

Project case review

Trueflaw

Based in Finland, Trueflaw designs and develops crack manufacturing technology, producing natural fatigue cracks in metal components.

Such artificial defects are needed to assess the performance and reliability of new NDT methods and procedures. It is crucial to have representative defects in order to have an accurate and realistic assessment of the performance of NDT.

Filmfree and Trueflaw

Trueflaw was engaged in the project to produce artificial flaws in plate and tube specimens used by the project, providing an excellent opportunity for the project to test NDE methods.

Project benefits

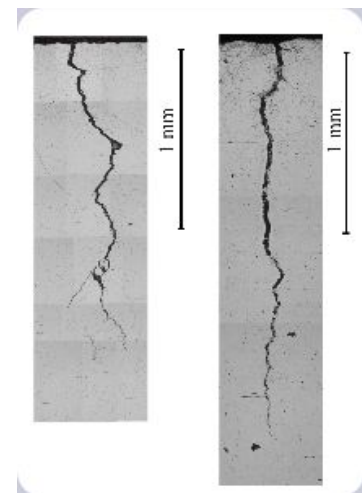
The Filmfree project has given Trueflaw the opportunity to develop business relationships with a number of potential end-users, in particular Rolls-Royce for the testing of various aero-engine components.

It has given Trueflaw an opportunity to promote their novel technology; as well as obtaining inspection data as an output from the project for their own library.

The future

Trueflaw has been able to secure future contracts with other project partners; immediate sales are estimated at 14,000€.

Trueflaw Chief Executive Iikka Virkkunen says he's confident about the future of their technology in digital radiography and is keen to build on the newly established relationships.



Cracks produced by Trueflaw's patented technology



Radiograph of sample showing induced thermal fatigue crack