Network Table Edit on local mode

When IP addresses have to be changed for review of system, do you have experience of having difficulty in changing IP addresses on network table?
It is useful in changing settings on site by editing network table on local mode!

Before

As IP addresses are changed, it is necessary to edit and transfer the screen program.

(Before review)

192.168.1.100

192.168.1.1   192.168.1.2

(On review)

192.168.1.100

192.168.1.10   192.168.1.11

1. Changing settings on the software.

I need a PC and software to change the IP addresses. So, I won't change them immediately.

2. Transferring.

Using Network Table Edit function on local mode...

After

It is possible to finish changing IP addresses on the V9 unit in a moment!

1) Select an item to change on "Network Table Edit" and press "Edit".

No	Host Name	IP Address	Sub Net Mask	Gate Way	Service Po
0	HMI_1	192.168.1.1	255.255.255.0	0.0.0.0	10000
1	HMI_2	192.168.1.2	255.255.255.0	0.0.0.0	10000
2	HMI_3	192.168.1.3	255.255.255.0	0.0.0.0	10000
3	HMI_4	192.168.1.4	255.255.255.0	0.0.0.0	10000
4	HMI_5	192.168.1.5	255.255.255.0	0.0.0.0	10000

2) Change an IP address and press "Confirm" button.

- Host Name: HMI_1
- IP Address: 192.168.1.10
- Subnet Mask: 255.255.255.0
- Gateway: 0.0.0.0
- Service Port: 10000
- Time-Out: 15 * sec
- Retrials: 3

3) The changed IP address is displayed. Press "Apply" button for determination.

No	Host Name	IP Address	Sub Net Mask	Gate Way	Service Po
0	HMI_1	192.168.1.10	255.255.255.0	0.0.0.0	10000
1	HMI_2	192.168.1.2	255.255.255.0	0.0.0.0	10000
2	HMI_3	192.168.1.3	255.255.255.0	0.0.0.0	10000
3	HMI_4	192.168.1.4	255.255.255.0	0.0.0.0	10000
4	HMI_5	192.168.1.5	255.255.255.0	0.0.0.0	10000

Good

It is useful to change settings with no PC!
You can quickly make the changes!

Point

Contents of changed settings on the V9 unit is saved as a setting file.
For details of the setting file and items which can be changed on local mode, please refer to "V9 series Troubleshooting/Maintenance Manual".

Useful functions concerning Ethernet (Network Test/Duplicate IP Test)

It is possible to conduct tests on Ethernet in "I/O Check" menu on local mode.

Network Test

It is possible to check connecting condition by entering an IP address of a device on the network.

Ethernet cable

192.168.1.20

<Magnified view>

1. Entering a target IP address.

2. Starting by pressing "Start Test".

3. Results are displayed.

Duplicate IP Test

It is possible to check whether the IP address set for the V9 unit overlaps IP addresses of other devices on the same network or not.

192.168.1.1

<Magnified view>

1. Starting by pressing "Start Test".

2. Result are displayed.

Ethernet

PLC1　　　　PLC2　　　　PLC3

192.168.1.20　　192.168.1.21　　192.168.1.22

Good

It is useful to check connectivity with no PC!
In addition, operations are simple and easy!

Hakko Electronics Co., Ltd.