

## Who We Are

Technology Partners Group (TPG) is a privately owned Australian company formed in 1998 by a group of experienced, yet innovative and forward-thinking software developers in order to provide high-quality, custom-built software for the Australian business environment.

The internet has changed the way everybody does business and for the past decade, TPG has been at the forefront of internet applications for business. We have successfully designed, developed and implemented customised internet-based software applications across a range of industries and enterprises, which have enabled our clients to take advantage of the competitive advantage that the internet can provide.

Our customers look to information technology, and more specifically to TPG, to deliver software solutions to meet their individual needs, and to:

- increase profitability,
- lower costs,
- enhance productivity, and
- increase revenue.

We take on a range of assignments from websites through to fully-managed, enterprise scale projects.



**Technology Partners Group**



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## What We Do

Technology Partners Group (TPG) provides high-quality, custom-built software development services with a focus on the finance industry. Our assignments vary, ranging from small applications through to enterprise scale, fully managed projects. We have provided proven solutions across a range of industries and enterprises in addition to the finance sector, including insurance, utilities industries and selected government agencies.

TPG has well-defined processes and methodologies to manage the entire life cycle of custom-built (bespoke) software solutions and product development.

## Custom-Built Solutions

TPG provides software development services with a particular focus on internet based transactional applications in Microsoft's .NET technologies deployed on SQL Server, Oracle or IBM's DB2 databases. We are a Microsoft Partner, an IBM Business Partner and an Oracle Partner.

We are able to deliver a complete managed software development solution from project inception through to implementation, including:

- Software project management
- Requirements definition and management
- Software architecture and design
- Software development
- Software testing and validation

## What Makes Us Stand Out?

At TPG we are absolutely committed to customer satisfaction. We recognise that delivering a quality outcome which meets and exceeds customer expectations is the key to customer satisfaction and our success.

We maintain a strong commitment to industry best-practice in project management and delivery. We invest in our staff and technologies which provide industry leading productivity, bringing highly cost-effective solutions for our customers.

## How We Do It

TPG recognises that rigorous planning, monitoring and control are essential to the success of any project. These best-practice principles are applied to all our projects.

TPG uses two main project methodologies for software development:

- an iterative software development process and
- the classic waterfall approach.

The best approach is agreed after discussion with each client based on the nature of the project, its constraints and requirements as well as the client's preferred work-practices.

## Development Methodologies

### Classic Development

TPG has found that for many organisations the best approach to software projects is to utilise the classic waterfall project methodology. This approach provides a clear, sequential and easily understood process which better fits the decision making process of many organisations.

A typical approach would include the following phases,

- Scoping
- Requirements Definition
- Design
- Build
- Testing
- Implementation

In TPG's implementation of the classic approach, we recommend use of the best iterative concepts within the requirements definition, build and testing phases. This typically involves intense user input and interaction with the development team during the requirements definition phase in the form of workshops, as well as early and regular user feedback during the build and testing phases. Hence many of the benefits of an iterative approach can be obtained within the tightly controlled framework of a classic approach.

### Iterative Development

TPG utilises a customised implementation of IBM Rational's Unified Process (RUP) to deliver iterative developments. Its goal is to ensure the production of high-quality software that meets the needs of its end users within a predictable schedule and budget.

The RUP methodology has become accepted as a de-facto industry standard by large numbers of organisations and IBM's acquisition of Rational has further cemented this position.

### Staged Development

To further reduce risks and bring forward a return on investment, wherever possible, we break large-scale projects into a series of well-defined sub-projects, each of which delivers clear business benefits in its own right.

## Software Engineering

TPG complements its project methodology with the best of current software engineering practice, including component-based development, use of services-oriented architecture, use of best-practice design patterns, test-driven development, UML modelling and code-generation.

