Pro-face ®

With GP-Pro EX

INDEX

■ For Production Technology Personnel

Improving Production Efficiency
Master Edition

IP/IP0902-TEQ_E07A-01

SECTION 01
Update to new models and increase production efficiency with the latest functions

Solution Rating
★★★★★ **100%**

Q QUESTION ≪

Can I utilize my current assets without any hassle?
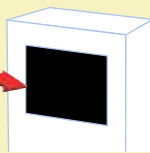
A Pro-face's solution ≪

The latest displays come in the same sizes as previous models and data conversion allows past screen data to be used as it is.

Pro-face offers THE ABILITY TO USE OLD ASSETS HASSLE-FREE

Panel cutout dimensions are the same as those for previous models

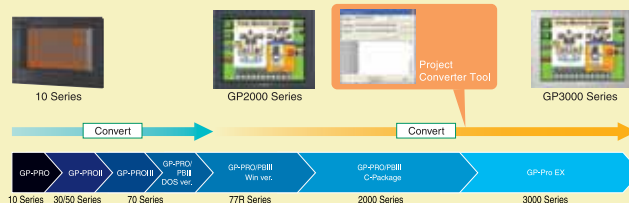GP3000

Upgrade without changing panel cutout dimensions

Reuse old screen data

10 Series → GP2000 Series → Project Converter Tool → GP3000 Series

Convert / Convert

GP-PRO	GP-PROII	GP-PROII	GP-PRO/PBII DOS ver.	GP-PRO/PBIII Win ver.	GP-PRO/PBIII C-Package	GP-Pro EX
10 Series	30/50 Series	70 Series	77R Series		2000 Series	3000 Series

*Data from the GP-PRO/PB III for Windows and more recent models can be converted directly using the GP-Pro EX Project Converter.
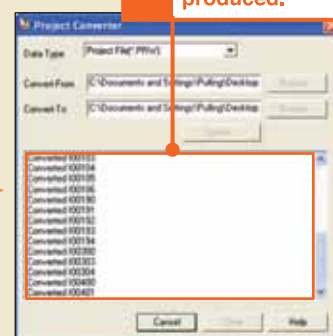

☞ Easy Setup

Project Converter

Launch Project Converter.
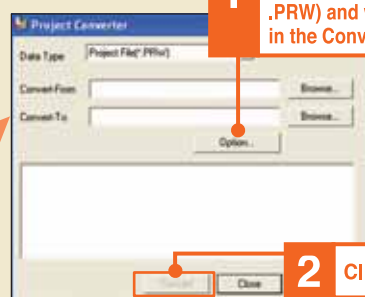
1 Select a project file (extension .PRW) and write a new file name in the Convert-To text box.

2 Click "Convert".

3 A conversion log file is produced.

Upgrade Information Website

For information regarding restrictions and compatibility between the GP-PRO/PBIII for Windows and GP-Pro EX, refer to "Otasuke Pro!" the Pro-face support Website.

http://www.pro-face.com/otasuke/qa/gp3000/replace/index.htm

SECTION 02
Breeze through detailed plan changes without any errors
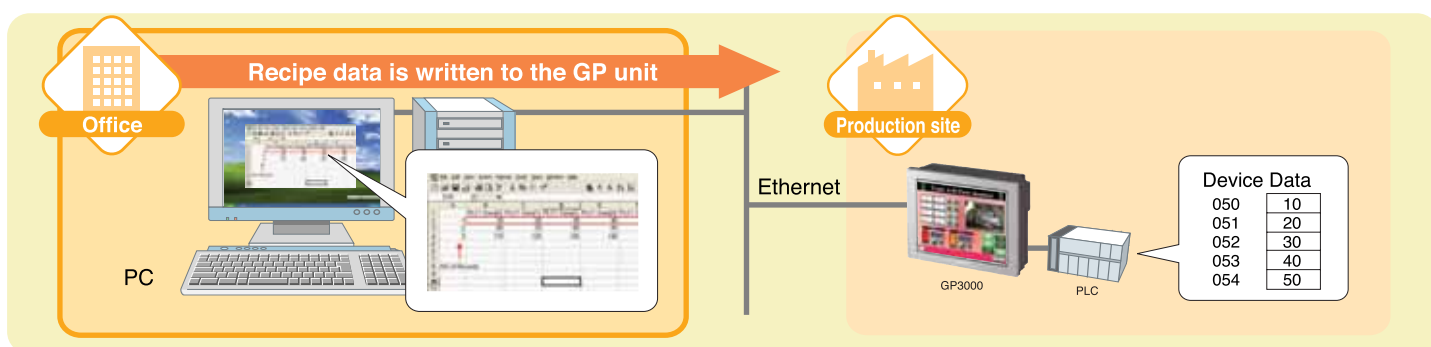
Q QUESTION ≪

Do your operators frequently make input errors because operating instructions are issued in document format for production sites where plans change frequently?

A Pro-face's solution ≪

Pro-Server EX allows operating instructions, production plans, and other data to be changed from the office in real time.

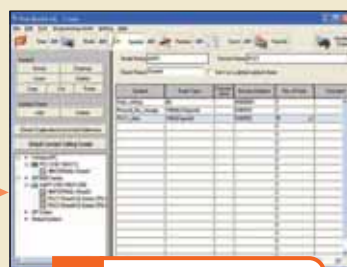## Pro-face offers AUTOMATED OPERATING INSTRUCTIONS

Office
Recipe data is written to the GP unit
PC
Production site
Ethernet
GP3000   PLC

Device Data
050	10
051	20
052	30
053	40
054	50

☞ Adjusting Pro-Server EX Settings

Distributing Recipes
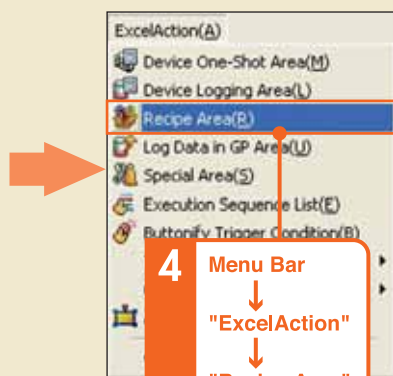(Instructions of the operation are delivered automatically.)

1 Create and save recipe data in Microsoft Excel.

2 Register symbols.
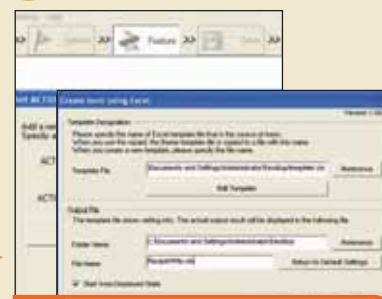
3 Specify the recipe sheet and the output file.

ExcelAction(A)
- Device One-Shot Area(M)
- Device Logging Area(L)
- Recipe Area(R)
- Log Data in GP Area(U)
- Special Area(S)
- Execution Sequence List(E)
- Buttonify Trigger Condition(B)

4 Menu Bar
↓
"ExcelAction"
↓
"Recipe Area"
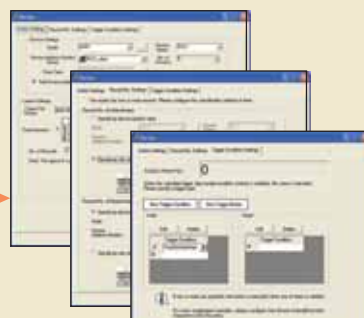
5 Complete settings in the Action Settings, Record No. Settings and Trigger Condition Settings tabs.

Network project is saved to the GP unit itself and transferred.

*Pro-Server EX must be purchased separately.

SECTION 03
Visualize devices to improve production efficiency
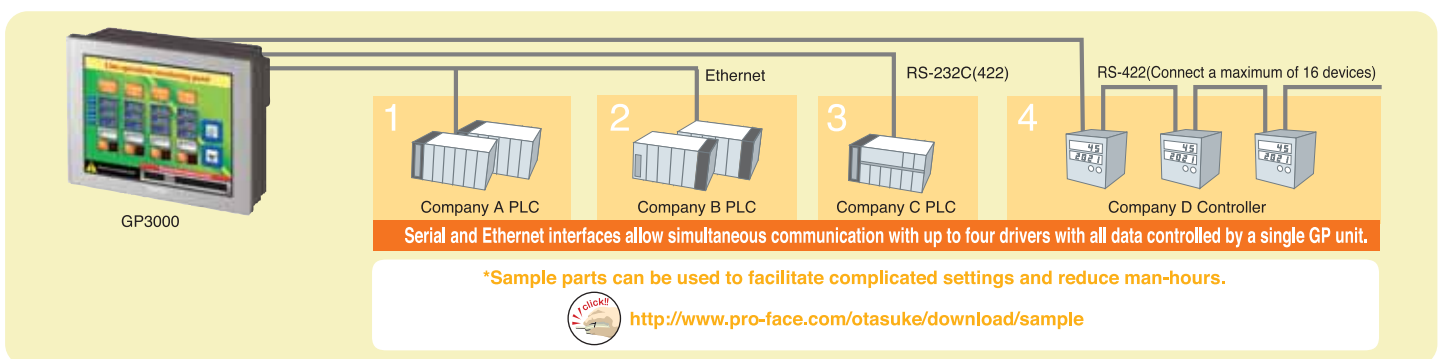
Q QUESTION «

Is there some way to get an understanding of device organization to identify areas for improvement?
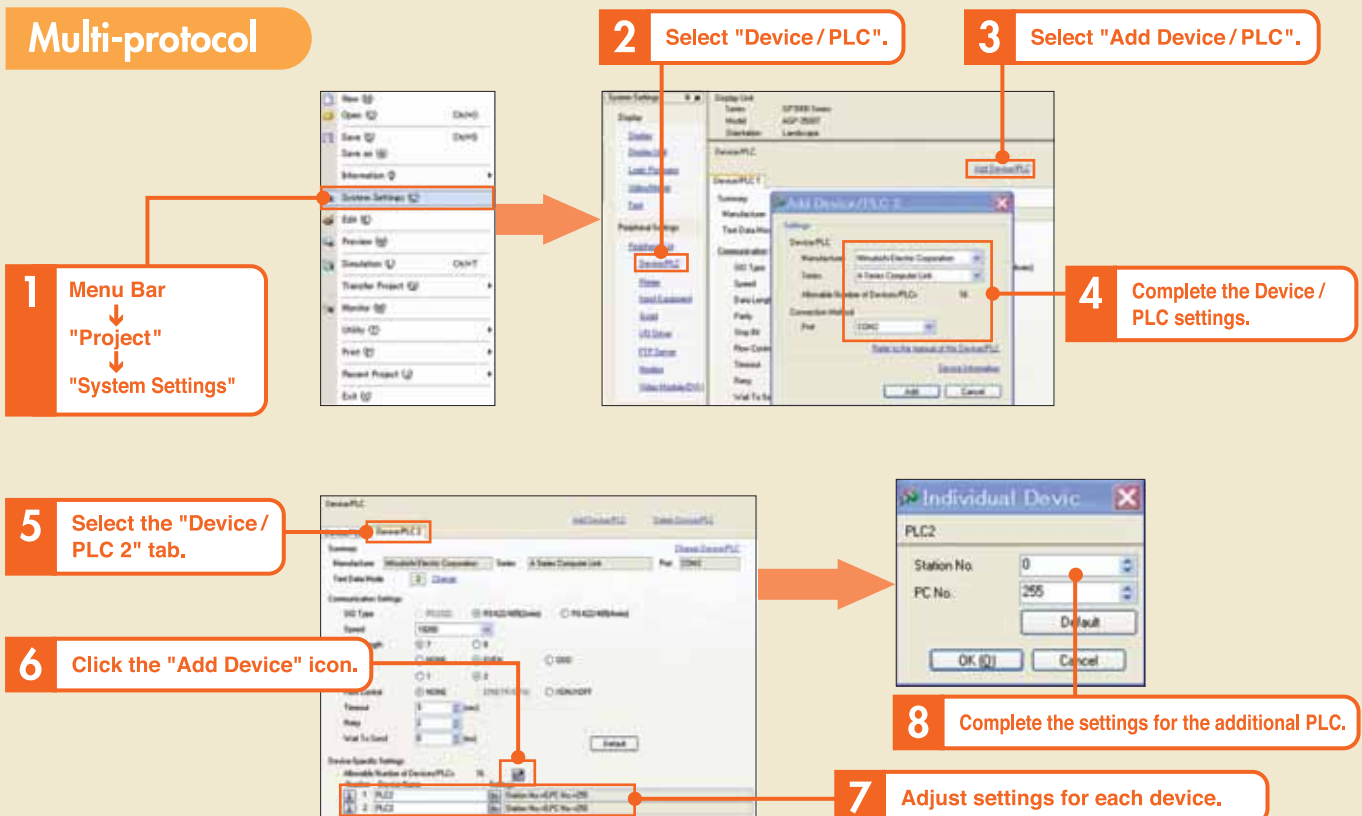
A Pro-face's solution «

Pro-face displays provide visualization and central control of multiple devices. They support a range of communications drivers that enable connection without programming.

Pro-face offers VISUALIZATION OF DEVICES

GP3000

Ethernet   RS-232C(422)   RS-422(Connect a maximum of 16 devices)

1 Company A PLC   2 Company B PLC   3 Company C PLC   4 Company D Controller

Serial and Ethernet interfaces allow simultaneous communication with up to four drivers with all data controlled by a single GP unit.

Sample parts can be used to facilitate complicated settings and reduce man-hours.

click!! http://www.pro-face.com/otasuke/download/sample

☞ Easy Setup

Multi-protocol

2 Select "Device / PLC".

3 Select "Add Device / PLC".

1 Menu Bar
↓
"Project"
↓
"System Settings"

4 Complete the Device / PLC settings.

5 Select the "Device / PLC 2" tab.

6 Click the "Add Device" icon.

8 Complete the settings for the additional PLC.

7 Adjust settings for each device.

click!! **For details regarding supported drivers check out**
http://www.pro-face.com/product/soft/gppro_ex/driver2.htm

SECTION 04
Distribute recipes and screen data from a Web browser on a computer
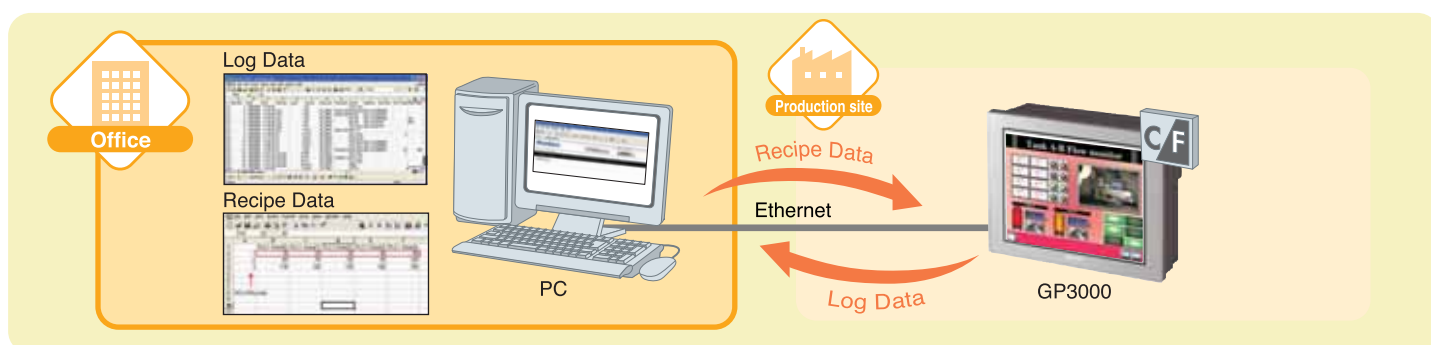
Q QUESTION ≪≪

Do you think that introducing a system to change display data and screens from the office is too expensive?
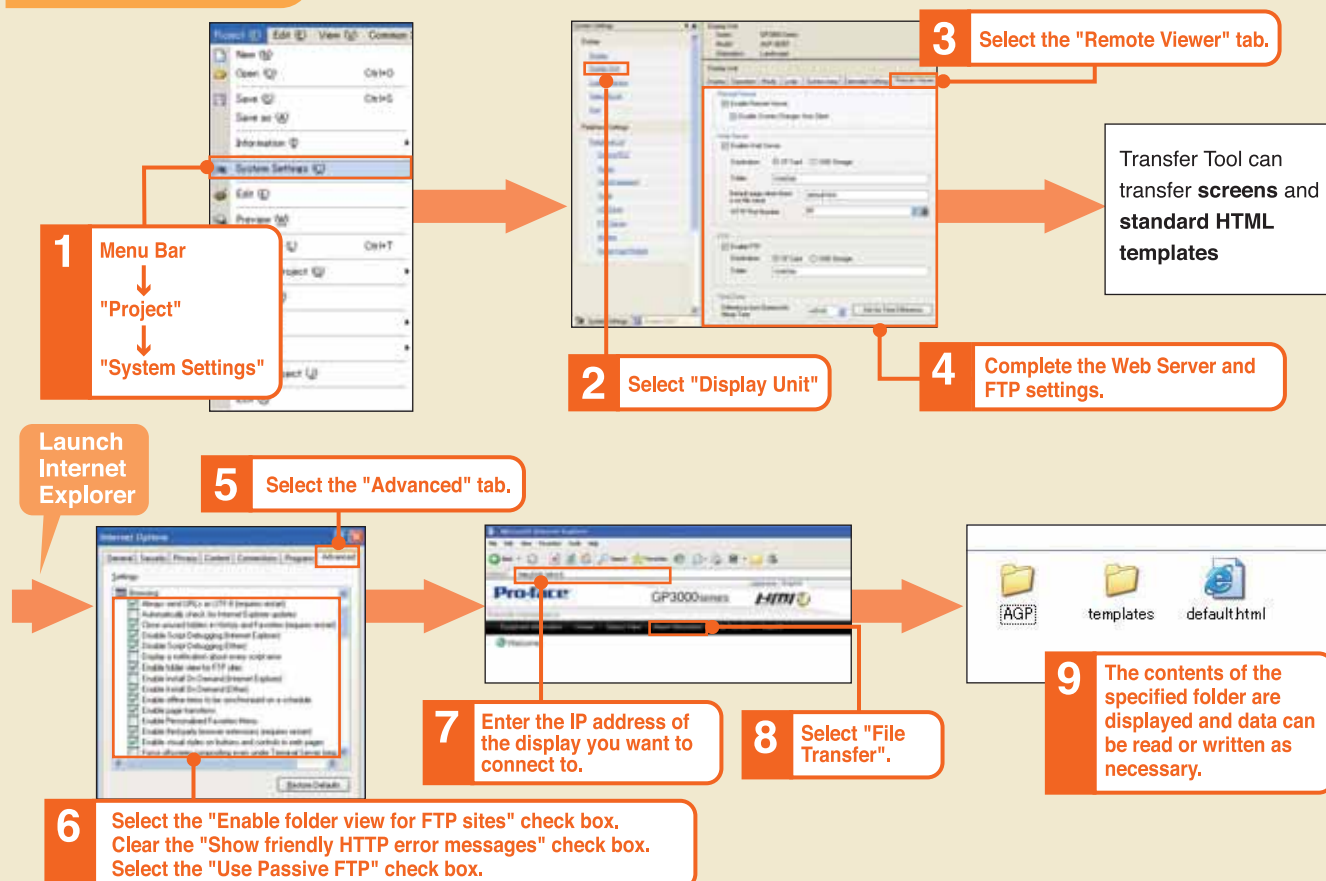
A Pro-face's solution ≪≪

Using a web server lets you easily read and write logs, recipes, and other data from a regular Web browser to a GP unit CF card.

Pro-face offers DATA EDITING FROM A WEB BROWSER

Office
Log Data
Recipe Data
PC
Production site
Recipe Data
Ethernet
Log Data
GP3000
CF

☞ Easy Setup

Web Server

1 Menu Bar → "Project" → "System Settings"

2 Select "Display Unit"

3 Select the "Remote Viewer" tab.

4 Complete the Web Server and FTP settings.

Transfer Tool can transfer **screens** and **standard HTML templates**

Launch Internet Explorer

5 Select the "Advanced" tab.

6 Select the "Enable folder view for FTP sites" check box. Clear the "Show friendly HTTP error messages" check box. Select the "Use Passive FTP" check box.

7 Enter the IP address of the display you want to connect to.

8 Select "File Transfer".

9 The contents of the specified folder are displayed and data can be read or written as necessary.

AGP   templates   default.html

SECTION 05
Debug immediately at the production site without bringing a computer
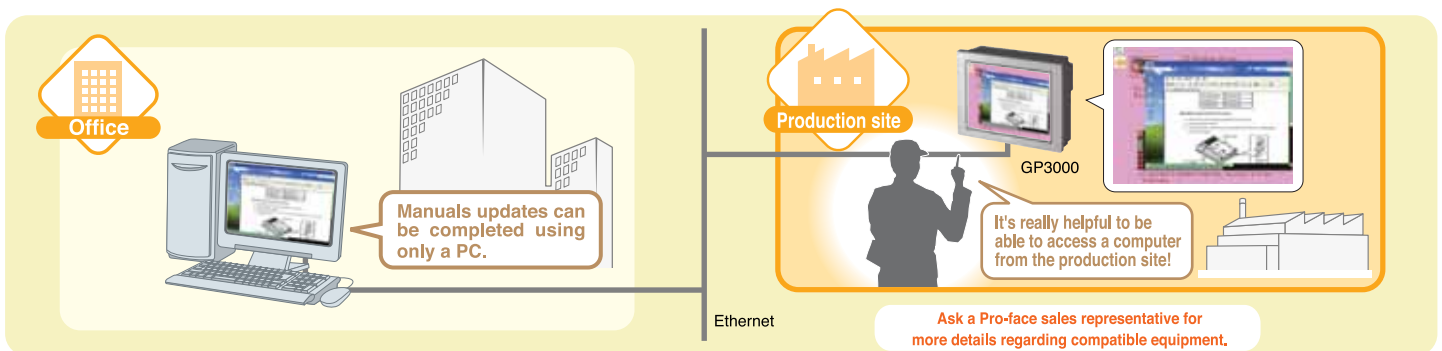
Solution Rating ★★★★★ 100%

Q QUESTION «

Do you have to go all the way to the office to get a computer when there is a malfunction or when you need to debug?

A Pro-face's solution «

Because you can access the office computer from the production site and display and operate ladder tools and manuals, downtime is reduced.
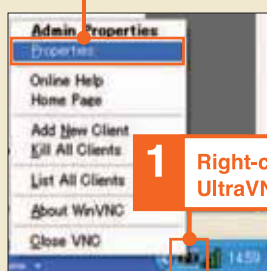
## Pro-face offers PROBLEM SOLVING USING ONLY A DISPLAY

Office

Manuals updates can be completed using only a PC.

Production site

GP3000

It's really helpful to be able to access a computer from the production site!

Ethernet

Ask a Pro-face sales representative for more details regarding compatible equipment.

☞ Easy Setup

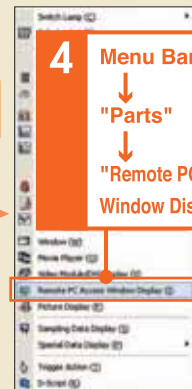### Displaying PC Images on a GP Unit

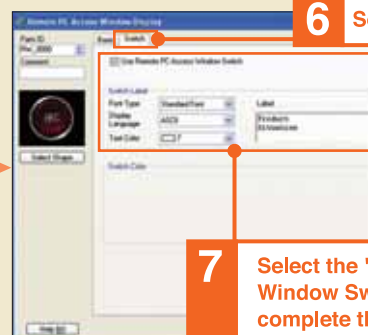**2** Select "Properties".

1 Right-click the UltraVNC icon.

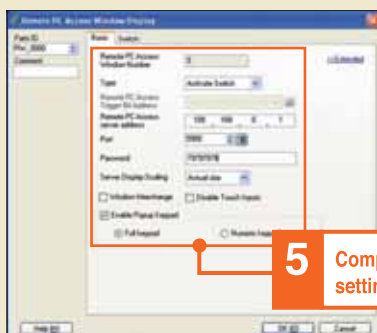**3** Clear the "Video Hook Driver" check box.
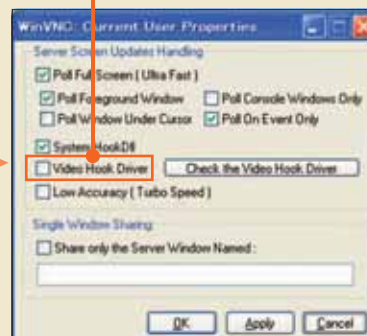
Launch GP-Pro EX

4 Menu Bar → "Parts" → "Remote PC Access Window Display"

5 Complete the basic settings.

6 Select the "Switch" tab.

7 Select the "Use Remote PC Access Window Switch" check box and complete the switch settings.

Screen Transfer

It is necessary to purchase a separate license in order to use the RPA function. UltraVNC must be installed. UltraVNC is included on the install CD.