

Penguin Computing Announces Availability of Scyld Cloud Workstation for Remote 3D Visualization in the Cloud

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Provides High Performance Computing via a Standard Wi-Fi Connection and Browser

SAN JOSE, Ca.; March 18, 2015...Penguin Computing, provider of high performance computing, enterprise data center and cloud solutions, today announced availability of a unique remote 3D visualization capability featuring graphics accelerated, client-less remote supercomputing through a standard Wi-Fi connection and browser.

"Penguin Computing has worked with software developer Colorado Code Craft to create the most compelling remoting technology in the market and it's a perfect fit for our Penguin Computing on Demand (POD) cloud offerings," said Tom Coull, CEO of Penguin Computing. "Scyld Cloud Workstation is a tremendous capability for our customers in terms of efficiency and convenience for high performance computing."

Scyld Cloud Workstation, powered by NVIDIA GRID™ technology, offers significant time savings by eliminating the need for downloading large data files, and moving pre- and post-processing to the cloud for highly efficient workflow. For example, a manufacturing engineer using a Scyld Cloud Workstation can graphically view analysis without downloading large output results. The ability to run real-time, interactive GUI workflows and 3D visualization in the cloud removes the traditional barrier of moving large files down to on-premises workstations. No browser plug-in or application installation is needed and the difficulty of security changes is eliminated with secure access provided via HTTPS.

NVIDIA GRID technology enables visually demanding applications from either on-premise or cloud-based virtualized servers to users across an organization. Because graphics processing can now be run on the GPU instead of the CPU, data center managers can provide, for the first time, a graphics-rich PC experience to more users in virtualized environments.

While remote visualization has gained momentum by allowing end-user applications to move from the desktop into the data center, customers often face poor performance and high bandwidth requirements. Scyld Cloud Workstation provides accelerated 3D performance from a remote server displayed directly into a standard browser, eliminating the need for a third-party client and potential security breaches associated with opening non-standard ports in a company's firewall.

"Penguin Computing is a leader in the HPC market as Scyld Cloud Workstation shows, and we are proud to be their partner," said Thomas Ruge, CEO and founder of Colorado Code Craft. "Integration of our technology and collaboration between the two companies was extremely efficient."

Visit Penguin Computing's booth #808 and Colorado Code Craft's booth #206 at this week's NVIDIA GPU Technology Conference in San Jose. Visit www.penguincomputing.com and www.coloradocodecraft.com for more information about the companies.