

Project case review

Kingston Computer Consultancy Ltd (KCC)

KCC specialises in the design and development of non-invasive sensors and systems. They have a wide range of expertise and experience in ultrasonics, optics and electromagnetics. KCC's unique skills and know-how enable them to design and develop complete inspection systems.

KCC has deployed these systems in a broad range of industries, including road and rail transport; metals manufacturing and processing; power generation; and semiconductor manufacturing.

Filmfree and KCC

KCC recognised the growth potential that new digital radiography systems offered them and saw Filmfree as a means of developing new technologies that would position them well in this new market.

KCC's role in the project was to develop pattern recognition software for weld profiles and defects for use with the phosphor screen computed radiographic system.

Project benefits

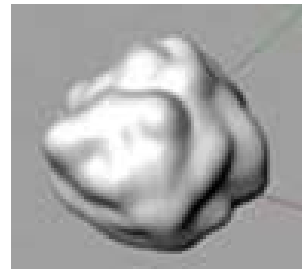
The project has significantly increased KCC's capability in -

- Imaging processing
- 3D modelling
- Application development
- Database design
- Application suite wrapping.

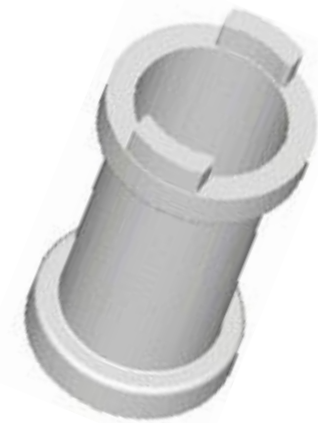
The future

This new know-how is enabling KCC to offer new services to customers and take on more challenging projects, which so far have created four jobs in the company and new software development contracts worth over 109,000€.

Additionally, KCC's involvement in Filmfree is leading to the development of a commercially viable NDT and defect analysis suite of software called the KCC Sentence Suite.



CAD model of casting inclusion



CAD Model of casting sample