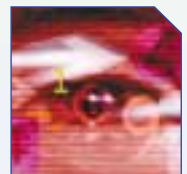


*energised systems development*



- Business Need
- Business Case
- Requirements Capture
- System Development
- Testing
- Deployment
- Support

SOLUTIONS



## Energised System Development

### Bespoke Software

The core business of **7 Layer Solutions** is outsourced software development and related services. We have an enviable track record in completing projects successfully – within agreed timescales and budget.

Too many systems related projects flounder and fail to deliver the benefits originally identified to justify the project budget. Whilst there is always a long list of reasons as to the how and why a project fails, we believe that it is often a consequence of the interaction between the user community and the I.T. department

Our approach is based upon an Engagement Model. We use this to define with you the tasks you want us to undertake. From a specific role – to full ownership of a development and deployment project. Within this framework we facilitate communications between our client's business and IT departments in order to deliver projects successfully.

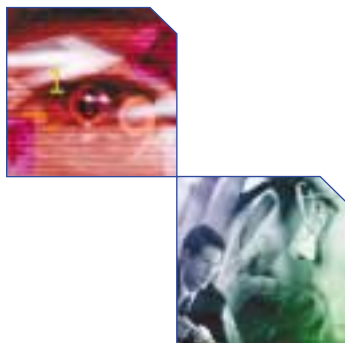
### Focused Development

It is important to recognise that this is not a traditional waterfall project approach, with each stage occurring in sequence.

Our methodology focuses on:

- ▶ Flexibility during the development cycle
- ▶ The use of "prototypes" and highly visual requirements documents
- ▶ Early and frequent deliverables
- ▶ Parallel planning and execution of development, testing and deployment phases.

The result is a highly energised, rapid and focused development project that delivers customer solutions on time.





## Business Process Management

7 Layer Solutions provides a full range of services involved in automating business processes. Business process improvement comes from knowing what a company is aiming to do, how it operates, what it achieves, and where and why it feels pain. We work hard to get under the skin of a business to understand the processes and technologies upon which it relies. Our diagnosis and recommendations for process improvement come from those insights.

### Business Process Discovery

- ▶ Investigate and document existing business processes together with related business requirements

### Business Process Modelling and Analysis

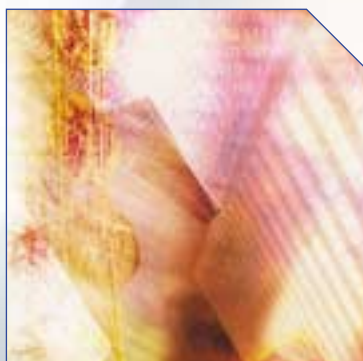
- ▶ Model process flows; analyse their operation with sample data; design optimised processes

### Automated Business Process Development and Deployment

- ▶ Development of computer and web browser applications
- ▶ Database design and development
- ▶ Legacy system interfacing
- ▶ Integration with ERP, HR, or Financial systems
- ▶ Automated document management

### Business Activity Monitoring – Dashboards

- ▶ Development of visually informative charts and gauges to monitor activity flows using near real-time feeds or cyclic updates





## Engagement Model

**7 Layer Solutions** have defined a specific business model that sets out the key stages of a development project and the services that **7 Layer** can offer in each stage. This is set out in the "Engagement Model". The model depicts how we can support a project during each stage of its lifecycle. An important benefit of this approach is that clients can engage the company for any subset of these services, using us to supplement the internal team where and when required.

A key factor in the success of a systems project is often the interaction between the business and I.T. departments of an organisation. **7 Layer Solutions** can play a key role in ensuring a project's success by taking responsibility to deliver a "business acceptable solution". We can do this by:

- ▶ Working with the business to capture the requirements, to prepare an appropriate testing strategy and to support the deployment of the system, including training, revising business processes, and the acceptance cycle
- ▶ Working with I.T. to translate the business requirements into a technical solution, building the solution itself, interfacing it to current systems, and integrating it with the existing technical platforms

**7 Layer Solutions** is able to provide this "ownership" by flexing the type, skills and number of resources through the project lifecycle, and by having the single objective of delivering a business acceptable solution. This provides our customers with a rapid and flexible development structure, where specialists are employed for each stage, rather than having to use staff who are not equipped with the necessary skills and experience.

### Situation

Identified need or business concept, but must be documented

Need to build business justification for project to get funding

Budget in place. Now need specification for development

Agreed requirements. Need to provide design and development

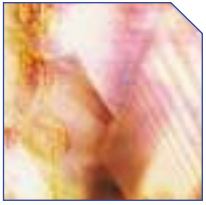
System has been developed, but need to prove it fit for business

Software ready to install, but business not ready to adopt

System in use, but needs on-going support or enhancement





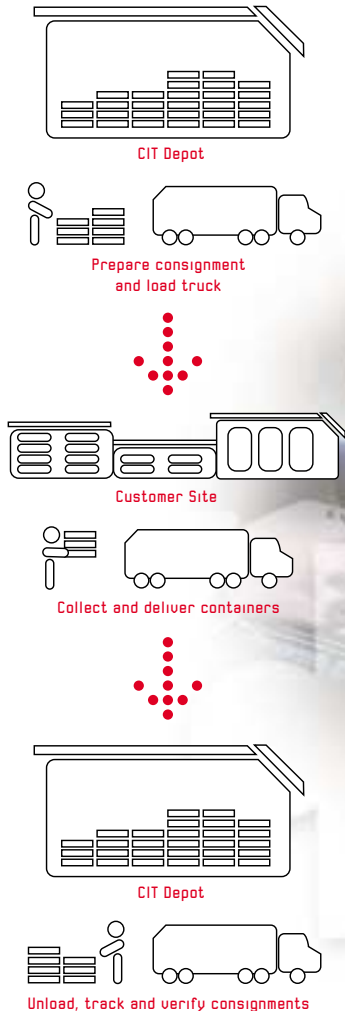


## Cash Logistics

The scope of “Cash Logistics” is the operational processing of cash at retail and wholesale locations, cash handling and transportation, and cash inventory management.

At one end of the scale are Central or Reserve Banks who distribute new banknotes and coin and dispose of unfit currency. At the other, the points at which the public collect and recycle money – ATMs, shops, retail enterprises, and bank branches. In the middle are cash centres run by commercial banks or security companies. These are bulk processing locations for receiving, checking, sorting, stocking and re-packing cash for onward distribution via the Cash-in-Transit operators.

**7 Layer Solutions** are experts in this field. The company has been engaged in outsourcing contracts by a variety of banks and cash industry suppliers since its inception. In addition its senior staff have many years prior experience in cash systems development, business process consultancy and solution supply. In this specialist business few software companies can match the company's expertise.





# Skills and Expertise

## Business Process Management

- Process Discovery
- Documentation
- Modelling
- Analysis and Optimisation
- Automation

## Systems and Infrastructure

- LAN/WAN Architecture
- Wireless Communications
- Internet Connectivity/Firewalls
- Contingency and Resilience
- Load Balancing
- Stress and Capacity Testing or Planning
- Microsoft Windows 9x, NT, 2000 XP, 2003
- Linux
- Microsoft Exchange Server
- Microsoft Internet Information Server
- Microsoft SharePoint Portal Server
- Microsoft Terminal Services
- Microsoft SQL Server
- Oracle
- Citrix

## Project Management

- Requirements Analysis
- RAD Workshops
- Business Case Development
- Vision and Scope
- Project Planning
- Project Management
- Change Management
- System Documentation

## Application Design and Development

- Application Design
- Database Design
- Pocket PC/Windows Mobile
- Microsoft C/C++, C#, VB, VB .NET
- .NET Framework
- .NET Compact Framework
- VB Script, JavaScript
- Borland Delphi
- Java
- Web Services
- COM
- XML
- Crystal Reports
- InstallShield
- Ultimus

## About 7 Layer Solutions

**7 Layer Solutions** is a dedicated systems house specialising in software application development and business process management projects. It has considerable experience within the cash logistics sector and has undertaken work for Banks and Cash in Transit companies, as well as outsourced development from global suppliers of cash processing and vault management systems.



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