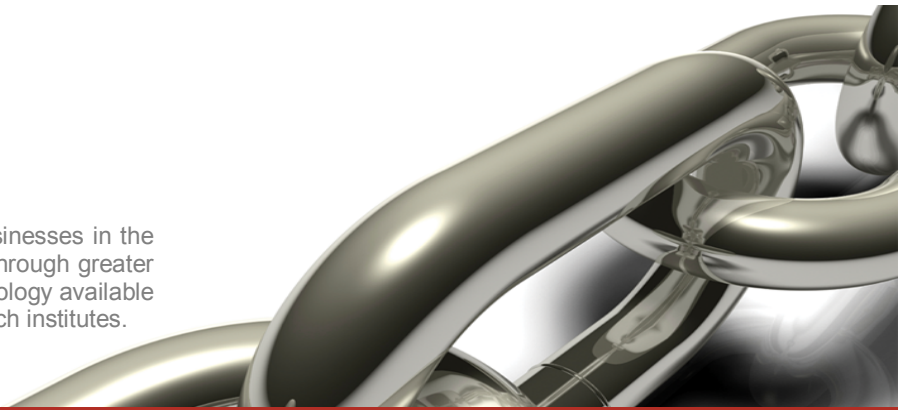




The aim of the HI Links project is to help businesses in the Highlands and Islands develop and prosper through greater access to the knowledge, expertise and technology available in Scotland's universities, colleges and research institutes.



Electronics

CASE STUDY

Innovation through collaboration



Copernicus and Lews Castle College UHI, Lewis

Intermittent electronic fault detection...

Copernicus Technology Ltd are a company based in Moray providing products and services to clients, primarily in the aerospace industry, to enable them to maintain the 'System Integrity' of their electrical and electronic equipment and systems. For electrical and electronic systems, their System Integrity begins to degrade through intermittent faults, which become increasingly regular. These faults are difficult to replicate, difficult to detect and therefore lead to repeated and unnecessary costly repair. Copernicus Technology Ltd helps client companies to detect and locate these faults, therefore helping to determine the appropriate fix required or reducing the need for unnecessary repairs altogether which could improve safety and reduces costs.

With the help of HI Links, the company was able to identify an appropriate academic partner to work with. Subsequently it was assisted in being able to secure an SFC innovation voucher to work with Lews Castle College UHI on a collaborative feasibility project that would help develop their existing products and service offering to different markets.

The project was so successful that they are looking to create new employment and are at an advanced stage of discussions with global brand aerospace businesses looking to invest significant funding into further R&D work in the near future.

"Our company would not be where it is today on its high tech projects if it was not for Hi-Links. We have been able to attract blue-chip funding and start to be recognized as a company with achievable ideas. The credibility of being involved with Hi-Links and UHI has been staggering. For Copernicus Technology Ltd their assistance will have been a key factor in placing our company on the map in 3-5 years' time for a revolutionary technology that we will be able to licence across the world."

Jim Cockram,

Technical Director, Copernicus Technology Ltd