

## HIGHLY MOBILE NDT INSPECTION SYSTEMS

Many industries like oil and gas, aerospace, defense, construction and energy are relying on regular spot check to prevent catastrophes with severe consequences. Requirements of such mobile systems are easy handling, lightweight construction, flexible inspection usage, long battery runtime, wireless operation and durability. The VisiConsult mobile palette was developed parallel to our security systems that are certified by the German army and the NATO. This ensures a high mobility and very reliable design.

The complete setup can be customized for our customer. As an image source we offer a broad choice of Flat Panel Detectors (FPD/DDA), the completely integrated Dürr CR portfolio and the possibility to use film digitizers. The X-ray source can also be freely determined depending on the application: Mobile X-ray tubes, semi-stationary tubes or isotopes are common choices.

All our solutions are proven in field and are designed in a rugged industrial design to endure the demanding conditions on mobile inspection jobs. Our systems are highly mobile and can be transported in backpacks, Peli-cases or other convenient ways. To optimize the efficiency VisiConsult developed plenty of helpful accessories to speed up the inspection process: Holders, tripods, diaphragms and other gadgets are available.

- Light weight, easy transportation and fast setup
- Digital tools like image enhancement, overlays, sequences etc. can be used in-field
- DICONDE support in compliance to ASTM norms
- Convenient digital archiving of X-ray images and inspection results
- Image sources: Flat Panel Detectors, CR-Plates, Film scanners
- X-ray sources: Mobile tubes, flash tubes or isotopes
- Proven industrial design to endure even demanding conditions



The combination of different technologies like DR, CR, film or X-ray sources like mobile tubes, flashtubes or isotopes is highly dependant on the inspection task. VsiConsult is happy to find the correct combination for your job requirements. As standards often require to archive the inspection results for multiple years or the end-customer demands the results to be delivered huge physical archives have to be built to store films accordingly. Using the Xplus storage tools the X-ray images can be archived conveniently to image databases or DICONDE files conforming to international standards. This saves time, space and money.

