



Government funded Development of innovative Microfocus Technology

We are very glad to report that we convinced the Federal Ministry of Economics and Technology (BMWi) with our application for governmental funding within the framework of the ZIM-SOLO program. ZIM-SOLO supports projects that develop innovative products and procedures.

Right from the establishment X-RAY WorX has been planning to realize innovations in the area of high resolution X-ray technology. We see innovation as the major oppor-

tunity to enter new markets and to win new customers. The approval of governmental funding is a strong evidence for us that we are on the right track.

The support by ZIM-SOLO is significantly accelerating our development process. As a consequence we also expect an increase in production output and the development of new jobs.

We cordially want to thank *hannoverimpuls*, our regional business development company, for their professional support that helped us to prepare all the necessary applications and documents in a very effective way.



Flexible Microfocus X-ray Tube for the Inspection of High-Tech Materials

The Czech company Crytur is one of the world-leading companies in growing crystals that are used in high resolution imaging systems like X-ray cameras. Crytur itself also develops and supplies X-ray cameras with spatial resolutions down to 1µm. Such high resolutions are required e.g. for X-ray inspection and CT-scans during the production process and the development of new compound materials in modern aircraft construction.

To promote practical testing and further development of their products, Crytur uses modern X-ray systems in their laboratory. For a new CT-system Crytur decided for a flexible high resolution microfocus X-ray tube of type XWT-160-XC produced by X-RAY WorX. The X-ray source has been installed in Crytur's laboratory

CT-system and will support an international research project in the area of fibre reinforced compound materials.

„We were impressed by the flexibility of X-RAY WorX in terms of anode materials and cooling options“, explains Jan Touš, X-ray specialist and technical manager at Crytur, the choice of the X-ray source for Crytur's CT system. „The experts of X-RAY WorX recommended a setup that supports a wide range of applications from low acceleration voltages to CT-scans at high energies.“

A success that both companies will profit from. Crytur and X-RAY WorX will continue to cooperate closely to adapt the high resolution X-ray source to challenging future applications.

■ X-RAY WorX is sponsoring Basketball Jerseys of TSV Neustadt

Advertisement on team jerseys is a small contribution to promotion of sports, and very popular particularly in the amateur divisions of the sport clubs. The basketball division of TSV Neustadt appreciates this support.

„We want to raise also regional interest in our company“, says Thorsten Fröba, formerly active player and today treasurer of TSV Neustadt and Technical Director of X-RAY WorX GmbH. „We are living and working in our region and would like to show our contribution to the development of the regional economy.“

The team of X-RAY WorX wishes TSV Neustadt good success in the current season. The playing schedule and teams can be found on:

www.tsv-neustadt-basketball.de

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Norbert Loos reinforces X-RAY WorX Service Team

We are very happy that Norbert Loos, who is a very experienced engineer and specialist for high resolution X-ray systems, joined the X-RAY WorX service team on 1st October.

Norbert Loos has already been working as service engineer for the company Feinfocus in Garbsen and its follow-up companies. Due to his numerous worldwide service trips he is familiar with many different types of X-ray systems.

Without doubt he is one of the few experts for X-ray systems of the former manufacturer Feinfocus, which are still in regular use in many factories. Norbert Loos is the ideal staffing for X-RAY WorX, which offers its customers to ensure the safe and

continuous operation of modern but also older microfocus X-ray systems. "We are very glad that Mr. Loos decided to work for our company X-RAY WorX. We welcome Mr. Loos as a valuable and experienced colleague", emphasizes Holger Behnsen, Commercial Director of X-RAY WorX.

Mr. Loos will support our service activities also beyond Europe. This is an important aspect because X-RAY WorX has successfully set up business in Asia and the United States of America since several months. By extending the service team we can now offer our service and trainings worldwide and support our partners on-site with competent technical expertise.

Service Package CT-Upgrade + Cooperation with Volume Graphics

To increase the service level for our customers using computed tomography (CT) systems, the companies Volume Graphics located in Heidelberg and X-RAY WorX decided to cooperate closely.

Volume Graphics is one of the leading suppliers of visualization and reconstruction software for three-dimensional data sets which are generated by high resolution X-ray CT-systems. Furthermore Volume Graphics is continuously setting standards in the development of leading edge software tools for dimensional measurement and the comparison between CAD data and the results of CT-scans.

X-RAY WorX was appointed as value-added reseller (VAR) of Volume Graphics products and offers its customers attractive service packages based on the products

VG Studio and **VG Studio Max**. These software solutions in combination with our hardware, installation services and trainings are aimed at companies working with CT systems of different suppliers. By upgrading a CT system the reconstruction of volume data sets can be significantly accelerated. Furthermore higher voxel resolutions can be achieved, which allows for more detailed analysis. Using our new upgrade package **CT Booster for μ -CT Systems** many current requirements can be addressed more efficiently in a shorter time.



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■ X-RAY WorX Member of DGZfP

Since September 2010 X-RAY WorX GmbH is corporate member of the German Society of Non-destructive Testing (DGZfP).

DGZfP is an association with technical and scientific focus. Together with partners and companies it supports and promotes research and application of methods for non-destructive testing.

DGZfP also organizes conferences with international scope like the 2nd International Symposium on NDT in Aerospace in Hamburg which took place from 22nd to 24th November 2010. We also contributed to this conference in the section Image Processing by presenting new developments of high resolution rod anode tubes in the field of aircraft engine parts inspection.



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■ Experience Hanover!



Also during the pre-Christmas period a trip to Hanover is absolutely worthwhile. We recommend visiting one of the famous German Christmas markets.

The historical Christmas Market in the old town, the Finnish Market on Ballhofplatz square or the classical markets around the famous Marktkirche or on the Lister Meile, there are many interesting places to enjoy your hot wine punch and Christmas pastry in a cosy atmosphere.

<http://www.hannover.de/>



We wish all our customers, partners and suppliers a Merry Christmas and a prosperous new year!

Your X-RAY WorX Team