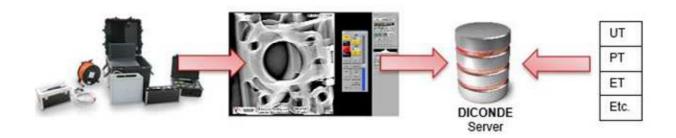# X*plus* **Film**

## HIGH PRECISION FILM DIGITIZING



In most cases the change from film technology (RT) to Digital Radiography (DR) increases the inspection efficency by a huge amount. Most of the standard jobs can be done through real-time Flat Panel Detectors (FPD/DDA) a lot faster. This is based on the fact that operators directly see the results and do not have to work with long exposure times or lead numbers. Nevertheless, some inspection tasks require the image source to be wrapped around the specimen, which is not possible with detectors. In the case the choice is between Computed Radiography (CR) and traditional film. CR plates and scanner technology will be covered in another datasheet, as this one is explaining a solution incorporationg high precision film digitizers.

- High precision film digitizing through Array/Vidar scanners

- Digital tools like image enhancement, overlays, sequences etc. can be used

- Maximum degree of automation for an easy inspection process

- DICONDE support in compliance to ASTM norms

- Convenient digital archiving of X-ray images and inspection results

- Directly integrated to the X*plus* image enhancement system





One of the main advantages of using a film scanner in comparison to a traditional light box is that operators can continue working in the known X*plus* user interface with existing sequences, filters, overlays and inspection workflows. Standards often require to archive the inspection results for multiple years, which requires huge physical archives to store films accordingly. Using the X*plus* storage tools the digitized X-ray images can be archived conveniently in an image database or DICONDE server conforming to international standards. This saves time, space and money.