

Lab-LINK

for Windows

Lab-LINK

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SCADA



Easy Config



Easy Control



Easy Configuration

Based on modern object-oriented technology, Lab-LINK is designed for engineers instead of programmers. With its easy to use configuration software, any engineer without computer background can construct a SCADA system using Lab-LINK. No programming language or script skill is required for configuration.

Reliable Alarm System

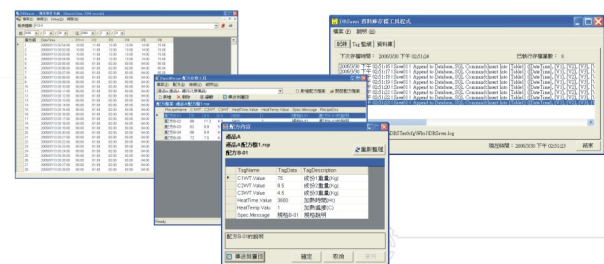
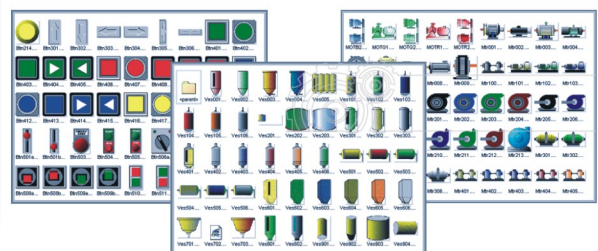
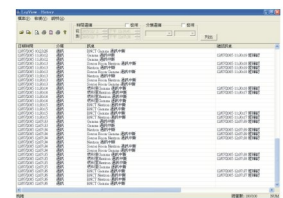
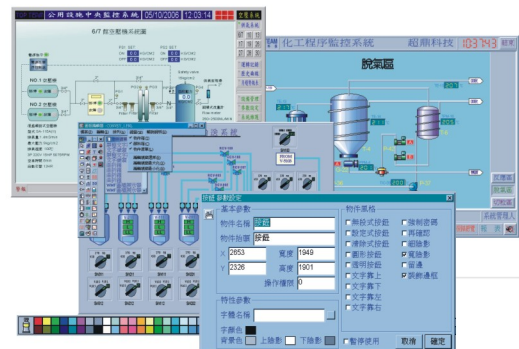
Alarm is one of the most important features in a SCADA system. Lab-LINK has a reliable and efficient alarm system that can generate notification when alarms occur. Users can be alerted with graphic changes or alarm messages on the screen, siren sound or voice annunciation, and even telephone call, fax, email or SMS notification. Alarms can also be logged for query and report.

Rich Graphic Library

To help engineers design exquisite and friendly SCADA screen, hundreds of graphic files are built-in to Lab-LINK. Engineers can use these graphics to enrich their control panel. Lab-LINK support multiple graphic file formats including bmp, wmf, jpg, gif ..., etc. Users can expand the graphic library using any drawing software they prefer.

Database and Report

Data acquired by Lab-LINK can be stored to various files or database and used by backend information system. Among the file format and database supported are plain text, Excel, Access, SQL Server, Oracle ..., etc. Lab-LINK also provides built-in report tools to generate reports effortlessly.



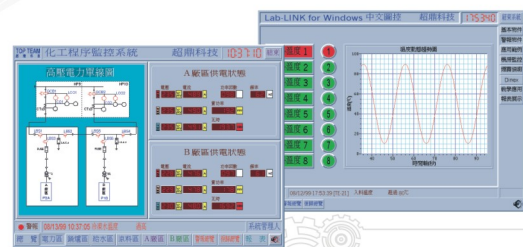
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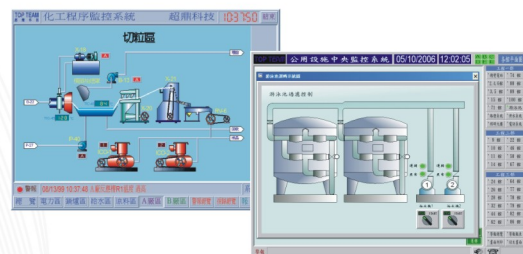
IO Device Support

Lab-LINK support many industrial IO devices which includes programmable logic controller, loop controller, recorder, digital power meters, data acquisition device and other instruments. Communication interface of the IO devices supported ranges from serial interface such as RS-232, RS-485 or RS-422 to Ethernet. Customized IO driver design service can also be provided.



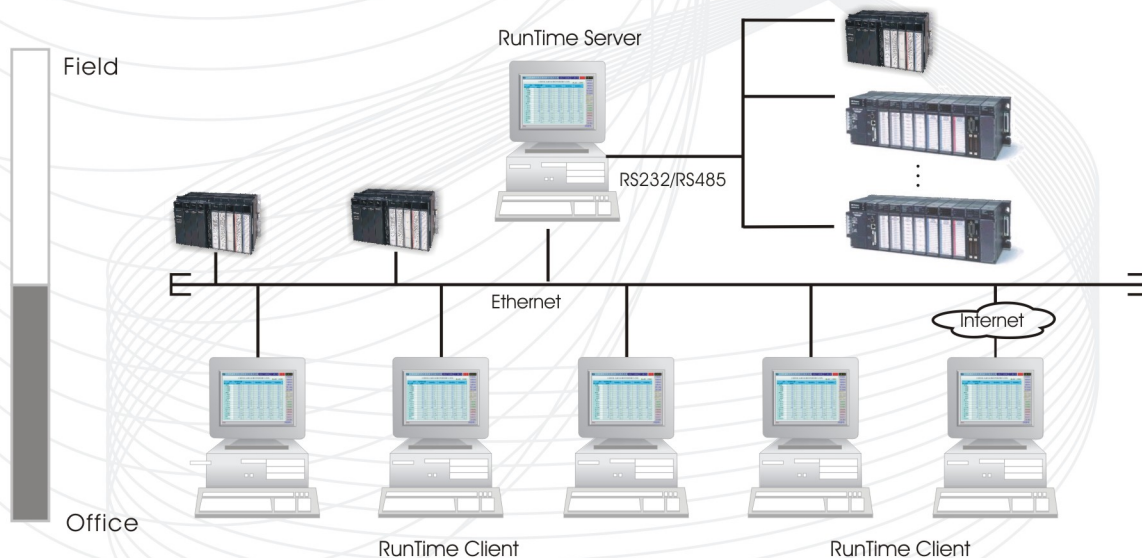
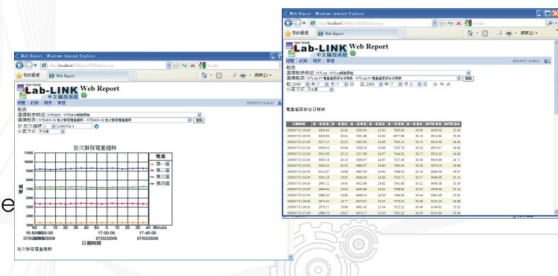
Openness and Expansibility

Lab-LINK supports the OPC industrial standard, and can the refore use third party OPC Server for IO communication. Lab-LINK also supports Dynamic Data Exchange (DDE) to exchange real time data with other software. To expand the features of Lab-LINK, a built-in script language, the Smart Script, is provided for simple application and Lab-LINK API is open to software developer for more sophisticated purpose.



Networking

Thanks to network technology, remote monitoring and control is reality using Lab-LINK. Real time data can be viewed and altered through local network or even over the internet. Field process information is just a mouse click away, no matter where you are.



Application Scendrio

Modules \ Version		Lite	Developer	Runtime		
				Single Machine	Network Server	Network Client
Basic	SmartPAM : Developer Tool	v	v	—	—	—
	Panel Editor : Graphic Design Tool	v	v	—	—	—
	Graphic Library	v	v	—	—	—
	TagView : Test Tool	v	v	—	v	v
	Panel Module	v	v	v	v	v
	Alarm Module	v	v	v	v	v
	Data Module	v	v	v	v	v
	Report Module	v	v	v	v	v
Advanced	Script Module	v	v	v	v	v
	DDE Module	v	v	v	v	v
	Network Module : Server	—	2 Users	—	2 Users 5 Users 10 Users 20 Users	—
	Network Module : Client	v	v	v	v	v
Add-on	LogView : Alarm Report	v	v	v	v	v
	DBSaver : Database Module	v	v	v	v	v
	SmartRecipe : Recipe Tool	v	v	v	v	v
	Notifier : Alarm Notification Module	Optional	v	Optional	Optional	Optional
I/O Driver	I/O Drivers	v	v	v	v	—
	OPC Client	v	v	v	v	—

System Requirement

- *CPU: Pentium III 800 MHz, Pentium4 2.4GHz or above recommended
- *RAM: 128MB, 256 MB or above recommended
- *Hard Disk: 200MB or more available hard disk space
- *CD-ROM or DVD-ROM
- *SVGA Display card and Color Monitor
- *Mouse and Keyboard
- *Operating System: Windows XP, Windows Vista, Windows 7, Windows 8

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