

## IT Solutions and Integration

Over the years IPC has developed many large JEE/systems & integration solutions...

Here are some of the highlights...

### ⊕ **B2B/Integration**

**Axon Message Broker** Developed initially to provide store and forward messaging solution for Chemfreight a leading New Zealand 3rd party logistics company. Axon is a fully fledged set of “loosely coupled” system integration technologies that is now a commercial offering. Axon integrates to any messaging format including ebXML, UBL and AS2. It offers a total solution for message management and includes an extensible API toolkit that allows integration of otherwise disparate systems. Clients that are using or have integrated with Axon include Dupont, Merck, and Valvoline. Axon is currently being integrated into City of Perth to manage fault notification between systems managing parking ticketing machines.

### ⊕ **B2B/Integration**

IPC’s chief solution/integration architect “David Eckersley” lead the team at Synergy to design/develop/implement the integration bridge between Synergy(RBX) & Western-Power.

### ⊕ **Banking**

IPC designed/developed/implement Low Interest Loan System for Dept of Education. LILS manages approx \$500m of loans.

### ⊕ **Timesheet/Project-Management**

IPC designed/developed TEMPUS timesheet system. A large/flexible web-based timesheeting system.

### ⊕ **Risk Management**

IPC is currently designing/developing a “Risk-Management” application to better able to “improve the risk-management process”.(USA)

**RiskBase:** IPC resources were involved in the initial design and developed RiskBase which is an in-house development initiative of the Insurance Commission of Western Australia to allow government Agencies to better manage risk.

## Software Consulting

IPC's Software Consulting Team consists of a dedicated selection of experienced software managers and engineers. We provide a range of highly focused software consulting services, which leverage the practical experience gained on a variety of projects. Areas of capability are outlined below.

### ⊕ **Software Project Management**

IPC has a 100% track record for delivering software to our customers. To achieve this we employ a rigorous approach to project management and a formal methodology on all of our software development projects. All projects are tracked and managed with standard project management software. Metrics have been collected for all of our software projects and we are in an excellent position to accurately estimate any activity required for software development and implementation.

### ⊕ **User Requirements**

IPC prides itself in understanding our client's requirements. We use a variety of techniques to ensure that user requirements are fully documented, understood and agreed. Our iterative approach to software development ensures that changing requirements during the course of a project can be properly assessed and catered for.

### ⊕ **Software Architecture**

Since our inception IPC has aimed to become the most skilled practitioners of component-based and Internet-based technologies. Developing powerful solutions requires expertise in distributed architectures that are highly scalable, robust (24 by 7) and that support rapid development and deployment of secure, transactional services - this is best implemented with the intelligent use of object technology. We have considerable expertise in large transaction processing based systems in traditional environments (such as CICS, DB2, and Oracle transaction systems), as well as current technologies including .NET, Java, WebSphere, object oriented analysis and design, and web application servers and security. IPC believes strongly in open software architectures which can provide clients with the scalability and performance they need in significant Internet-based applications.

### ⊕ **Software Analysis and Design**

IPC utilises a formal object-oriented analysis and design methodology and tools for all of its software projects. All software designs are created and fully documented using tools like Rational suite. In addition we have considerable experience with many commercial component and class libraries, design patterns, and security and performance approaches.