

PRESS RELEASE

FOR IMMEDIATE RELEASE

DIGISENS will launch the 3.2 version of DigiXCT®, software for tomography on April 18, 2013.

Digisens is proud to announce the launch of the new version of DigiXCT 3.2, 3D-reconstruction software for the X-ray tomography market on April 18, 2013. This DigiXCT 3.2 version offers improved metal artifact reduction filter, fast Nitro® iterative algorithm and local tomography, new filters to improve image quality as well as dongle free licenses and compatibility with NVIDIA®'s Kepler GPU.

France, Le Bourget du Lac – April 4, 2013

The new version of DigiXCT will be released on April 18, 2013. Digisens is now taking another step in its strategic development with this new version: objectively to become the undisputed leader in X-ray tomography reconstruction solutions. This new release offers the following functions:

Improved metal Artefact reduction filter

This new module intends to reduce the metal artifact. It helps to remove the artifacts around materials which block most X-rays such as metal. It reveals information which is usually lost and improves contrast in the relevant areas.

Fast Nitro iterative algorithm and ROI reconstruction

Nitro is designed to create reconstructions using a very limited number of noisy projections while preserving image quality. Digisens thus provides to the medical and research world a way of drastically reducing doses.

Unlike conventional iterative approaches: settings are automatic, the optimal solution being found in just a click. It also enables iterative reconstructions to be carried out in areas of specific interest (reconstruction of ROI or local tomography application).

New filters (edge preserving noise filter, edge enhancer): ultra-fast implementation for a better image quality in a minimal computation time

Thanks to GPU technology, DigiXCT makes the most of new filters improving image quality without impacting upon the reconstruction time. This is the case with the new noise reduction filter which leads to an optimal filtering of specific areas without any degradation of contours, and the edge enhancer filter which restores the interfaces of objects degraded by the system's MTF.

Dongle free license

The new DigiXCT 3.2 version will be delivered with a license file. That way, no dongles will be required to start up the software anymore.

NVIDIA Kepler compatibility

DigiXCT 3.2 is now compatible with the recently launched NVIDIA's Kepler GPU boards. It is also compatible with single and multi GPU architecture.

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About Digisens

Due to the excellence of its innovation and in its command in multi-GPUs programming, Digisens is a leader in high value-added 3D-imaging software solutions for X-ray computed tomography, electron tomography and fluorescence tomography. In the fields of medical and dental imaging, research and industry software solutions, Digisens' micro and nanotomography software optimizes the performances of acquisition equipment, (X-ray scanners, electronic microscopes) so as to achieve quality perfect 3D-reconstruction and unequalled speed calculation - even with very large raw datasets.