

VESA® Releases Latest Monitor Control Command Set Standard; Version 2 Revision 2 Enables Enhanced Performance in Direct Drive Monitor Displays

Milpitas, Calif., April 20, 2009 – The Video Electronic Standards Association (VESA) recently issued Version 2 revision 2 of its Monitor Control Command Set Standard (MCCS), the baseline specification that lists a universal set of display controls and commands to support communications between hosts and displays.

The latest revision of the MCCS incorporates Virtual Control Panel (VCP) codes and the document format adopted in MCCS V3.0. Full compatibility with MCCS V2.1 is maintained. Also included in the new version are compliance requirements for all MCCS VCP codes. The changes are intended to enhance performance in Direct Drive Monitor (DDM) displays.

Version 2 rev. 2 describes a standardized list of commands and controls used in identifying and controlling displays through an application running on a connected host. It assumes that a video interface connecting the display to a host can issue an unsolicited attention call to alert the host that something has happened outside its control. The targeted display devices are displays attached to the video output of PCs, industrial display controllers or consumer electronic sources. The command and control list supports control of virtually all parameters related to the screen settings in the display. It specifically does not include any descriptions of how the commands are communicated using any particular video interface protocol.

The revision also corrects known errors, clarifies the use of certain VCP codes, includes new definitions for some VCP codes, and introduces new codes. It requires that backward compatibility be maintained with the previously issued MCCS V2.

A summary of the MCCS Version 2.2 specification can be viewed, and the full document purchased, at <http://www.vesa.org>