

# Pro-face™

by **Schneider** Electric



**HMI with data converter  
+ FANUC CNC**

**End User  
using Machine Tools**

Who wants to improve operating rate, stabilize 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

GP6000	<a href="#">Go to Web</a>
SP5000	<a href="#">Go to Web</a>
ST6000	<a href="#">Go to Web</a>
STM6000	<a href="#">Go to Web</a>
PS6000	<a href="#">Go to Web</a>
Pro-face Edge Box	<a href="#">Go to Web</a>
Multi-Converter	<a href="#">Go to Web</a>

##### 02 Software

BLUE		plus
<a href="#">Go to Web</a>		
GP-Pro EX		
<a href="#">Go to Web</a>		
BLUE Open Studio		
<a href="#">Go to Web</a>		

#### 3rd Party

##### 03

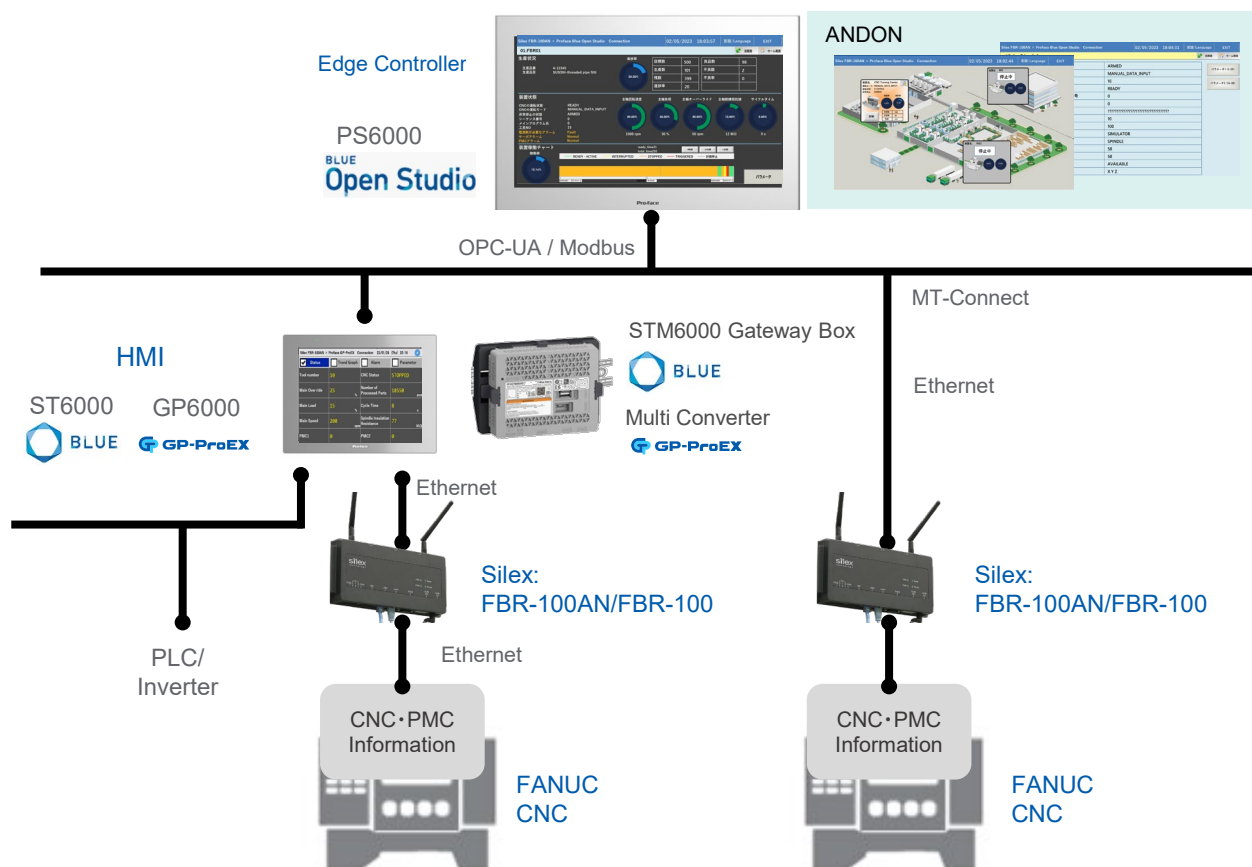


Silix FBR-100AN(With Wifi) /  
FBR-100 (Without Wifi)

## 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



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& support certainty around the world.  
<https://www.proface.com/en/solution/video/specialist>



# HMI Centric Architecture

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