Pro-face™
by Schneider Electric

TESTED VALIDATED
HMI Centric Architecture

HMI with data converter + FANUC CNC

End User using Machine Tools

Who wants to improve operating rate, stabllize operation, and collect information on data of peripheral equipment as well as machine tools.

Demo Video

Easy and Simple connectivity and visualization of FANUC CNC by HMI with data converter

Effortless connection

- CNC information can be easily visualized with other peripheral devices without changing existing programs or architecture.
- Only IP address setting is needed on CNC side and data will be able to be visualized with HMI.

Effective maintenance

By managing the information in the CNC area, it is possible to perform predictive maintenance (effective maintenance, for example, the replacement timing of machine tools) and also see operating status by Factory or Line bases.

Achieve IoT

CNC data and other device data can be collected through HMI (as a gateway) by using OPC-UA/Modbus and used as an ANDON or for analysis to realize IoT by using BLUE Open Studio.

Simple Visibility - Increasing information Value -

Products List

Pro-face

01 HMI / Box	
SP5000	Go to Web
ST6000	Go to Web
STM6000	Go to Web
PS6000	Go to Web
Pro-face Edge Box	Go to Web
Multi-Converter	Go to Web

02 Software	
BLUE	Go to Web
GP-Pro EX	Go to Web
BLUE Open Studio	Go to Web

BLUE
GP-Pro EX
plus
BLUE Open Studio

3rd Party

03

Silex FBR-100AN(With Wifi) / FBR-100 (Without Wifi)

How does it work

1 Connect FANUC CNC to Silex FBR-100 with Ethernet.

2 Connect Silex FBR-100 to HMI with Ethernet.

3 Do the IP address settings on each device

4 Connect HMI and BLUE Open Studio with MODBUS TCP/OPC-UA or Connect Silex FBR-100/100AN and PS6000 directly with MT-Connect

Structure

Edge Controller

PS6000

BLUE Open Studio

ANDON

OPC-UA / Modbus

MT-Connect

HMI

ST6000 SP5000

BLUE Screen Editor **GP-Pro EX**

STM6000 Gateway Box

BLUE

Multi Converter

Screen Editor **GP-Pro EX**

Ethernet

Ethernet

Silex: FBR-100AN/FBR-100

Silex: FBR-100AN/FBR-100

Ethernet

PLC/ Inverter

CNC・PMC Information

FANUC CNC

CNC・PMC Information

FANUC CNC
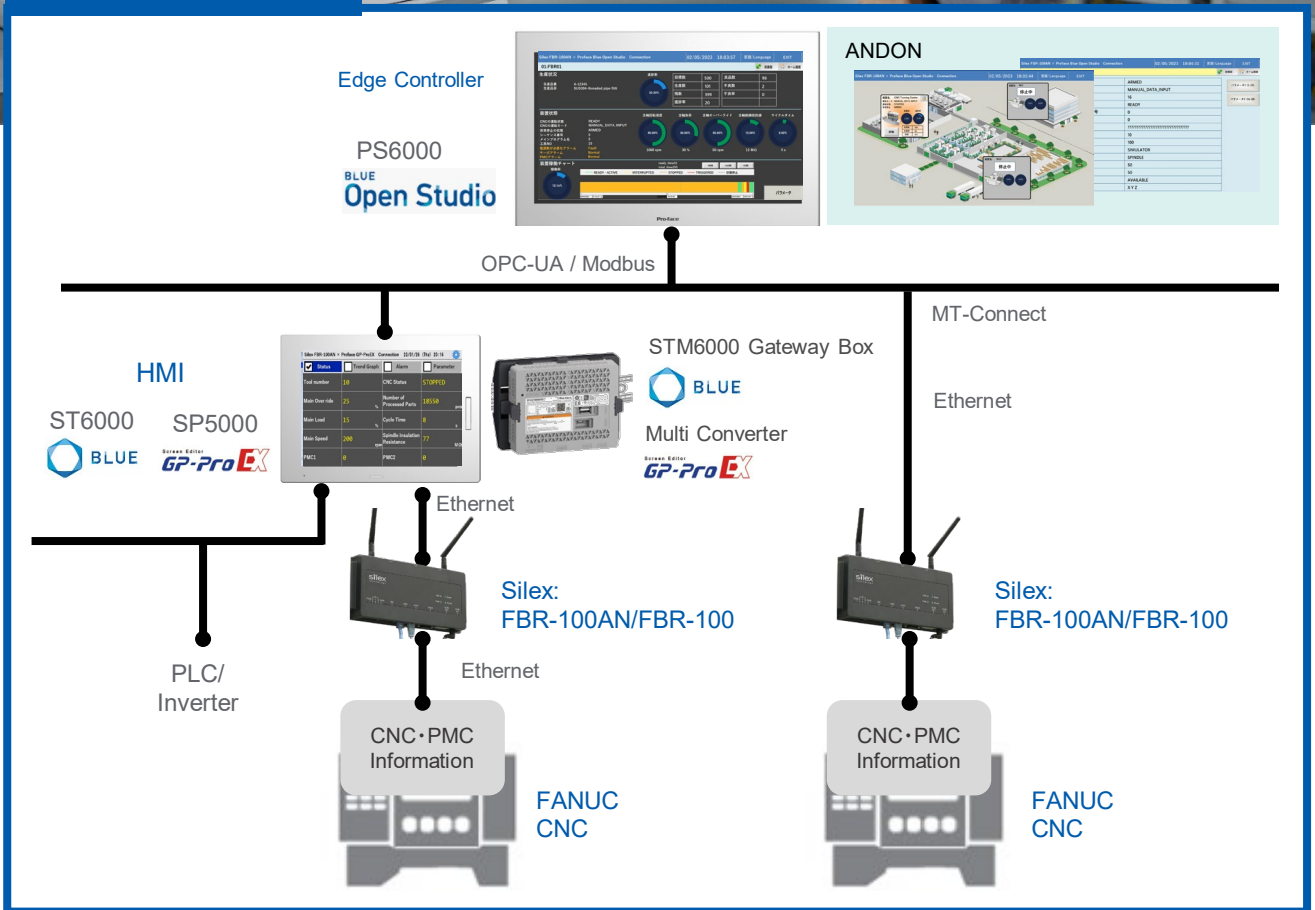
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Pro-face provides the HMI Specialist service & support certainty around the world.
https://www.proface.com/en/solution/video/specialist

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HMI Centric Architecture   Go to Web