

## Yaskawa MotionWorks Software MPE720 Ver. 5.34

**What:** upgrade from Ver.5.33B. Four functions have been improved and several bugs have been fixed (see detail below).

**How:** This version will ship on any new purchase of MPE720, and is also available to those users eligible<sup>1</sup> for the upgrade version

**When:** March 20, 2006

**Why:** Continuous improvement.

### 1. Functional Improvement:

- 1.1 Additional available register type for MSEE and TIM instruction.  
Register type 'A' (A register) was added to the Motion Program.
- 1.2 New Motion Command Code  
The new Motion Command Code "Stored Parameter Write" is supported.
- 1.3 New function.  
"Receiving monitor time" of the serial communication is supported as the settable parameter in the 217IF configuration.
- 1.4 New product support  
The Oriental stepper driver is supported as the Mechatrolink slave.

### 2. Bugs fixed:

- 2.1 Main module issue.  
When a main module was changed into UNDEFINED, some sub-module data was not cleared.
- 2.2 Online operation issue on CNTR-01.  
In some cases unknown value was set in the out data when the CH was switched without "Set".
- 2.3 Fixed parameter print issue.  
"Negative direction software limit" of MP920 SVA Fixed parameter was not printed.

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<sup>1</sup> Yaskawa's software policy states that any minor upgrades to MotionWorks Software are free, and any major upgrade must be purchased. A minor upgrade is defined as upgrading from 5.x to 5.y vs a major upgrade defined as a change from 4.x to 5.y.

2.4 260IF multi-rack application delay timer indication issue.

“Delay timer” indicated “Disable” when the 260IF was used in the second and higher rack.

2.5 LadderWorks issues corrected:

1. The compile confirmation screen came out when an element was copied to the wrong location.
2. In some cases when the key assignment in the editor option was done after sorting, unintended function was assigned to the key.
3. In some cases setting back the customized key assignment in the editor option to the default did not work.
4. Error occurred in branch operation of the Ladder programming.
5. Outer branch was moved to attach the inner branch, then the outer branch was restored.
6. The element position changed when the “Rung Wrap” setting in the editor option was changed.