

Problem:

The PC controller in an AutoStream PC system will shut down unexpectedly or continually reboot itself.

Root Cause:

The power supply used in the Dynics PC is sensitive to noise on the incoming power lines and will shut-off and reboot the PC if the noise is too great.

Solution:

Newer Dynics PC's use a different power supply that is not sensitive to incoming power noise and will not continually reboot. All older model Dynics PC's should be converted to the newer style power supply.

Verification:

This modification can not be made in the field, so replacement PC's can be sent and switched out. When the older PC's arrive at Rochester Hills, they will be converted to the new style by Dynics.

This only affects older Dynics PC's that look like this:



New Dynics PC's have this configuration and they will not have the problem:



Procedure:

Note: This procedure must be followed exactly or the system might not start up correctly.

- 1) Turn the power to the PC OFF.
- 2) Remove the old PC from the touchscreen using the two screws at the top.
- 3) Install the new-style PC.
- 4) Install the hard-drive from the old PC into the new PC.
- 5) Install the software key from the parallel (printer) port of the old PC onto the new PC.
- 6) Install the DeviceNet cards from the old PC into the new PC. Make sure that they are in the same slots as before.
- 7) Turn PC power back ON and it should start up. There is no need to change software or recommission.