

Piercom & FP7 – Summary Objectives

- Piercom Limited are interested in ICT projects under FP7. Piercom competency areas are; Process and Supply-chain integration; complex mixed engineering projects; specialising in the software process methods and provision of skill & knowledge libraries for continuous learning in manufacturing
- For more information;
 - please visit Piercom at www.piercom.ie
 - or call Frank Murray CEO @ ++ 353 65 6842787

Piercom – Summary

- **Piercom Limited are interested in Collaborations with Multinational, Academic and SME clusters focussed on ICT programs across the supply-chain. Piercom serve the Manufacturing, Aviation, Automotive, Bio-medical and Government arenas providing ICT supply-chain and business integration solutions for GE, J&J, Analog Devices, Dell and Kostal GmbH targeting the top 5 providers in their respective business class. Piercom was awarded the Washington based Smithsonian Medal for the innovative use of technology in business related services in 1998. Piercom delivered to GE Aviation Services the first web-based aircraft design Configurator for a Boeing 737 in 2002 and added a web based deal management system in 2003. Piercom have delivered several front end and back end supply-chain technology solutions over fourteen years to the Multinational sector.**

Piercom & FP7 – Summary Objectives/Fit

- Piercom are developing a specific project with Analog Devices Inc. and Kostal GmbH both automotive suppliers in extending the supply-chain interrogation process to capture all associated best practices in testing targeting zero defects. The results of our work will be the creation of a “Knowledge Framework infrastructure” for best practice across mixed engineering paradigms delivering a continuous learning environment in testing. The work seeks to extend the supply-chain interrogation to achieve a holistic response to customer errors and track and trace errors through people, process and technology improving customer satisfaction and reducing remediation time. Automotive, Aviation and Biomedical markets insisting on zero defects require 100% traceability and audit ability of their supply-chain and remediation in 24 hours. The framework would seek to provide the knowledge navigation environment and digital libraries to manage these best practice and embed learning in the process.
- We are seeking additional partners to develop a strategic supply-chain model and continue research work in reverse test logistics to improve quality, traceability and remediation with plans to apply the resulting process framework to biomedical and aviation sectors.

Piercom Specific Program Information

- This specific program arose from strategic discussions between Piercom Limited, a value added software engineering provider, Analog Devices the world leader in electronic Mixed Signal Chip Technology and Kostal a Tier 1 supplier of mechanical, electronic and software solutions to the Automotive sector.
- Software, electronics and mechanical engineering practices are intertwined and software is pervasive within the product and around the processes required to deliver quality products and to service same. To remain competitive a “Process through software” initiative would be of benefit. Key is the establishment of quality electronic libraries of relevant information to improve continuous learning throughout the product testing cycle.
- Testing Best Practices has been flagged as a hidden jewel in providing a value proposition for Clients in terms of zero defects and responsiveness to product recalls and traceability. Process improvement in Software would yield the largest return for improvement in TTM, NPI and Zero defects eg (Bio-Medical, Automotive as examples)
- The establishment of a Knowledge Framework in test methods that can scale across other vertical markets where engineering (software, electronic and mechanical) are converging and the establishment of the right structure and libraries to harness skill & knowledge in the supply- chain is the program goal.