Pro-face™
by Schneider Electric

HMI x **YASKAWA**
Servo

Work time = Cost Reduction
Easy multi-axis parameter adjustment

*No PC required*

Open the control panel. Connect to a PC.

Before

- Sudden machine stop
- Servo Drive error
- Multi-axis parameter setting

Open the control panel.
Connect to a PC. It takes time to work!

PLC

Σ-7 / Σ-X
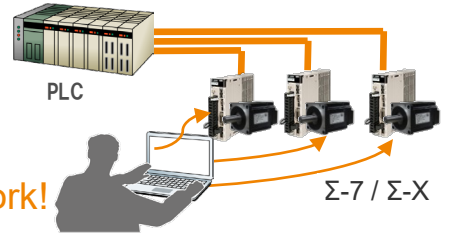
Reduces the need to open the control panel.
No more PC adjustments!

After

Easy to check the status and change the settings!
If you stand in front of the HMI, you can immediately check and set the status of the Servo Drive. Reduce the time to open the control panel and the time to adjust with a PC!

Plus, since multiple Σ-7/ Σ-X can be connected to HMI, the time required for multi-axis parameter adjustment is reduced!

Reduce engineering time by utilizing Device connection sample!

Parameter Editing
Axis Change

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Application Function Selection
Application Function Selection
Application Function Selection

Operation Monitor 1/2
Current Alarm State
Motor Rotation Speed
Reference Speed
Internal Torque Reference
Rotation Angle(Pulse)
Rotation Angle2(Angle)
Input Reference Pulse Speed
Error Counter(Position Error)
Accumulated Load Factor
Regenerative Load Factor
DB Resistance Power Consumption
Input Reference Pulse Counter
Feedback Pulse Counter
Full-closed Feedback Pulse Counter
Total Operating Time

Error History, History

START   EXIT   CLR   Reset Alarm

Download

System Configuration

GP4000 / SP5000 / ST6000 Series

MP3000 Series

Ethernet

MECHATROLINK-III

Σ-7S/Σ-XS Model
Σ-7W/Σ-XW Model
SERVOPACKs

Σ-7/Σ-X Series
Servomotor

* Supports 16 axes max.
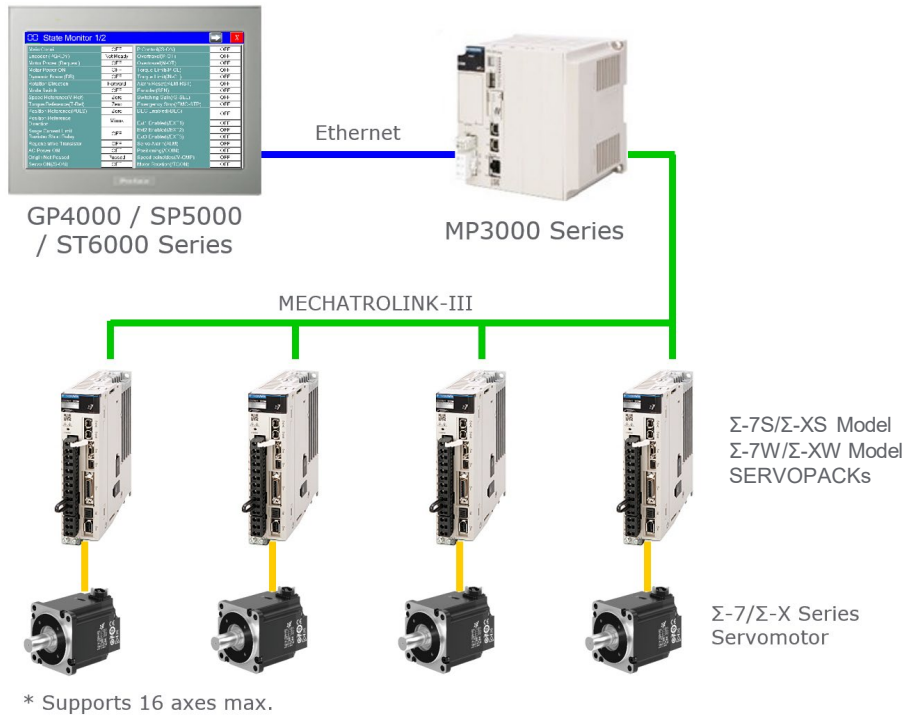
| YASKAWA Electric Corporation Compatible Models			
AC Servo Drive	Single-axis SERVOPACKs	Sigma-7 Series	SGD7S-xxxx20A (Single-axis SERVOPACKs with MECHATROLINK-III)
		Sigma-X Series *1	SGDXS-xxxx40A (Single-axis SERVOPACKs with MECHATROLINK-4/III)
	Two-axis SERVOPACKs	Sigma-7 Series	SGD7W-xxxA40A (Two-axis SERVOPACKs with MECHATROLINK-III)
		Sigma-X Series *1	SGDXW-xxxA40A (Two-axis SERVOPACKs with MECHATROLINK-4/III)

*1 MP Ethernet / MECHATROLINK Driver" Ver. 1.19.14 or later is required to connect to Σ-X series.

Series	Resolution	Display unit type of the sample project file *2	Screen Editor
GP4000 Series SP5000 Series	640 x 480 (VGA)	Box: SP-5B10 Display: SP-5500TP	GP-Pro EX Ver. 4.03.100 or later
SP5000 Series SP5000X Series	800 x 480 (WVGA) *3	Box: SP-5B10 Display: SP-5400WA	GP-Pro EX Ver. 4.03.100 or later
ST6000 Series			GP-Pro EX Ver. 4.09.300 or later
STM6000 Series			GP-Pro EX Ver. 4.09.350 or later
GP4000 Series	320 x 240 (QVGA)	GP-4301T	GP-Pro EX Ver. 4.03.100 or later
SP5000 Series SP5000X Series ST6000 Series	1280 x 800 (WXGA)	ST-6600WA	GP-Pro EX Ver. 4.09.300 or later
ST6000 Series	1024 × 600 (WSVGA)	ST-6500WA	GP-Pro EX Ver. 4.09.300 or later

*2 If you use the other models, you can change a model in the GP-Pro EX project file.
*3 For WVGA (800×480 pixels),there is function button area at the right of the screen. Please read the manual, "Functions Added to Sample Project File for SP5000 Wide Model".

System Configuration

Sigma-7C

ST6000 / SP5000 /GP4000 Series

Ethernet

Σ-7C

MECHATROLINK-III

Connection Cable for Servo Motor

Σ-7 Series (Σ-7S, Σ-7W)

Σ-7 Servo Motor
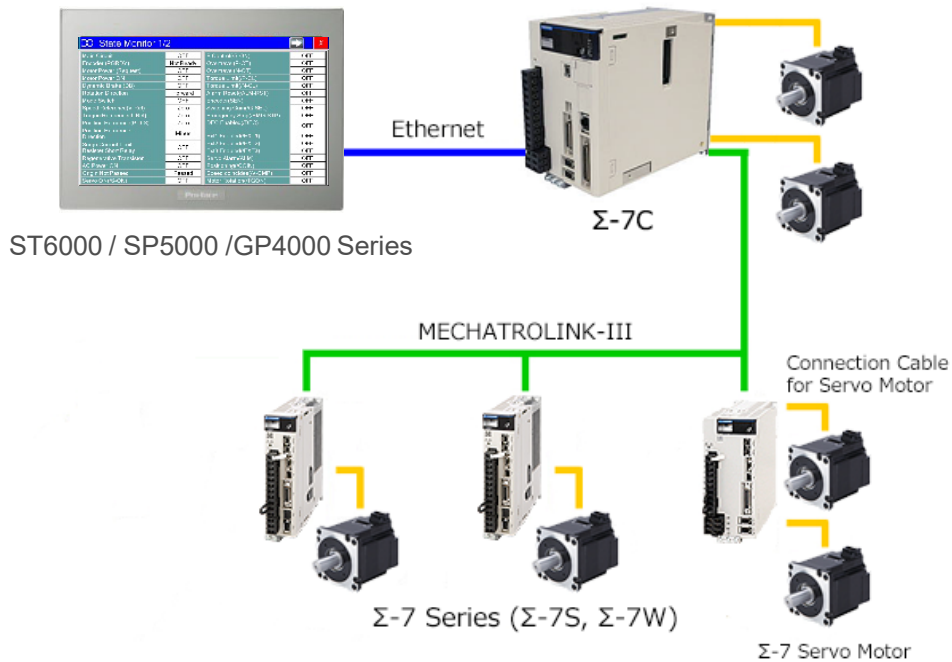
YASKAWA Electric Corporation Compatible Models		
Two-Axis SERVOPACKs with Built-in Controllers Sigma-7C	Sigma-7 Series SERVOPACKs	SGD7C-***AMAA

Series	Resolution	Display unit type of the sample project file *1	Screen Editor
GP4000 Series SP5000 Series	640 x 480 (VGA)	GP-4501T (Analog Touch Panel)	GP-Pro EX Ver. 4.09.120 or later
SP5000 Series SP5000X Series ST6000Series	1280 x 800 (WXGA)	ST-6600WA	GP-Pro EX Ver. 4.09.300 or later
ST6000Series	1024 x 600 (WSVGA)	ST-6500WA	GP-Pro EX Ver. 4.09.300 or later

*1 If you use the other models, you can change a model in the GP-Pro EX project file.

Easy to check the status and change the settings!

Monitor

Operation Monitor / State Monitor / System Monitor / Input Signal Monitor / Output Signal Monitor

Alarm

Displays current alarm, alarm history

Test Run

Jog Operation

Parameter

Parameter Backup / restore

Parameter Setting

*Be sure to read the manual and attached instructions before use.

Free Download   Link

Notes: For support and warranty of products from 3rd party, please contact the manufacturer / distributor of the product.

Pro-face™
by Schneider Electric

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www.proface.com

Pro-face provides the HMI Specialist service & support certainty around the world.
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