



## NuPrint Technologies Ltd – Diversifying their Business

The KTP embedded specialist engineering/IT capability for sourcing, configuring and implementing new cutting-edge technology, in-line with sophisticated customer demands. The KTP established a new product development process to provide total value solution-led technology, high quality products sample options, attractive lead times, more flexible solutions and improved label quality.

Nuprint installed RFID hardware, software and support systems and established 'Smart Label' capability in-line with European and global demands, to increase customer value-added. They also introduced 'In-Mould' labelling capability and developed prototype solutions for commercialisation.

The KTP transformed the company into a more efficient, innovative labels solutions provider, proactive in understanding the changing needs of customers and markets. The introduction of a new product development process incorporating 'best practice' quality control systems and procedures has captured savings and tangible benefits that have impacted on the bottom line. These include:

- Embedding Lean Manufacturing across all departments leading to: production performance improvements; improved machine up-time; reduced wastage; increased operational efficiencies; new avenues for savings; and new sales opportunities.
- Embedding new RFID Tagging technology and capability providing higher added value revenue streams.
- Linking RFID to the MIS enabled showcasing of RFID solutions.
- New processes solved RFID bottleneck problem generating savings.

Gavin Killeen, MD Nuprint Technologies Ltd says *"this is our third KTP. We understand the importance of involving academics in the development and growth of our business. The skills that are needed in order for NI companies to compete on a global scale do not always reside within our companies and for this reason Nuprint Technologies have found working on the KTP programme invaluable."*

### **KTP Team**

Professor Dennis McKeag, School of Engineering (now Emeritus Professor)  
Dr Kevin Curran, School of Computing & Intelligent Systems

### **Associate**

Dr Charles