

## ■ NS Series Features

This section will describe the features of the NS Series functions.

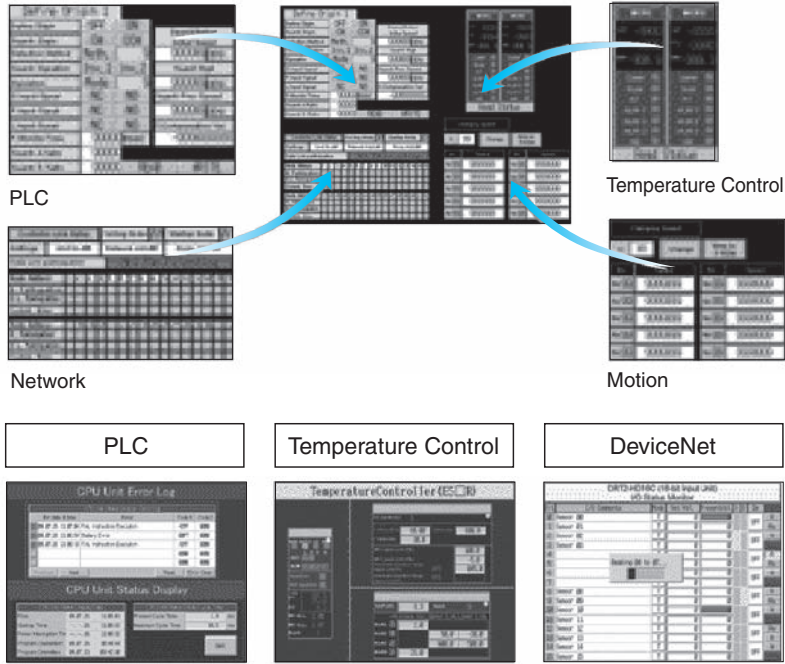
### ● Smart Active Parts (SAP Library)

SAP is a component that directly accesses the OMRON PLC and components.

Only selecting a required part from the library and putting it on the editing screen enables creating an application that can set up or monitor for the PLC, inverter, servo, communications unit, and temperature controller.

Screens can of course be created, and operation screen, supervision screen, and transmission ladder creation is not required.

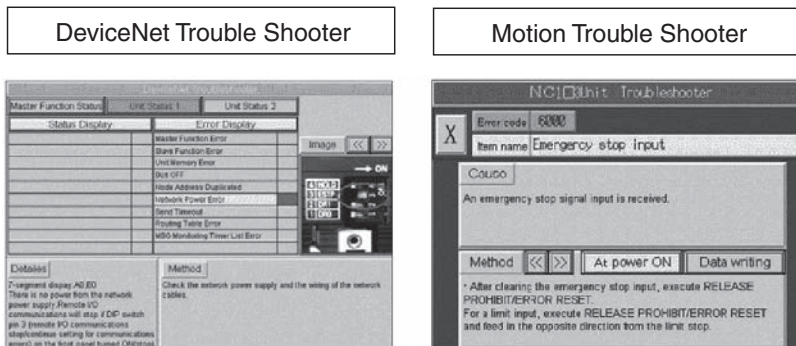
#### ● 3,000 SAP Library examples



### ● Troubleshooting SAP Library

This is the SAP library that performs troubleshooting for each of the OMRON PLC units.

When an error occurs in each unit, the Trouble shooting SAP Library inform the cause and countermeasures for the error in an easy-to-understand manner.



## ● Ladder Monitor

Displays a ladder program on the screen, making it possible to see the operating conditions.

The ladder monitor can be used as a PLC electrical monitor, and perform ladder monitoring for address/search commands and multi-point I/O etc.

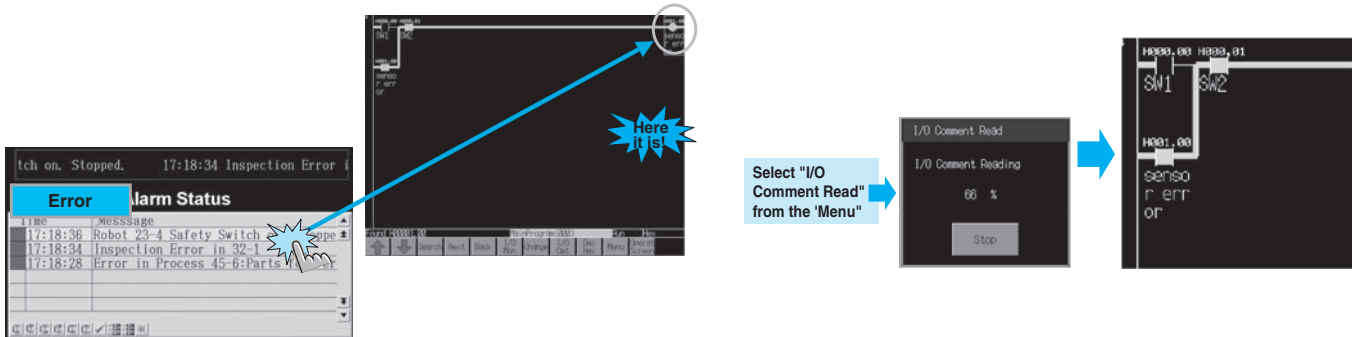
### • Jump from Alarm to Circuit

Automatically search the alarm bit at the flip of a switch or so easily from the alarm screen.

### • Reading I/O Comments Directly from PLC, very easily

Read I/O Comments from the PLC with one touch.

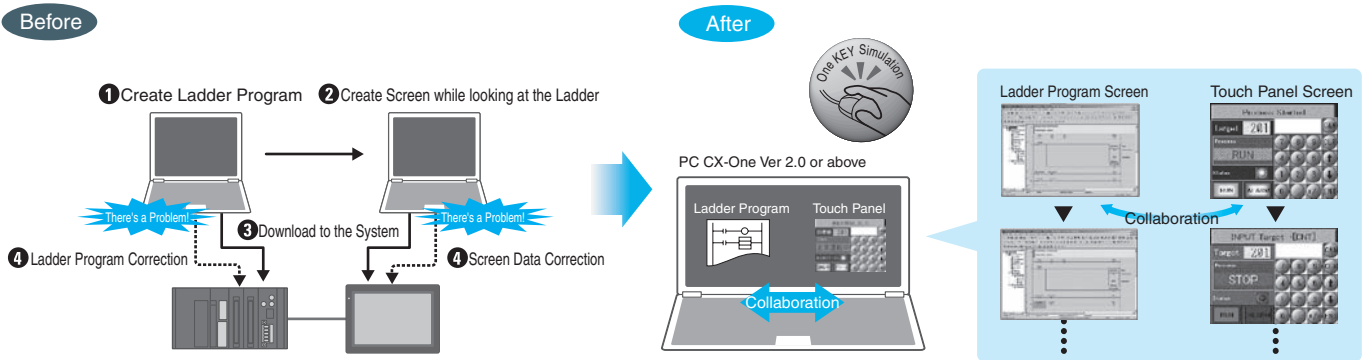
No operations are necessary to display I/O Comments.



## ● Integrated Simulation

You can simulate ladder and screen data at the same time on a personal computer without a real PLC nor NS.

Just by clicking one icon, the ladder program and screen can be checked at the same time.



**Multi-language Support**

42 languages are supported, including a convenient function to change the nameplate.

42 Asian and European languages can be displayed on the screen using Unicode. Also use the nameplate switching function to change nameplates in max. 16 and indicate the language to be displayed on the plate to change one screen in max. 16 languages.

NS Series



The nameplate encoding can also be set when importing.

When importing screen data, specific encoding can be applied to a nameplate, and the same font and font color can be applied to other name plates automatically.

**Multi-lingual CSV Data**

項目	日本語	英語	ドイツ語
00	Setting Screen	設定画面	Einstellung Des Schirms
01	Monitoring Value	監視値	Überwachung Des Wertes
02	TARGET	目標値	ZIEL
03	ALARM MAX	警報上限値	WARNTUNG MAXIMUM
04	ALARM MIN	警報下限値	WARNTUNG MINUTE
05	OPERATION QUANTITY	稼働数量	BETRIEB QUANTITÄT
06	MANUAL OPERATION	手動稼働	HANDBETRIEB
07	OPERATION MAX	稼働数量上限値	BETRIEB MAXIMUM
08	OPERATION MIN	稼働数量下限値	BETRIEB MINIMUM
09	Pulse	パルス	Impuls
10	Pulse	パルス	Impuls
11	Pulse	パルス	Impuls
12	Pulse	パルス	Impuls
13	Pulse	パルス	Impuls
14	Pulse	パルス	Impuls
15	PLUS/STOP	プラス/ストップ	DURO/LAUF/ANHALT
16	AUTO/MANUAL	自動/手動	AUTOMATISCH/MANUELL
17	INITIALIZE	設定値初期化	INITIALISIEREN

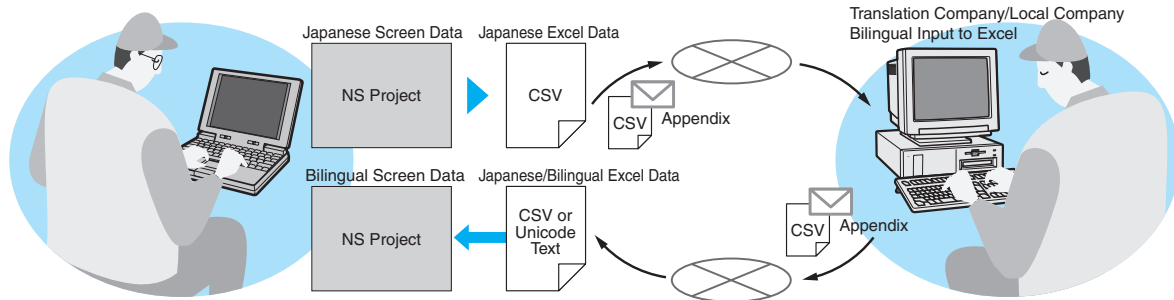
Import

This is really convenient!



Multi-language support has become even easier.

You can request translations to a translating companies by simply exporting Japanese screen data to a CSV file and emailing it to the company. Then, by simply importing the translated CSV file, the multi-language screens can be easily completed.



Note. For multi-language compatibility, Windows2000 or XP is required.

**FTP (File Transfer Protocol)**

This is the standard file transfer protocol (procedure) used on the internet.

Since FTP is an (open) protocol, there is a great deal of transmission software (FTP clients) available, and there is also a substantial library available for use with the software.

With the NS, it is possible to transmit screen data to a Windows FTP client, and to create applications that change screen data files with software included in the FTP library.

You can edit text or lists (by Put, Get Commands) from the host computer as well as make changes to recipes so easily!

And you can replace BMP files only such as images and photographs. Screen changes are also really easy!

