

Micro Control Systems

APPLICATION NOTE

APP-069

Editing the mystartup.bat File

Revision History

Date	Author	Description
04/19/11	Weston Klebs	Created application note

The mystartup.bat file is created to automatically start MCS-Connect with each restart of the touchscreen. When this file runs it opens a command line and starts MCS-Connect with specific command line arguments that are passed into the program. The mystartup.bat file is saved in:

C:\Documents and Settings\All Users\Start Menu\Programs\Startup

In order to edit this file you **MUST** unlock the touchscreen by following the Lock and Unlock procedure (Touchscreen Lock and Unlock Procedure.doc) in order to assure that the changes made will be permanent. If you do not unlock the touchscreen first, then any change you make will not be saved on restart.

Below is an example of the content of the mystartup.bat file with a short explanation of each line to follow:

```
@echo off  
echo Please wait, starting MCS-Connect...  
ping 127.0.0.1 -n 60 -w 1000  
start "title" "c:\program files\MCS\MCS-Connect\MCS-Connect.exe" ethernet 1 60 192.168.0.254  
graphics
```

@echo off = Turns off the command-echoing feature

echo Please wait, starting MCS-Connect... = Displays this message at start of command line.

ping 127.0.0.1 -n 60 -w 1000 = This is a 60 second delay to allow the Operating System to fully boot up before starting MCS-Connect. This should not be edited.

start "title" "c:\program files\MCS\MCS-Connect\MCS-Connect.exe" ethernet 1 60 192.168.0.254 graphics = This line starts MCS-Connect with the command line arguments "ethernet 1 60 192.168.0.254 graphics"

Command Line Arguments Explanation:

1. **ethernet** = This argument can be set to "ethernet" or "serial" depending on the type of connection used to connect to the Magnum. The touch screen will always use the ethernet connection.
2. **1** = This argument is the number of Magnums MCS-Connect is to look for on the network.
3. **60** = This argument is the time in seconds MCS-Connect waits while searching for the number of Magnums specified in argument 2 before creating an error popup message.
4. **192.168.0.254** = This argument is the address of the Magnum that you want to connect to upon auto start. If argument 1 is set to "ethernet" then enter the IP address of the Magnum. Otherwise if argument 1 is set to "serial" then enter the Magnum RS485 address.
5. **graphics** = This argument determines which screen MCS-Connect will load on auto-start. There are 2 options: "graphics" and "status". This argument is only used in MCS-Connect versions 8.10E and earlier, or in MCS-Connect version 8.10F and later if the Graphics Lock feature is disabled. The Graphics Lock feature ensures that unauthorized users cannot navigate out of the Graphics screen.