

bespoke software engineering

what is bespoke software engineering?

quite simply it's what we do. we are a team of highly experienced developers who dedicate themselves to your task – be it providing niche software development or even rescuing a doomed project. we are also proud to be one of the few remaining software outsourcing consultancies that is not offshore.

igence have delivered successful projects in defence, aerospace and transport infrastructure that include:

- test set and system simulator software for defence contractor Thales.
- ticketing systems currently in use on the london underground and northern rail for Cubic Transportation Systems
- a novel HMI for the innovative Plextek BLightER radar system.
- an application for terminal 5 at heathrow airport.
- a security application as an add-on to Dedicated Micros' award winning product line.

our enviable client list includes:

- Thales PLC
- Cubic Transportation Systems
- Ultra Electronics



the igence development process - how we work

small teams of highly experienced developers, supported by business personnel, work directly with our clients. this close working relationship means that clients can expect to receive a level of technical and commercial service that traditional software houses are unable to match.

our process recognizes two fundamental truths about software development;

- it is extremely hard to establish precisely what is required.
- when requirements are established only very experienced teams can actually deliver real software.

evolutionary prototyping

we firmly believe that flexibility is the key to establishing requirements because we can adapt to changes as a project progresses.

this is why evolutionary prototyping forms the core of our development process. using this technique we employ short development cycles followed by client review, modification and final release. in this way we are always building from a stable foundation of functionality that meets our clients' expectations.

the igence framework

a key component of igence's development success is the igence framework. this is a tried, tested, documented and re-usable library of software components that has been optimised for performance over a number of years and enables our developers to rapidly prototype a software project.

this ensures that we develop the system that our clients really need and therefore make software better. all igence projects are built on the framework, which provides robust and re-usable components in three principal areas, user interfacing, communications and data modelling.

if our skills and experience match your
requirements please get in touch.

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software rescue

software rescue is proof of the speed, agility and robustness of our process.

the media is full of stories of failed software development projects, which are usually characterized by being poorly and incompletely specified with changing requirements and shortening deadlines.

igence has built its reputation on rescuing failing projects of this type. some 50% of our projects to date have been rescue operations where our most experienced teams have used our development process to bring failing projects in on time, on spec and on budget.



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