Pro-face™
by Schneider Electric
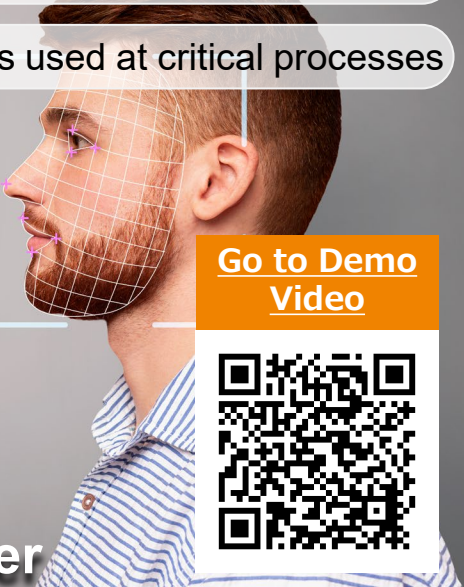
TESTED VALIDATED
HMI Centric Architecture

HMI with Face Recognition

END User Production Management, Machine Builder

Machines used by multiple operators/maintenances

Machines used at critical processes

Go to Demo Video

Enhanced smart security
with Face Recognition

Easy and secure access

No need ID and Password
- Realize touch less secure system.
- Prevent Data Leaks and Data Breaches.
- Prevent typos, forgetting the ID and Password.

Safety and work efficiency

- Easy to Login/Logout in a specific environment.

  such as Cleanroom/Dirty workplace/Oily workplace/Dangerous environment which machine rotates.

- No risk and easier than taking out the ID Card.

Improve more in future

- Track & analyze who did what and when using the operation log features.

- Health monitoring

Strong Reliability - Robust & Cyber Secure Solution -

Products List

Pro-face

01 HMI / IPC

GP6000	Go to Web
ST6000	Go to Web
SP5000	Go to Web
PS6000	Go to Web
PS5000	Go to Web

02 HMI Screen editor & Logic Programming Software

GP-ProEX

GP-Pro EX

Go to Web

Ver. 5.01.000 or later

03 **Sample Screen**

powered by GP-Pro EX

3rd Party

04 Face recognition (<IRIS OHYAMA> IRC-F341SG or < HIKVISION> DS-K1TA70MI-T)
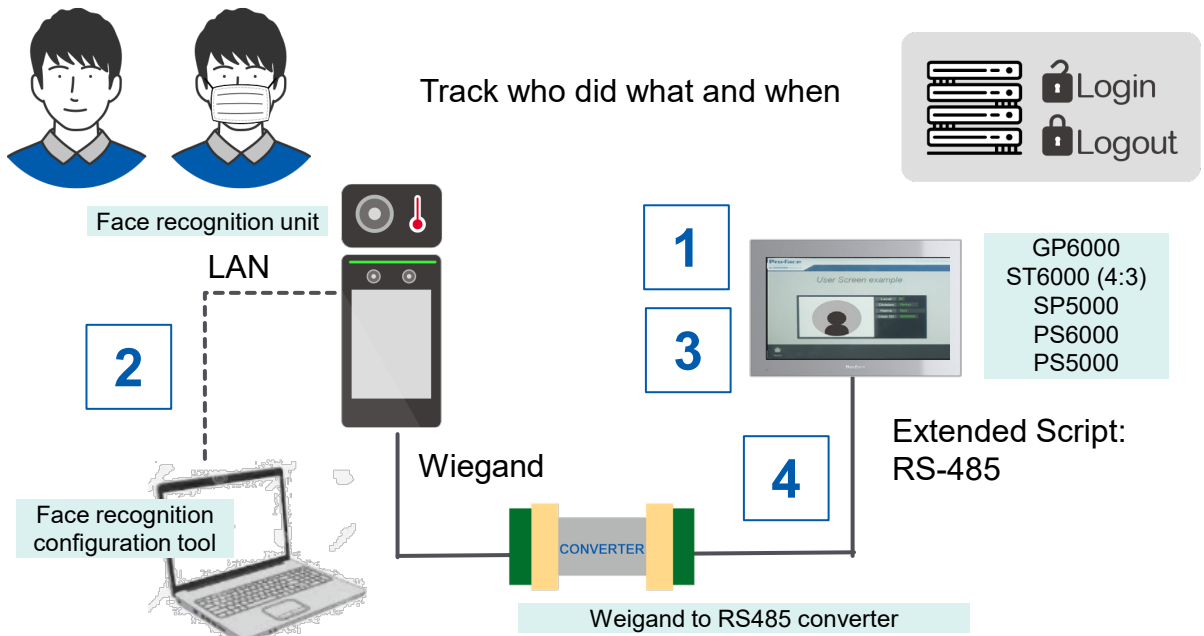
Weigand-RS485 converter (Pegasus, PCT-WR5)

CONVERTER

+

How does it work

1 Reuse sample project file (Extended Script and screen template) to communicate with the Face Recognition unit.

2 Connect Face Recognition unit and PC with Ethernet and register the face and Card# with a dedicated tool.

3 Register Card# to HMI (with CSV file)

4 Attach Weigand-RS485 converter between the Face Recognition unit and HMI communication

TESTED VALIDATED HMI Centric Architecture

Structure

Track who did what and when

Login
Logout

Face recognition unit

LAN

2

Face recognition configuration tool

Wiegand

CONVERTER

Weigand to RS485 converter

1
3

GP6000
ST6000 (4:3)
SP5000
PS6000
PS5000

4 Extended Script: RS-485

*Operation is not guaranteed in all environments.

TESTED VALIDATED

HMI Centric Architecture   Go to Web