

Process Evolution and the Fire Incident Response Simulator

Process Evolution is a limited company based in Holt Heath in Worcestershire. Our directors are Peter Loader, Rob Somer and Mark Bryant, all of whom worked together in the consulting & technology industry for many years prior to forming Process Evolution in 2004.

Established primarily to help the Emergency Services tackle the challenges posed by time dependent and variable demand in calls for service, increasingly we are finding that our capability is equally valuable to clients in healthcare, financial services and across industry.

Consulting led, we have also developed a thriving software business through supplying our clients with software products that we use in the delivery of our consulting assignments. These are either products we have developed in house or supply from our trusted software partners.

Software Partners

We have teamed up with software systems developers who are at the cutting edge of process innovation science. Our partners have solutions that consistently deliver demonstrable benefit and also share our values and ethics.

XIMES

XIMES GmbH is an Austrian based company offering software and consulting services in all aspects of Working Hours and has a reputation that is internationally recognised.

XIMES' products naturally complement our analysis and simulation tools, from which the output is often a desired staffing profile with varying numbers of staff at different times of the day and week, to produce shift patterns and rosters. In conjunction with our Resource Profiler, XIMES' software forms an integral part of our resource allocation solutions.

Process Evolution is the sole supplier of XIMES products and services in the United Kingdom.

Simul8 Corporation

Simul8™ is the simulation software that we use to power many of our simulation based software solutions. Developed continually since 1995, Simul8™ is used worldwide by organisations such as Ford and Hewlett Packard.

Simul8™ offers comparable functionality to products costing many times its price, enabling us to license our products to our clients at prices which ensure rapid return on investment.

Process Evolution helps organisations to meet the challenges posed by time dependent and fluctuating demand. Our services enable simultaneous cost reduction, outcome and timeliness improvement.

Our clients are predominantly in the emergency services sector - including over 60% of all UK police forces, several fire and rescue services and a number of ambulance trusts. More recently, organisations in sectors such as financial services, healthcare, nuclear and food & drink are recognising the value we bring.

Whilst the subjects of our analyses vary greatly, improving the efficiency of operations such as call handling, incident response, back office and production processes, are typical.

Because the central benefit of our work is a clearly identifiable, genuine improvement in efficiency, the gains tend to be multiple – staff feel better because they are more in control, services improve because you have the right resources available at the right time and money is saved because you don't have resources sitting idle when they are not needed.

Process Evolution is unique in that we offer a thorough initial analysis, matched with solutions to fit the analysis. Making sure we are working from thorough, correct information means we can provide a whole solution, not one which merely treats the symptoms of inefficiency, adding further complication in the process.

The Process Evolution approach combines people skills with technology. We often train clients in how to use that technology themselves, enabling sustainable benefits realisation and more cost effective long term deployment of our approach without long term dependence on consultants.

Fire Incident Response Simulator (FIRS)

With simulation, we can ask “what-if?” questions such as:

How will a new risk map impact on our ability to meet response standards?

Can levels of cover be changed safely without compromising response capability?

What would the effect of moving a station to a new location be?

FIRS enables the location of fire stations, their appliances and crewing (e.g. whole time, day crewed, retained) to be specified. It then accurately mimics the response of these appliances to historical workload.

Implementation

Process Evolution carry out consulting services on your behalf utilising these and other tools that are already proven to work for fire and rescue services. Alternatively, we can configure the toolset and hand it over for use by your own staff.

<http://www.processevolution.co.uk/home>