

May 2008
Fuji Electric FA Components & Systems Co., Ltd.
Control & Drive Systems Division

MICREX-SX Series SPH **Notice of SPH2000 Functional Expansion**

We would like to thank you for your continued patronage of Fuji Programmable Controllers.
Please be informed that Fuji Electric FA has expanded the functions of the MICREX-SX Series SPH2000 with a firmware upgrade.

1. Contents of SPH2000 Change

Item	Applicable model	Expanded function
Firmware change	SPH2000 CPU module (NP1PM-48R) NP1PM-48E NP1PM-256E NP1PM-256H	(1) Mail client function

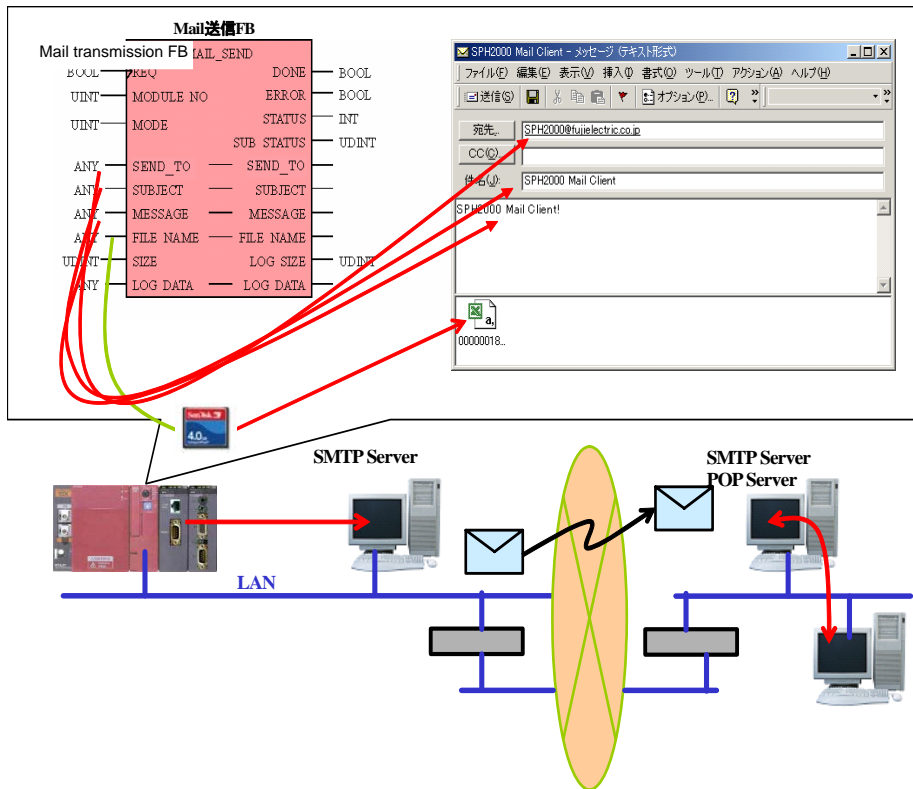
Note: The functional expansion does not apply to the NP1PM-48R because it does not have a built-in Ethernet function. The version number, however, has been changed for the purpose of model number management.

2. Notes on SPH2000 Change

- (1) The change has been applied to products manufactured since May 2008.
- (2) Applicable versions
The change is applicable to firmware version V10 and subsequent versions.
- (3) The prices and model numbers remain unchanged.
- (4) The use of this function requires an upgraded version of the SX-Programmer programming support tool.
 - Expert (D300win) V3 (NP4H-SEDBV3): V3.4.4.0 or subsequent versions

3. Outline of Expanded Function

- (1) Mail client function
The added mail client function allows the user to send e-mails at any desired time from the CPU module with or without files that are accessed from a compact flash memory, through an SMTP server on the network to a communications device (e.g., a PC).



(2) Precautions

1. The new function cannot be used in combination with the redundancy function (when the NP1PM-256H is used).
2. A CPU module will result in a fatal fault when a project including the new function is downloaded from a CF memory mounted to the CPU module and executed, unless the CPU module supports the new function. Communication with the programming support tool may also fail. The same conditions may result if the project is transferred by an SX control utility. Turn off the PLC, dismount the CF memory, set the key switch to STOP, and turn on the PLC if communication with the programming support tool becomes impossible. Move the key switch to TERM, and initialize the resource or download the program when the programming support tool is connectable.
3. The CPU module and programming support tool are related as follows when the new function is used.

		Expert (D300win) Programming Support Tool	
		Products supporting the function (V3.4.4.0 or subsequent versions)	Products not supporting the function (older versions)
SPH2000 CPU	Products supporting the function (V**10 or subsequent versions)	Available	Not available
	Products not supporting the function (older versions)	Not available ⇒ A version check will be made when downloading from the Expert. The downloading will then be blocked. Keep in mind that no version check will be possible for direct data writing to the CF or for downloading with the SX control utility. Pay the utmost attention when downloading to the CPU from tools other than the Expert.	Not available