



INFRASTRUCTURE GROUP



**Company Name:** HandHeld Technologies

**Funding:** Enterprise Ireland Innovation  
Voucher



### Profile of Company

Handheld Technology develops a range of software solutions which allow tracking and tracing mobile workers that deliver variable quantities on a variety of sites. Solutions include MASSC which tracks ingredient through sales in the food industry and automatically creates invoices and reports, SKAR which tracks patrols for the mobile security companies.



### Problem to Be Solved

The current structure of their software is linear and therefore it is extremely limiting to change or adapt the technology either for new uses or new markets. While the existing MASC product is innovative as it brings a bespoke, automated software solution to an industry dominated by manual processes and paper recording the product does not allow Handheld technologies to adapt the product to sectors where considerable amount of data is not being captured or verified. A new microservice architecture would allow Handheld.ie to establish the current business process at the centre of the software service while introducing or removing services around that core, therefore allowing the company to enter new sectors.



### Impact for the Company

The creation of a complete technology roadmap which gives the company the ability to redevelop their technology using a microservices architecture into an integratable software solution is of huge benefit to the company as it will allow them to create databases for tracking, tracing, back office reporting and financial and stock control solutions using handheld devices for the various industries they operate in such as FMCG, waste management and security. The database development and microservice roadmap design will allow for the next iteration of their product suite to be integrated and adaptable to futureproof the company's five-year plan of understanding the potential addition of voice control and AI to the product from design stage.

### Testimonial:

*"The level of work Michael committed to this Innovation Voucher was invaluable to the company. As we strive to grow our business and product offering to our customers, having access to funding through Enterprise Ireland and research centres such as TSSG right on our doorstep allows us to take risks and achieve our business goals"*

*Tracy Cullen, Managing Director, HandHeld Technologies*