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New Linux Accelerated-X Graphics Software Released By Xi Graphics, Inc.

OpenGL 1.3, more support for Wildcat\(^{\text{a}}\) and RADEON\(^{\text{a}}\) cards, added to Summit Line

DENVER ---- Xi Graphics, Inc. announced today the release of version 2.2 of its Accelerated-X

Summit Series of graphics driver software for graphics hardware manufactured by ATI, 3Dlabs,

Intel, Matrox, S3 Graphics, Trident, and others. The new release is OpenGL 1.3 conformant,

includes most of the requirements of OpenGL 1.4, and complies with GLX 1.4, including Pbuffer

support. According to the company, significant performance enhancements were implemented in

Xi Graphics' OpenGL rendering pipeline, especially for applications running on high-end

Wildcat and RADEON cards.

Summit v2.2 Linux and Solaris graphics drivers for the high-end Wildcat and RADEON cards are

certified by Xi Graphics for use with over a dozen of the popular high-end applications packages

in diverse applications such as visual immersion using CAVE technologies, molecular modeling,

geophysical data mining and volumetric rendering, video processing, training simulation, etc.

Many of the applications rely on quad-buffered stereo and double-buffered hardware overlay

planes which have been strong features of the Summit product line since it was first introduced

about two years ago.

Well over one hundred organizations have already purchased Summit Linux and Solaris drivers

for the Wildcat cards, currently the fastest, most capable high-end graphics cards supported by

Summit. These organizations include domestic and foreign Universities, several US National

Laboratories, various NASA facilities, Air Force Institute of Technology, Department of Energy,

US Navy, NATO and other foreign Defense agencies, oil exploration and services companies,

automobile, computer, airplane, and medical systems manufacturing companies, aerospace and

medical research firms, and others.

Summit v2.2 is also certified by Xi Graphics for use on Linux distributions including Red Hat, S.u.S.E., Mandrake, Slackware, and on Solaris 8 for Intel, and is compatible with the XFree86 implementation of the standardized, cross-platform X Window System shipped with these Linux distributions. Summit v2.2 is also compatible with CDE, Gnome, and KDE desktop environments used by Linux and UNIX operating systems. Other operating systems, including real-time Linux and UNIX variants, can be supported by special request.

New features and capabilities to the Summit product line that were added with this release include support for more texture units – now up to four - and lights – now up to 32, texture compression, Pbuffer and FBconfig support, and the RENDER extension. Summit v2.2 is the only OpenGL 1.3 available with GLX 1.4. Summit v2.2 has also added, through its XME extension, the ability to programmatically adjust display gamma, resolutions, refresh rates, sync signals, genlock, brightness, contrast and saturation, all interactively. The release also fixed a substantial number of bugs in the rendering pipeline and drivers. A more complete listing of the changes can be found on the Xi Graphics Web site www.xig.com.

Each Summit v2.2 graphics driver is available in demo mode for free download from the Xi Graphics Web site for compatibility and performance testing. Users can purchase a Summit License Key on-line which converts a demo into permanent product. A license is required for each computer on which an Accelerated-X Summit driver is used as permanent product. Prices for License Keys range from \$69 to \$379, depending upon the driver. Quantity discounts are available.

Customer support, which the Company claims is prompt, courteous and competent, is also free via phone and e-mail to its Denver, Colorado facilities.

About Xi Graphics Inc.

Xi Graphics Inc., has developed commercial accelerated graphics drivers and X servers for the X Window System on Linux and UNIX^{II} systems since 1994. For information on the Company, visit www.xig.com.

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