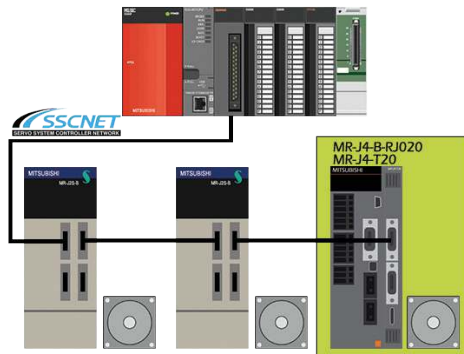


A Sample J2S to J4 Migration



With key components in the MR-J2S/MR-J2M design no longer available, the changeover to the new line of servo drives is coming soon. **Allied Automation can help your factory make the transition to the MR-J4 smooth and simple following these typical steps:**

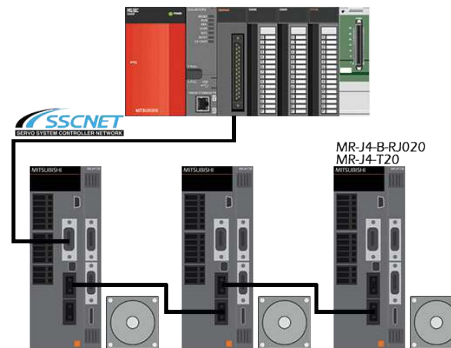
Step 1



**Replace a servo amplifier and motor
OR Replace servo amplifier only**

- + Use the existing mounting holes
- + Use the conversion cables
- + If old motor cables must be used, contact us for motor side conversion cable sets

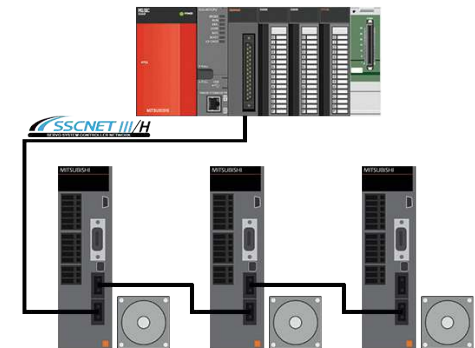
Step 2



**Migration of Amplifiers /
Motors Completed**

After the system has been completely migrated, the network is capable of being upgraded

Step 3



Upgrade network to SSCNet III/H

Replace the QD75M-x card with the corresponding QD77MS-x and upgrade the cables to the fiber optic cables

- + Higher Accuracy
- + Quicker Response
- + Quicker Settling Time
- + Enhanced Vibration Suppression
- + Enhanced Tuning Algorithms

#1: KFS / MFS / SFS Motors

Current Product	New Product
HC-KFS053 (B)	HG-KR053 (B)
HC-KFS13 (B)	HG-KR13 (B)
HC-KFS23 (B)	HG-KR23 (B)
HC-KFS43 (B)	HG-KR43 (B)
HC-KFS73 (B)	HG-KR73 (B)
HC-MFS053 (B)	HG-MR053 (B)
HC-MFS13 (B)	HG-MR13 (B)
HC-MFS23 (B)	HG-MR23 (B)
HC-MFS43 (B)	HG-MR43 (B)
HC-MFS73 (B)	HG-MR73 (B)
HC-SFS52 (B)	HG-SR52 (B)
HC-SFS53 (B)	HG-SR52 (B)
HC-SFS81 (B)	HG-SR81 (B)
HC-SFS102 (B)	HG-SR102 (B)
HC-SFS103 (B)	HG-SR102 (B)
HC-SFS121 (B)	HG-SR121 (B)
HC-SFS152 (B)	HG-SR152 (B)
HC-SFS153 (B)	HG-SR152 (B)
HC-SFS201 (B)	HG-SR201 (B)
HC-SFS202 (B)	HG-SR202 (B)
HC-SFS203 (B)	HG-SR202 (B)
HC-SFS301 (B)	HG-SR301 (B)
HC-SFS352 (B)	HG-SR352 (B)
HC-SFS353 (B)	HG-SR352 (B)
HC-SFS502 (B)	HG-SR502 (B)
HC-SFS702 (B)	HG-SR702 (B)

#2: New Motor Cables - KR / MR / SFS

Part Numbers	Description
MR-PWS1CBL_M-A1-H	Power - KR / MR Length = 1, 2, 5, 10 meters
MR-ENCBL_M-A1-H	Encoder - KR / MR Length = 1, 2, 5, 10 meters
MR-BKS1CBL_M-A1-H	Brake - KR / MR Length = 1, 2, 5, 10 meters
MR-J3P1-_M	Power - SR52 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3P2-_M	Power - SR81 - SR152 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3P4-_M	Power - SR121 - SR202 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3P5-_M	Power - SR301 - SR352 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3P6-_M	Power - SR502 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3P7-_M	Power - SR421 - SR704 Length = 2, 5, 10, 15, 20, 30 meters
MR-J3ENSCBL_M-H	Encoder - SR Length = 2, 5, 10, 15, 20, 30 meters
MR-J3BK-_M	Brake - SR Length = 2, 5, 10, 15, 20, 30 meters

#3: Amplifiers

Current Product	New Product
MR-J2S-10-B	MR-J4-10-B-RJ020
MR-J2S-20-B	MR-J4-20-B-RJ020
MR-J2S-40-B	MR-J4-40-B-RJ020
MR-J2S-60-B	MR-J4-60-B-RJ020
MR-J2S-70-B	MR-J4-70-B-RJ020
MR-J2S-100-B	MR-J4-100-B-RJ020
MR-J2S-200-B	MR-J4-200-B-RJ020
MR-J2S-350-B	MR-J4-350-B-RJ020
MR-J2S-500-B	MR-J4-500-B-RJ020
MR-J2S-700-B	MR-J4-700-B-RJ020

#4: Batteries (Optional)

Current Product	New Product
MR-BAT	MR-BAT6V1SET

#5, 6, 7: Transition Parts

Part Numbers	Description
MR-J4-T20	SSCNet conversion unit
SC-J2SBJ4CSET-01	Kit: I/O signal, Encoder, 24V cable used when old motor is utilized
MR-J4T20CH00	Serial adaptor
MR-CPCATCBL3M	PC serial cable

Migration Part Selection

1: Select Motor
2: Select Motor Cables
3: Select Amplifiers
4: Add Batteries
5: Add MR-J4-T20 per drive
6: Add PC cables (MR-J4-T20CH00 & MR-CPCATCBL3M)
7: Select conversion kit