

**Topic:** Multi-Video Expander (MVX) Won't Display Video Using DVI Digital Data  
**Component(s) Affected:** Revision A1 of MVX  
**Date:** October 01, 2003

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## OVERVIEW / ENVIRONMENT

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This bulletin describes the behavior where video isn't displayed with Revision A1 of the MVX using DVI digital data on certain LCD monitors. Revision B1 of the MVX fixes this problem.

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## DETAILED DESCRIPTION

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There are two instances when the MVX won't display video using DVI digital data on certain LCD monitors. Both instances require the LCD monitor to be attached to Channel 0 of the MVX. The first instance is during boot up. The monitor does not display any boot up video or the Windows logo. The monitor starts to display video when the "Log On" window comes up.

The second instance is when the MVX is configured to be in display mode 1x1. In this configuration, no video is displayed at all. This includes boot up, the Windows logo, the "Log On" window, or normal video.

Monitors found to exhibit this problem include:

- IBM 20" Flat Panel Color LCD Monitor (L200p)
- Eizo 19" FlexScan L767 Color LCD Monitor

Monitors found not to exhibit this problem include:

- NEC MultiSync LCD 1880SX

This problem does not exist when the MVX is displaying video using analog data, either with an analog cable (VGA) or a DVI analog cable.

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## RESOLUTION

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When using a monitor that cannot display video using DVI digital data, upgrade the MVX from revision A1 to revision B1. The upgrade changes the MVX pRom code from version 34 to version 35.

For more information, please contact ClearCube technical support.

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