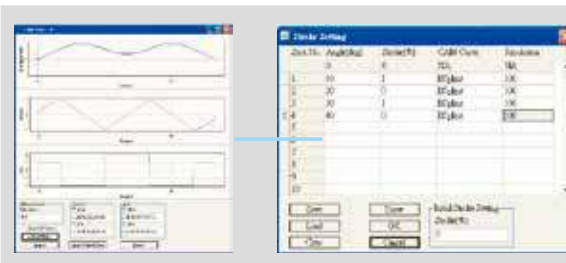
Supports CFC programming language

Local Symbols

Class	Members	Address	Type	Initial	Comment
VAR	Axis_Scan		FFMC_Scan		FFMC軸AD-A2動作
VAR	Axis_Enable		FFMC_Scan_Enable		FFMC軸AD-A2動作
VAR	Axis_VP		FFMC_VPParameter		FFMC對齊點輸入
VAR	Axis_RF		FFMC_ReadParam		FFMC對齊點讀出





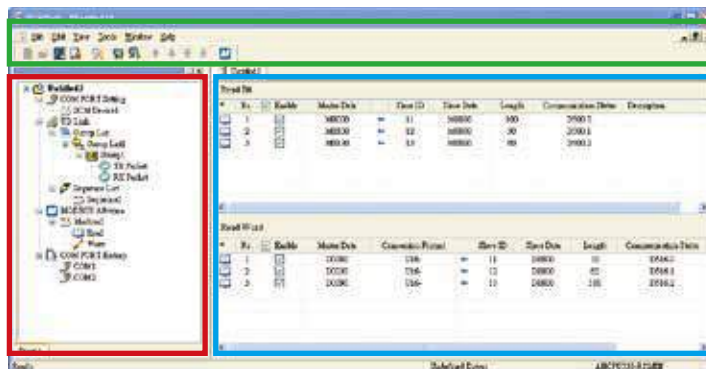


SCMSoft V1.0 Communication Editing Software

Provides SCM module with automatic data exchange setup function

Project Management Interface

- Supports user defined protocol (UD Link)
- Supports MODBUS protocol
- Supports data monitoring for communication ports



Toolbar

- Upload/Download setup files
- Supports wizards

Editing Area

- Data exchange setup
- Status display

