

Project case review

InnospeXion ApS

InnospeXion is a Danish manufacturer and developer of X-ray systems for industrial troubleshooting, quality control and condition monitoring. The company also sells non-destructive inspection systems based on X-rays, thermography and laser interferometry imaging. Applications for their products include wind turbine aerofoils, oil drill core scanning and fibre optic cable quality monitoring.

Filmfree and InnospeXion ApS

InnospeXion recognised the considerable potential for digital radiography and joined Filmfree in order to assist with the development of the fundamental technology behind the technique. Its role in the project was to integrate and ruggedise the X-ray equipment used in the production inspection of light alloy castings and to investigate the use of backscatter techniques for digital radiography.

Project benefits

In InnospeXion's opinion, Filmfree has developed significantly the quality and standards required in digital radiography, which will drive forward the acceptance and use of the technique for condition monitoring in industry.

The future

The project has enabled InnospeXion to join a network of unique expertise in digital radiography, leading to the formation of new business relationships with members of the Filmfree consortium.

From a technical perspective, InnospeXion has gained significant know-how on backscatter technology, which has led to the formation of a project proposal to develop this area of digital radiography further.

