LS
SERIES

AutoLink®

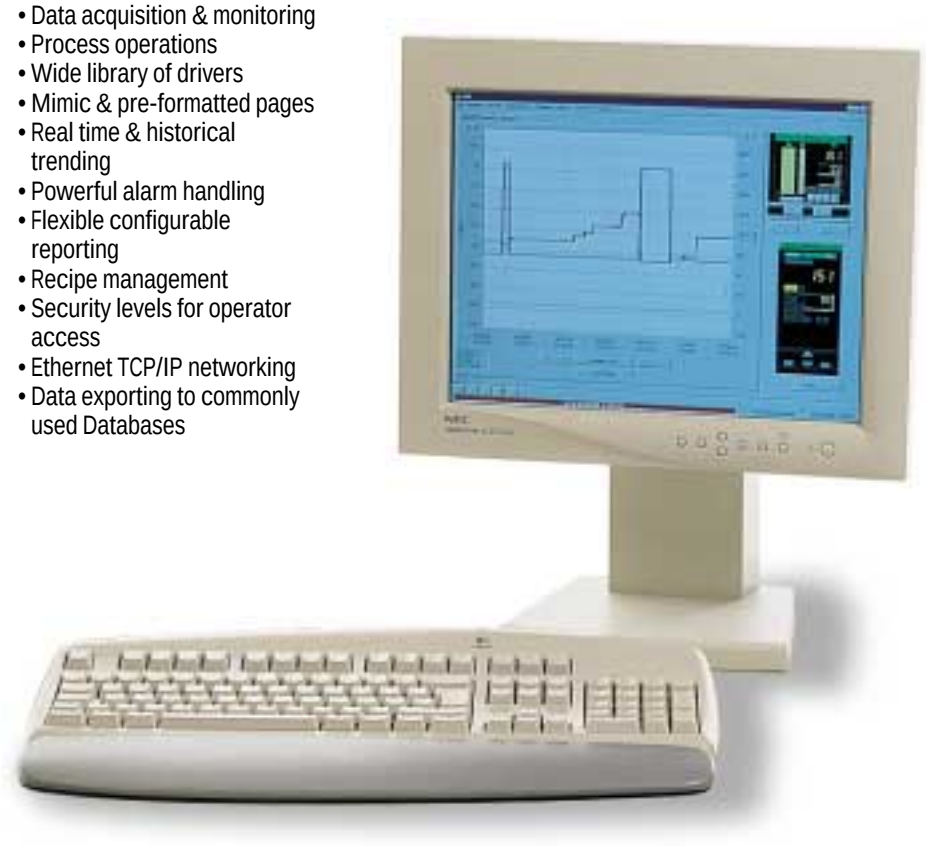
Data Acquisition and Supervisory Control System

AUTOLINK Configuration ? No, Thanks !

ASCON makes customers more competitive by offering a complete range of automation products, including AUTOLINK, a SCADA Software (Supervisory Control And Data Acquisition) for process visualization, control and monitoring of plant floor operations. Designed for Microsoft Windows 9x and NT, flexible and easy to use, AUTOLINK represents the ideal solution for machinery and small plants. No start-up costs are involved if employed with gamma**due®** ASCON controllers: a self-configuration tool automatically polls the connected devices and builds up the application software.

Main features

- Self-configuration with ASCON controllers ! !
- Data acquisition & monitoring
- Process operations
- Wide library of drivers
- Mimic & pre-formatted pages
- Real time & historical trending
- Powerful alarm handling
- Flexible configurable reporting
- Recipe management
- Security levels for operator access
- Ethernet TCP/IP networking
- Data exporting to commonly used Databases

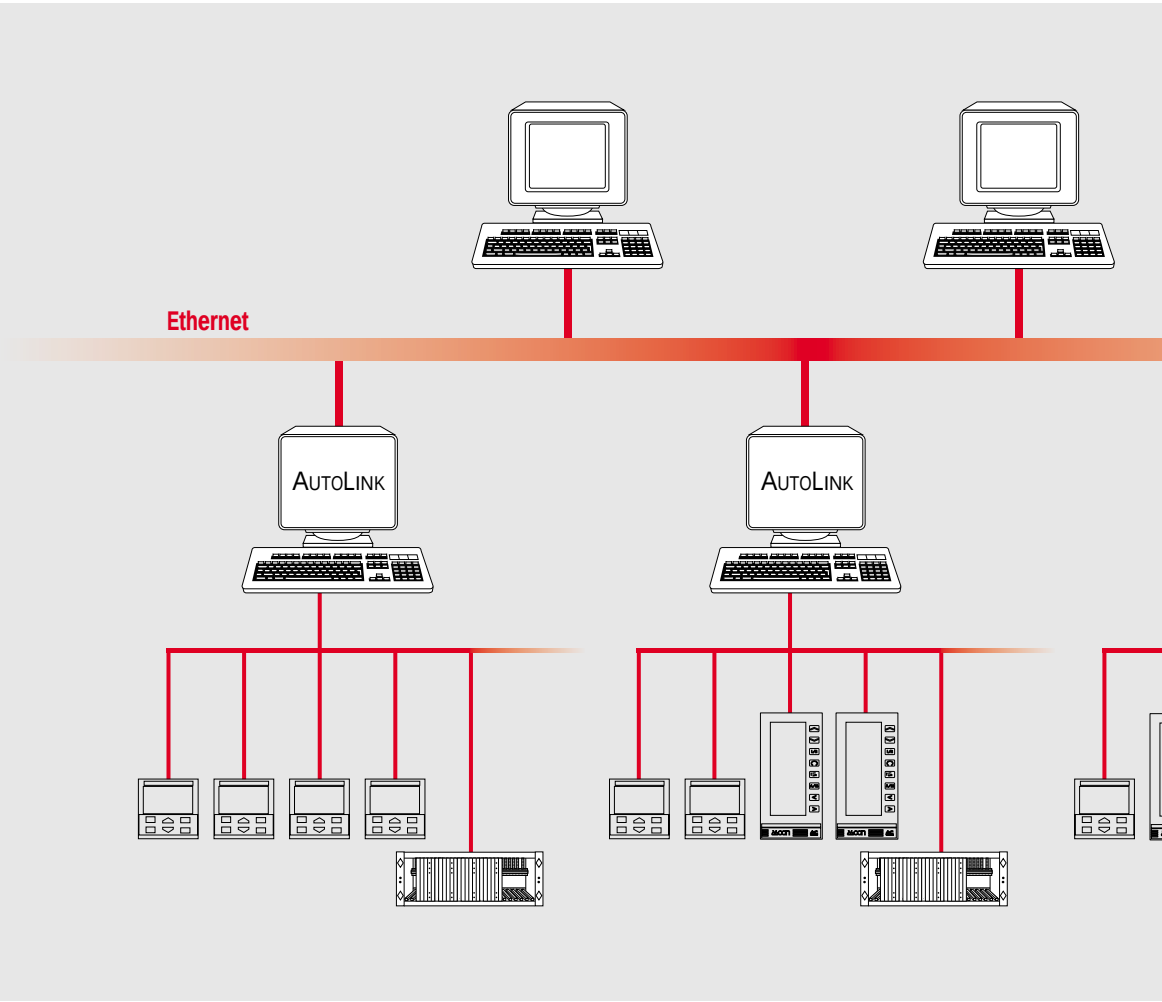


E

ISO 9001 Certified

System Architecture

AUTOLINK meets supervisory control requirements by integrating process information from distributed controllers. Once acquired, data is available throughout the Ethernet network for monitoring, control and reporting on local and remote stations. AUTOLINK integrates data from ASCON controllers and a range of third party PLCs.



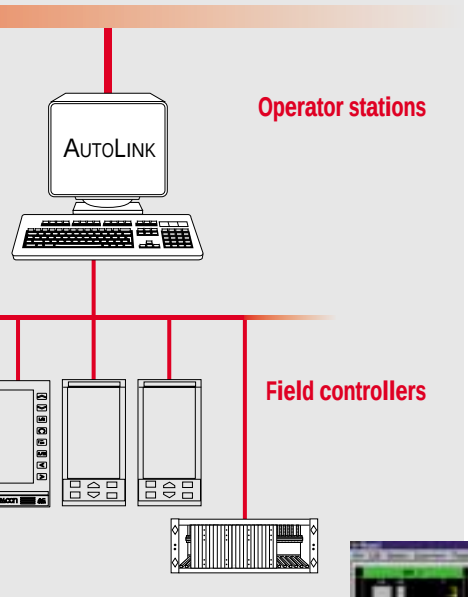
Functionality

The operator interface makes intensive use of pull down menus, toolbars and buttons for fast access to key process data. Multiple windows capability dramatically increases display flexibility and provides, at the same time, a powerful tool for process data correlation.

Event and alarm tracking and management ensure that operators promptly receive notification of process upsets or abnormal conditions. Archived data can be displayed via multiple pen charts, which provide precise and complete identification of process variables, as well as time scrolling and zooming capability. Plant status and process operations can be documented by means of reports created automatically or on demand. In addition the capability of handling recipes provides production flexibility for batch processes.

Project Manager

Designed to create and modify your own application, it is based on a set of fully integrated software modules which make easy system, database and HMI configuration.



QuickDin

An extremely powerful tool which can be used when the control system includes gamma**due**® controllers. Database variables, overview, group faceplate, loop detail, trend and alarm pages are automatically created according with the controllers found on the communication line. In a few seconds a 'ready to use' application is built up, eliminating any engineering activity. All the process data is presented enabling remote control of all connected devices. In this case, the configuration modules described below could be used to customize your application or add foreign controllers.

Template Builder

An object based, fully integrated custom display builder for development of site specific graphical displays. Objects include bitmap, metafile, text, indicator, bargraph, trend chart, alarm list, display and control panels. A wide library of commonly used plant equipment, such as vessels, piping, valves, tanks, conveyors, … is available to further speed up graphic development.

Recipe Builder

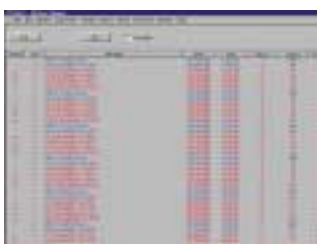
A flexible tool to create and manage recipes and download them to nominated process units. Recipe items may be used to set ingredient targets, set alarm limits, set timers and place equipment into the correct operating state.

Report Builder

A configurable reporting tool to create free format reports as TXT or RTF files. Reports can be displayed, printed and archived on demand, on event or periodically.

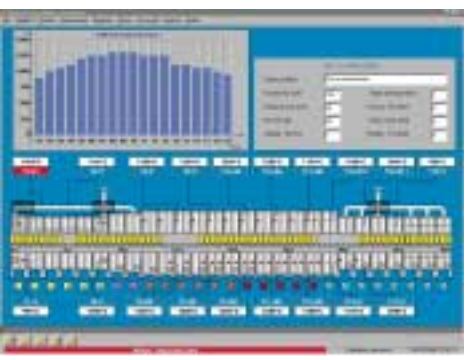
Code Builder

An integrated development tool to add customized functions: user tasks can be easily created via a powerful C-like programming language, which includes special statements for simple access to all the database variables.



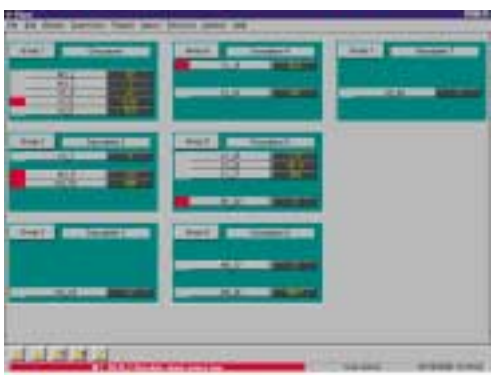
Configuration Builder

Used to set up system configuration, communication lines and protocols, warning messages and users groups.



Gate Builder

A simple tool to create and quickly manage the database. Several types of variables can be defined: numerical, digital, string, event, alarm, counter, … Each variable can be identified with tag name, description, address, sampling time, engineering units, …



Technical data

Platform	
Hardware	Pentium, 32 Mb Ram, CD Rom; minimum monitor resolution 800x600
Operating System	Windows 95, 98, NT
SQL	Yes
Communications	
I/O Lines	Max 4 Serial Lines
I/O Drivers	Modbus RTU/ASCII
	Allen-Bradley Df1 Full Duplex Protocol For Plc 3
	Allen-Bradley Df1 Full Duplex Protocol For Plc 5
	Allen-Bradley Df1 Full Duplex Protocol For Slc 500
	Mitsubishi Fr-Cu03
	Siemens – Plc Simatic S5
	Matsushita Mewtocol – Com
	Omron Sysmac
	Saia P800
	Saia S-Bus
	Klockner Moeller Sucom - A
	Klockner Moeller Sucom – A For Ps4
Networking	Ethernet
Database	
Variables	128, 2048, 65536
Variable Types	Numeric, bit, string, compound
Alarms	Not limited
Trends	1 file/day for numerical, 1 file/day for digital, 1 file/day for alarms
	~ 1kb for each acquisition
HMI - Functionality	
Access Levels	32
Mimic Pages	Not limited
Alarm Pages	Not limited
Trend Pages	Not limited, up to 10 pens per page, zoom-in/out
Pre-formatted Pages	Automatically generated, Overview, Group Faceplate and Loop Detail Pages
Recipes	Create, upload, download
Reports	Up to 999. Create, print, display
Auxiliary Functions	Event Scheduling, Remote Control, Multiple Windows, Script Language [Code Builder], Multi-language

Ordering Codes

LSAUTOLINKDIN203AE
Development and Run Time Software.
For gamma**due®** controllers only.
31 controllers max.
LSAUTOLINKDVS203AE
Development and Run Time Software.
128 variables max.
LSAUTOLINKDVM203AE
Development and Run Time Software.
2048 variables max.
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Development and Run Time Software.
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65536 variables max.

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