

2006 CAPABILITY STATEMENT



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ABOUT JAVELIN ASSOCIATES



- ✓ Scheduling
- ✓ Planning
- ✓ Project Control
- ✓ Strategy Development

- ✓ Quality Service
- ✓ International Experience
- ✓ Cost-Effective
- ✓ Diversity

Business confidence through planning

Our role

Our role is to create an environment of **business confidence** for our clients that their projects are under control.

Who we are

Based in Sydney, Javelin Associates is a leading provider of project planning and control services to a wide range of industry sectors including engineering, construction, mining, petrochemical, defense, telecommunications and information technology. Javelin has provided services to projects in Australia, USA, Hong Kong, Papua New Guinea, Indonesia, Singapore, Malaysia, Poland and Nigeria. The projects on which we have been engaged have ranged in value from under \$1 million to well over \$750 million.

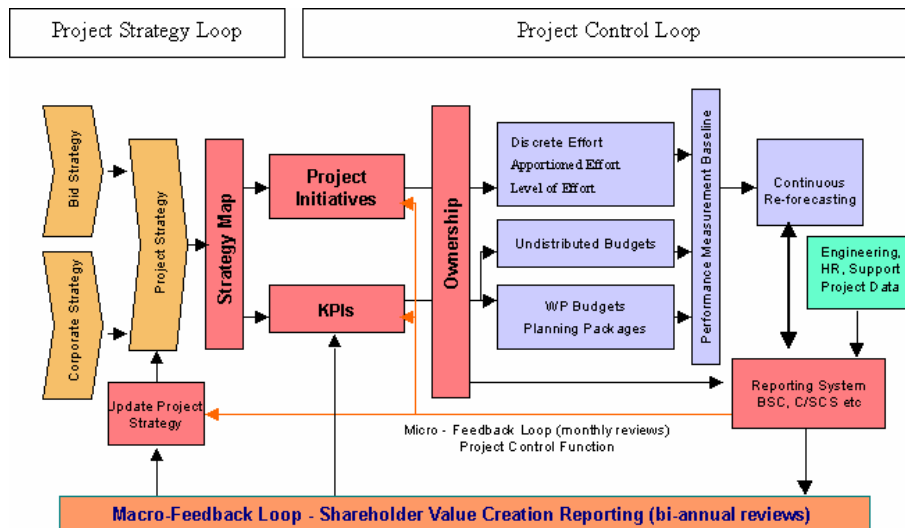
Our key strength lies in our principle of creating value and wealth for clients by ensuring projects meet or exceed their intended objectives. Because all projects are naturally at risk, Javelin provides services to understand project behavior, measure project performance and maintain a healthy environment to facilitate successful completion. We provide timely reports that identify factors affecting project performance and enable quick responses to live project challenges.

Javelin's respect for the cultures of local communities allows us to work across the different countries our business spans. We consciously strive to contribute to the development of the local communities in which our projects are being implemented. For example, on several projects in the past we have trained local technical personnel at no extra cost in various aspects of project engineering and management. This training has provided technical and management skills for delivering projects that would help to improve the quality of life within the local community.

Specialist Project Planners and Modellers

We deliver quality information that makes the decision process confident and easy

- Professional design of project implementation programmes
- Design and implementation of project performance monitoring systems
- Timely project updates and reports
- Problem solving / trouble shooting
- Auditing of project plans
- Forensic analysis of project performance
- Litigation support
- Risk analysis



Ref: Czes Szarycz & Voytek Kawecki - Incorporation of Balanced Scorecard Methodology into Project Management Systems

'Online' Service

Javelin's 'Online' service is the most cost-effective approach for delivering Project Control services. After initial design and set up of the Project Control system in the client's office, the project is serviced from our facilities over the Internet and through the use of faxed communications where appropriate.

This method has the advantage of achieving significant savings through the elimination of the costs of expensive, unnecessary overhead costs such as expatriate accommodation, transportation etc. The "online" system can be used, for example, to service projects in remote locations without the requirement of "on-site" planning personnel. Periodic site visits may be required to assure continuity and traceability of service.

'On site' service

Projects requiring full time project control services on location can be serviced using our 'On-site' service, where we have personnel stationed permanently on-site throughout the duration of the project.

Core services

Javelin uses the latest proven and reliable software that provides your project with the most efficient results on time, every time.

- ✓ Project--based strategy development
- ✓ Design of project implementation plans
- ✓ Design of project control plans
- ✓ Development of project performance baseline
- ✓ Design of project Key Performance Indicators (KPIs)
- ✓ Design and implementation of systems and processes for measuring monitoring and controlling project performance
- ✓ Design and implementation of systems for managing the integration of planning, scheduling, estimating, cost control, cost accounting, contract administration, and progress reporting functions
- ✓ Preparation of tender schedules and programs
- ✓ Preparation of contract execution schedules and programs
- ✓ Design and implementation of project management reporting systems
- ✓ In--house Project Management training and seminars
- ✓ Design and implementation of project risk management strategies
- ✓ Economic evaluation of project and business solutions
- ✓ Organizational review and design

KEY PERSONELL



Voytek Kawecki Director

Voytek's main area of expertise is project based strategic planning and resource modelling, design of project control systems and databases, project performance monitoring and reporting. Voytek has exceptional skills in development of unconventional methods and techniques for project control. Voytek also enjoys scuba diving in his spare time relaxing in the underwater world.



George Bergen Javelin Associate

George's main area of expertise lies in multiple projects schedule programming, monitoring of progress using P3, SureTrak and MS-Project. Clients staff support and project planning training. George loves animals, he has two dogs and two cats and he is building his house in his spare time



Justin Nguyen Project Control Consultant

Justin is a Telecommunications Engineer, skilled Project Scheduler and Risk Analyst. He has also been involved in Web Development specialising in PHP and MySQL databases. His passion however lies in music, playing classical piano from the age of 6 and recently picking up acoustic rock guitar.



Alan Lee Scheduling Engineer

Alan is a Telecommunications Engineer, who is a project scheduler with Javelin Associates. He is skilled in planning tools Primavera P3, SureTrak and Microsoft Project in addition to risk analysis tools Pertmaster and Crystal Ball. Alan enjoys fishing in his spare time and keeping fit by playing many sports.

DIVERSITY OF EXPERIENCE



From top: Yarra Bridge Melbourne, Dam Strengthening Sydney, Gas Pipeline Malaysia.

Multinational

Javelin 's operations have ranged from civil and building construction, petrochemical, mechanical, defense and telecommunication projects in the USA, Nigeria, Hong Kong, Papua New Guinea, Indonesia, Singapore, Malaysia, Australia and Poland with budgets from under \$1 million to over \$750 million.

CLIENTS AND PROJECTS



Bilfinger Berger (Australia)

Project Description:

The M5 East major Sydney freeway including the longest Australian road tunnel. The total value of the job was more than \$750 million dollars. The project was completed three months ahead of time and ahead of budget.

Scope of Services:

Javelin played a major part in winning the tender for the largest single awarded construction project in Australia. We provided Construction programs, Project progress control and Reporting service.



Petronas (Malaysia)

Project Description:

6.5 kilometers of gas pipeline across Malacca Strait. This \$20 million project was the most challenging undertaken by Javelin. The technical complexity and new technology made this project very difficult for contractors and sub-contractors.

Scope of Services:

Total Project Control System, Construction Programs, Project Progress control and reporting, 'Online' planning service.



Boulderstone Hornibrook (Australia)

Project Description:

Melbourne City Link Project major toll way for 3.5 million people city. The total value of the job was more than 2 billion dollars.

Scope of Services:

Javelin designed and implemented a time and KPI progress monitoring system for the \$500 million Western Link part of the project and the project was completed on time. The planning/scheduling software used was Primavera P3 and SureTrak utilising MS-Access databases and Excel spreadsheets for data collection and graphical reports.



Lihir Gold, Coecon (Papua New Guinea)

Project Description:

Gold mine project on Lihir Island Pacific Ocean, with a \$50 million budget.

Scope of Services:

On this project we covered everything. Tender, Procurement, Construction Programs through completion and change contract process. Total Project Control System Tender and Construction Programs, Project Progress control and reporting, claims and 'On site' and 'Online' planning service.



Lockheed Martin (Australia/USA)

Project Description:

Javelin Associates, working in association with Terra Firma, have developed programmes and standards to monitor US based Lockheed Martin Australian operations, planning and progress cycle update processes for the \$250 million defence project.

Scope of Services:

Used 'Online' planning service, Construction Programs, Project Progress Control Updating and Reporting system.

CLIENT TESTIMONIALS

"Javelin has excellent understanding of Planning and Scheduling principles and applications, with complementary depth of understanding of variety of tools and an outstanding ability to apply them quickly and efficiently to benefit of project planning and control."

- David Read, Director, Earned Value Systems Pty LTD

"Javelin Associates, working in association with Terra Firma, is quick and responsive. Their work put more light into complex issues of our project planning"

- Lawrence Gatton, Deputy Program Manager, Lockheed Martin

"Simple and logical Javelin programs helped us to win a major Expert Determination, by demonstrating delays and entitlement to extension of time. The analytical strength of the programs was an important factor in convincing the Expert that we had in fact been delayed and were entitled to the claim and subsequent recovery of costs."

- Russell Denny, Special Projects Manager, Wagstaff Piling P/L

"Javelin Associates, working in association with Terra Firma, implemented "on-line" progress monitoring and planning system for a major overseas contract. With Javelin and Terra Firma, we were able to see program issues that previously flew under the radar. By gaining consistent reports and advice we are able to understand not only our time constraints but also clearly see what was best to do about them."

- Mick Aylward, Deputy Program Manager, Lockheed Martin

"Javelin supported Baulderstone Hornibrook in the design and preparation of tender programs, cash flows and preliminary construction schedules for the M5-East Motorway (\$650M design & construct contract). The clarity and integration of these programs was a significant factor in securing the project and successfully developing the broader project planning essential for achieving completion on budget and 6 months ahead of schedule."

- Michael Moore, Construction Manager, Baulderstone Hornibrook

"Javelin's value of quality planning service exceeded cost of the engagement from the first day. It enabled us to gain better understanding of our projects requirements and was vital for our processes of project resource estimating."

- Paul Debnam, Estimating Manager, BHP Engineering

"Javelin provided a planning/scheduling service for our \$500 million Melbourne City Link project. The service was professional and efficient providing our weekly and monthly progress and updated schedule reports, and always in a timely manner. We would recommend Javelin for project control roles involving multiple sub projects in future."

- Ian Sinclair, Planning Manager, Baulderstone Hornibrook