

INDEX

- 01. Input set data using a USB flash drive
- 02. Remotely browse documents in an office on a HMI unit
- 03. Reduce serial ports on a PLC for connection with multiple HMI units
- 04. Reduce serial ports on a PLC with HMI unit's interfaces for connection with different devices
- 05. Monitor and operate HMI screens at a production site from the office

Techniques for GP3000 Series



01

Input set data using a USB flash drive

Solution Rating



90%

Q

QUESTION

Do you think you have to build a network to distribute operating instructions in electric data?

A

Pro-face's solution

The GP unit with a USB port allows you to distribute operating instructions using a commercially available USB flash drive without building a network.

Pro-face offers DATA INPUT VIA A USB FLASH DRIVE

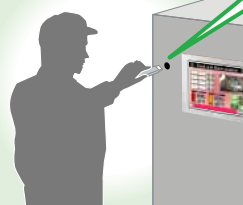


Production site

USB Front Cable
(CA5-USBEXT-01) <Sold separately>



USB flash drive

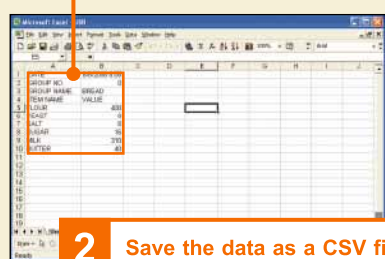


Install a USB Front Cable Port on your operation cabinet. You no longer need to open the panel door to connect a USB drive to your GP unit.

Easy operation

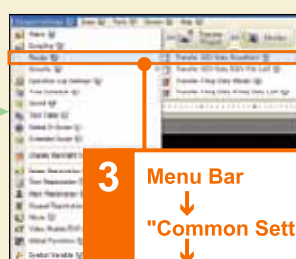
Distributing recipe data using a USB flash drive

1 Create recipe data on an Excel sheet.



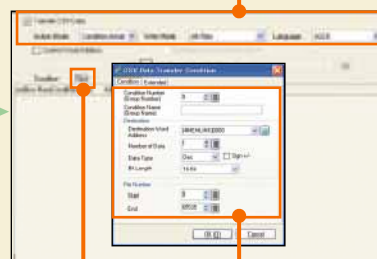
2 Save the data as a CSV file in a USB flash drive.

Start GP-Pro EX



3 Menu Bar
↓
"Common Settings"
↓
"Recipe"
↓
"Transfer CSV Data (Condition)"

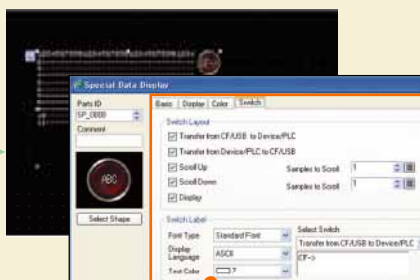
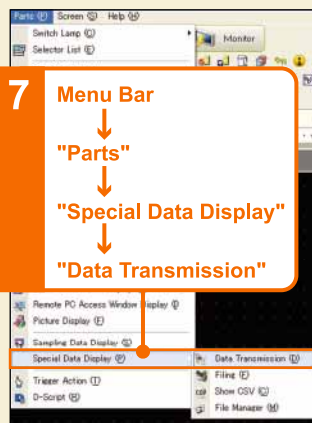
4 Check "Transfer CSV Data" and set "Action Mode," "Write Mode," and "Language".



5 Click "New".

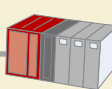
6 Set the CSV data transfer conditions.

7 Menu Bar
↓
"Parts"
↓
"Special Data Display"
↓
"Data Transmission"



8 Double-click the placed Special Data Display, and configure the display settings, color settings, and switch settings.

Transfer the screen data to the GP



D100 400
D101 8
D102 8

SECTION

02

Remotely browse documents
in an office on a HMI unit

Solution Rating



90%

Q

QUESTION

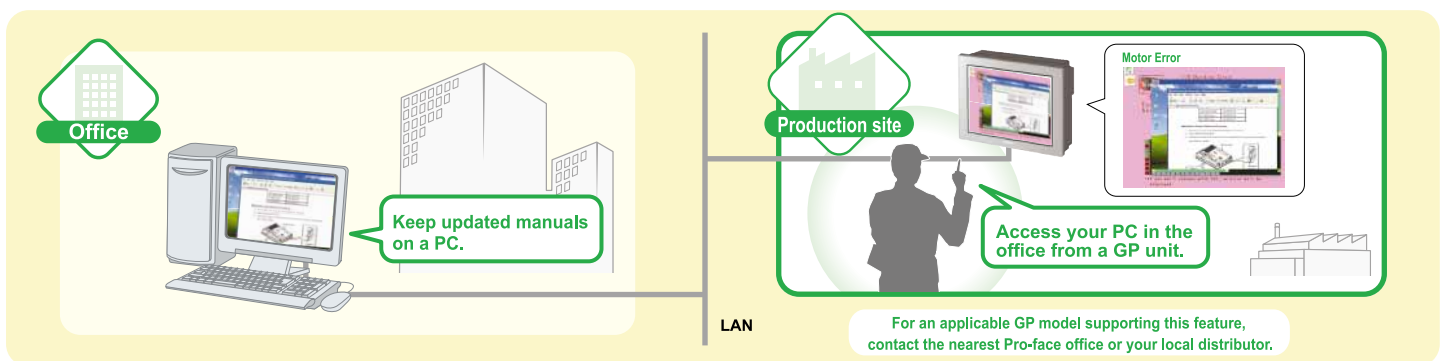
Do you go to the office to get your PC when debugging is required or a problem occurs?

A

Pro-face's solution

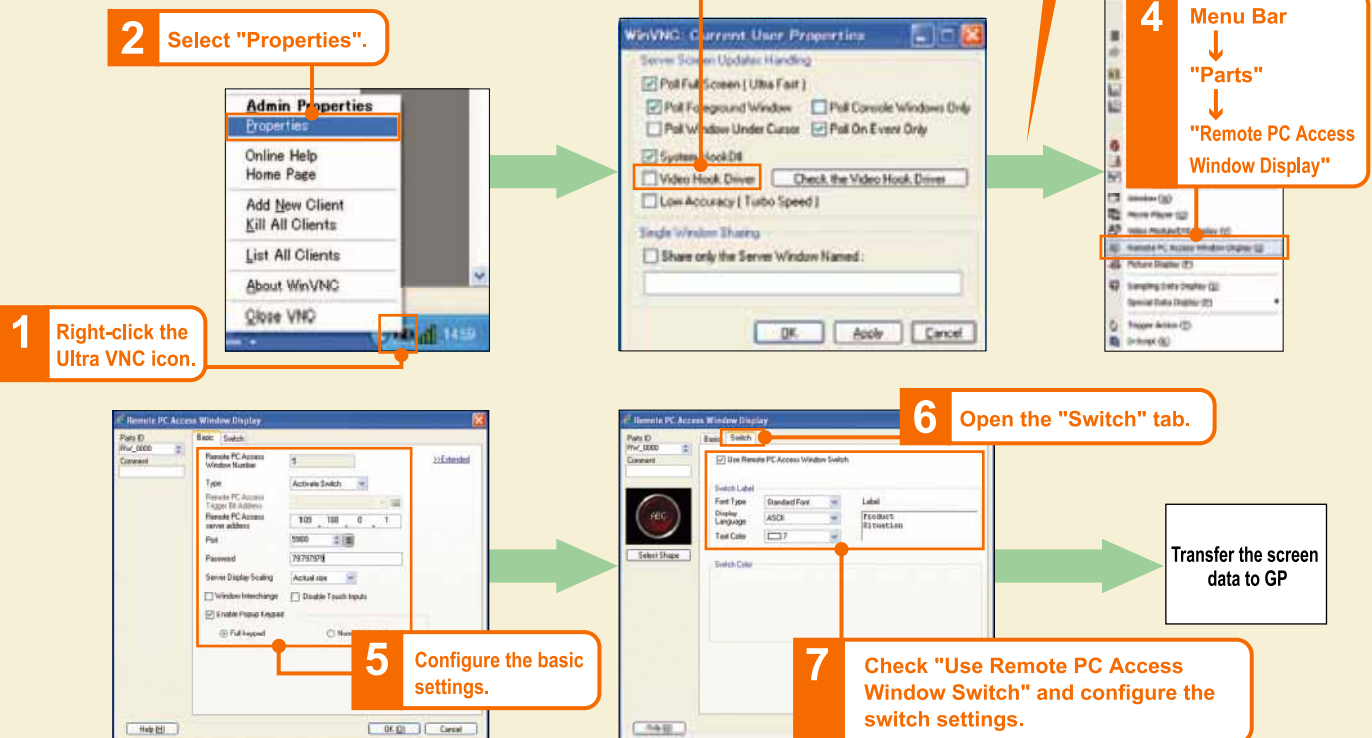
The Remote PC Access feature allows you to access your PC in the office from a GP unit at the site. You can reduce downtime by remotely monitoring a ladder tool or manual from the site.

Pro-face offers DATA REFERENCE FROM A GP UNIT



Easy operation

Displaying a PC screen on the GP unit



To use the Remote PC Access feature, Purchase of a separate license is required. Ultra VNC must be installed on your PC. It is included in the GP-Pro EX installation CD.

SECTION

03

Reduce serial ports on a PLC for connection with multiple HMI units

Solution Rating



100%

Q

QUESTION

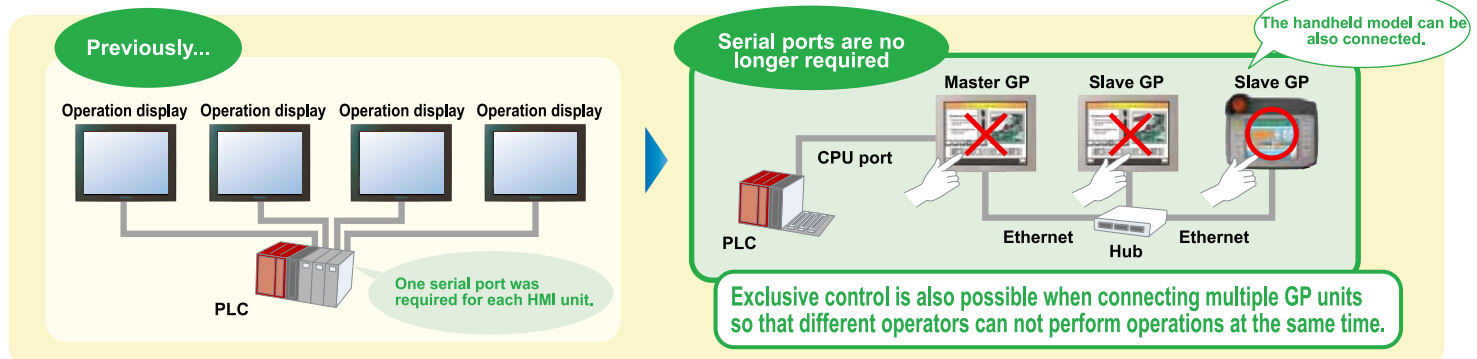
Are you using two or more serial ports to connect multiple HMI units to a PLC?

A

Pro-face's solution

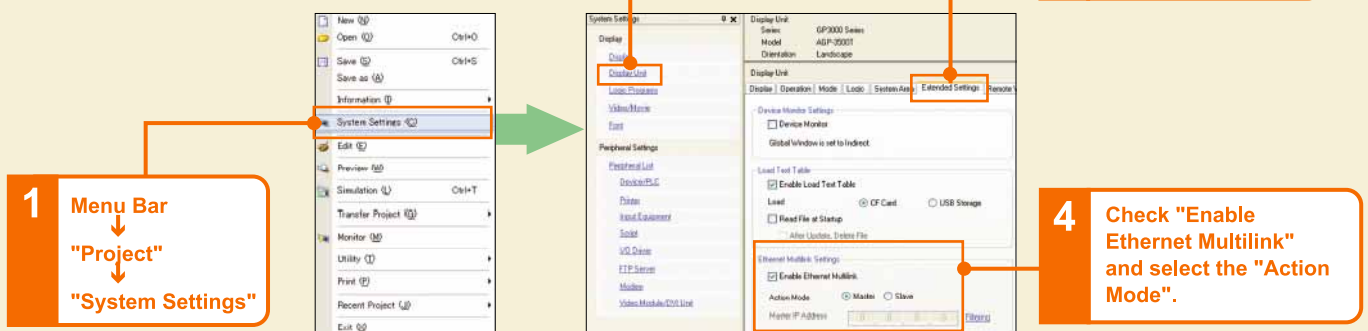
Pro-face allows you to connect two or more GP units directly to a single port on a CPU unit. These GPs can be connected to each other via an Ethernet network.

Pro-face offers LOW-COST ETHERNET CONNECTION

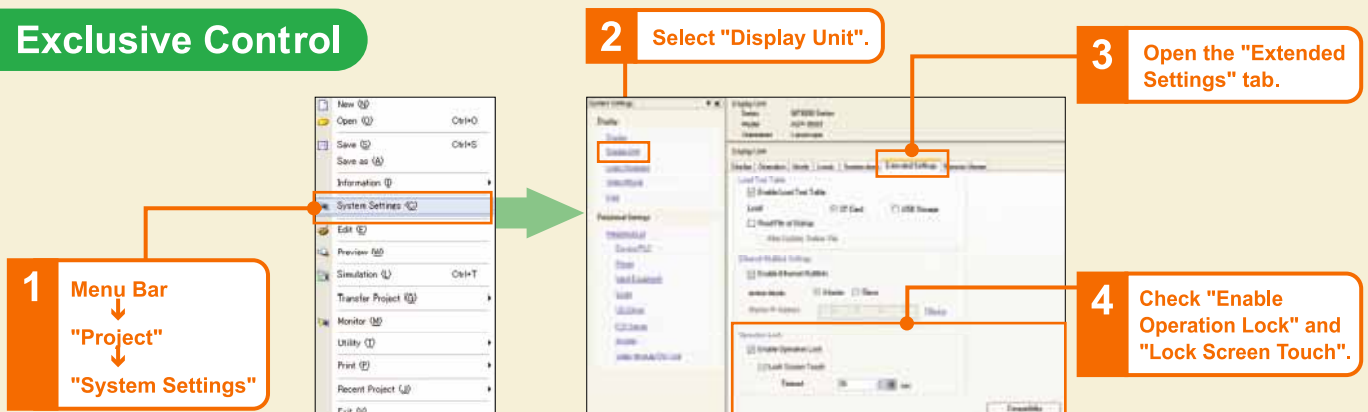


Easy operation

Ethernet Multilink



Exclusive Control



Reduce serial ports on a PLC with HMI unit's interfaces for connection with different devices

Solution Rating



90%

Q

QUESTION

Are you planning to purchase an additional communication unit to connect a PC or other device to a PLC?

A

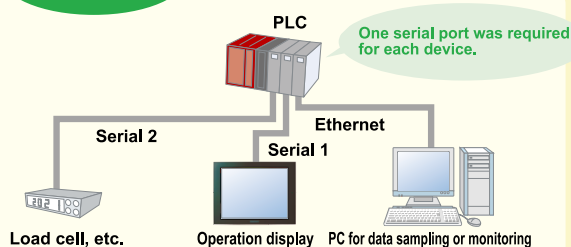
Pro-face's solution

Pro-face's GP unit enables connection with PC and various devices using its interfaces.

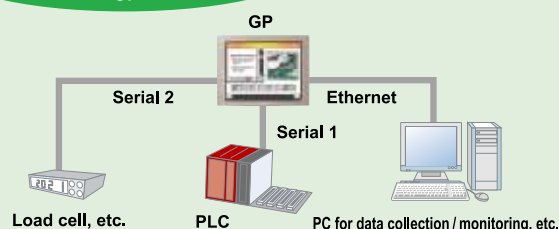
Pro-face offers UNIFORMED DATA HANDLING ON A GP UNIT



Previously...



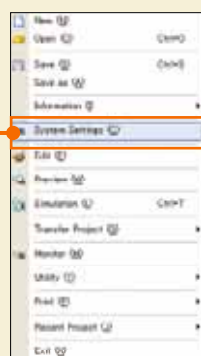
A variety of devices can now be connected to the interfaces of a GP.



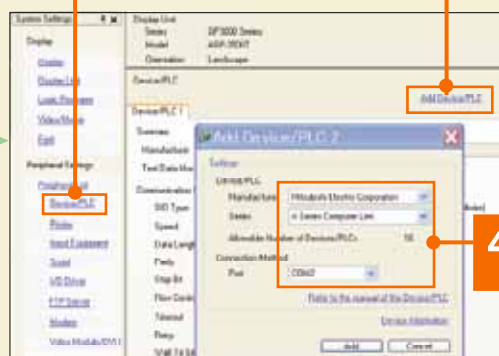
Easy operation

Multi-protocol

- Menu Bar
↓
"Project"
↓
"System Settings"



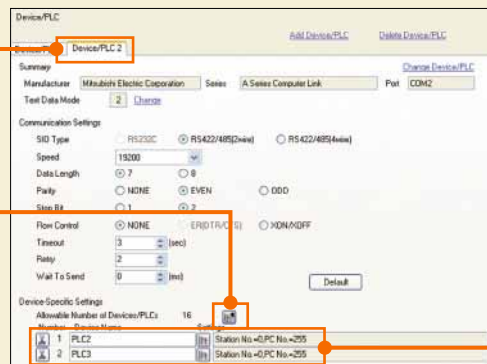
- Select "Device/PLC".



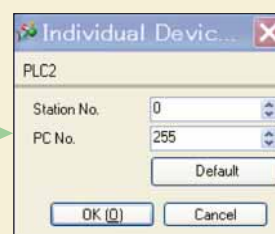
- Click "Add Device/PLC".

- Configure the connecting device settings.

- Open the "Device/PLC2" tab.



- Click the "Add" icon.



- Configure the settings by device.

Using RS-422 connection, you can connect up to 16 devices. With an Ethernet-supported model, up to 32 devices can be connected. (The number of devices that can be connected is depending on the display model.)

SECTION

05

Monitor and operate HMI screens at a production site from the office

Solution Rating



90%

Q

QUESTION

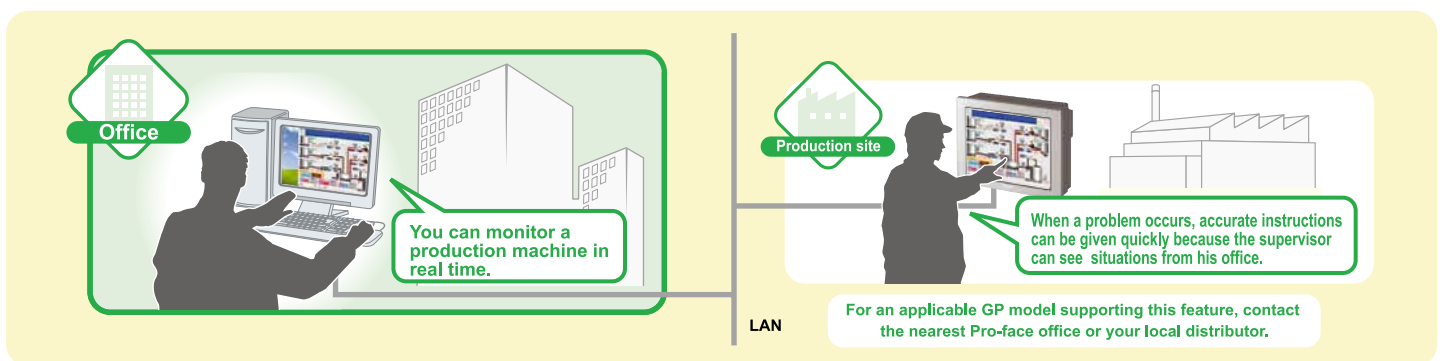
Do you think it is difficult for you to set up the remote monitoring functions?

A

Pro-face's solution

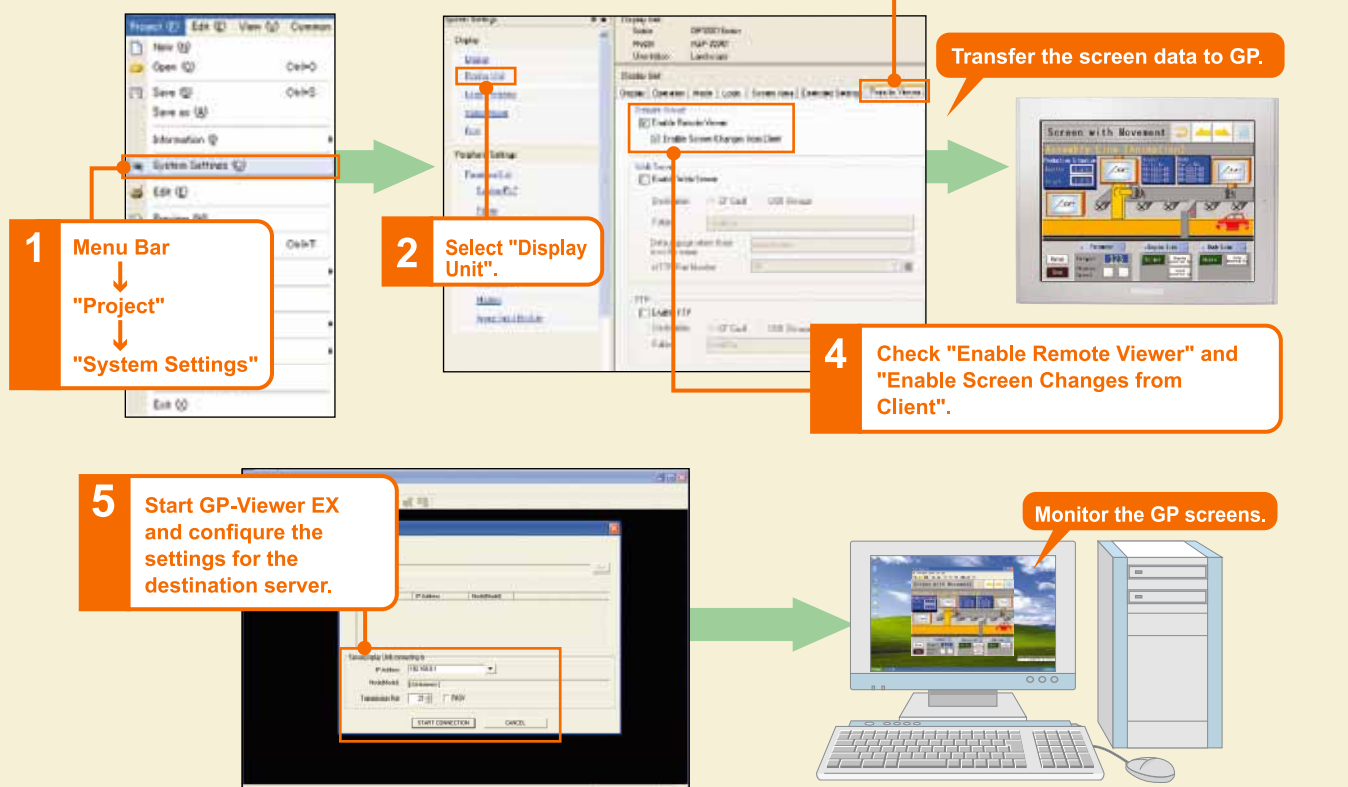
GP-Viewer EX allows you to monitor and operate GP screens at the site remotely from the office in real time.

Pro-face offers REMOTE MAINTENANCE VIA A GP UNIT



Easy operation

Data display and operation



To use GP-Viewer EX, purchase of a separate license is required.