

# Motion Coordinator Application Note

Number:MC-1054, Revision 1, 2/28/2007

Subject: Program Transfers

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The process below can be used to transfer (line-by-line) a program \*.BAS file to a MC controller. Motion Perfect uses the same procedure for file transfers.

## Method 1 – Sending programs at the Command prompt “>>”

MC Commands for downloading a MC BASIC application program  
(these are sent on PORT0 or USB at the command prompt ">>")

**HALT<cr>** Halts all running programs, you cannot edit programs while any are running.

**SELECT"program\_name"<cr>** Selects a program for editing, creates new file if doesn't already exist.

**&<line>i,<string><cr>**

EDPROG command used to add / manipulate lines of code in the controller.

<line> is a program line number

<string> is the actual line of program code, no quotation marks

needed.

Below is a simple example sequence of loading a three line program:

```
HALT<cr>
SELECT"test_prog"<cr>
&0i, 'this is a comment line 0 <cr>
&1i,x=0<cr>
&2i,y=2<cr>
```

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## Method 2 – Sending programs while in OCX Control

MC Commands for downloading a MC BASIC application program  
(these are sent on PORT0 or USB at the command prompt ">>")



**Published by the Engineering Department**  
Emerson Industrial Automation, Control Techniques Americas  
12005 Technology Drive · Eden Prairie, MN · 55344  
Phone: 800.397.3986 Fax: 952.995.8020