

## **Software Development and Maintenance**

### **Software Development**

IPC's commitment is to build quality software systems. We have the skills and experience to develop the large scale systems required by our corporate and government clients. Our team has extensive commercial experience and a passion for building excellent software. IPC's hard-won reputation and credibility for building quality systems is our most valued asset.

Our approach is characterised by:

- An emphasis on partnerships with our clients
- Clearly defined business requirements
- Use of proven methodologies
- Expertise in applying modern tools and technology effectively
- Cost effective results

We are equipped to undertake all types of on-site and off-site development projects. Our software development capability offers a cost effective means of delivering new and innovative software without the expense of start-up costs, training overheads and ongoing support infrastructure.

Custom software solutions developed for our clients include Internet and e-commerce systems, financial workflow solutions, customer management systems, data warehousing systems, forecasting and supply chain management systems.

IPC employs the latest software engineering and systems management tools, multi-tier architectures and frameworks. With an average of 10 years of experience, the company's engineers are experts in proprietary and open technologies such as Java, .NET C#/VB.NET, C++, Unix, Windows, application servers, messaging solutions, and databases such as Oracle, DB/2, and SQLServer.

IPC also has a capability in mobile technologies such as METAMessage for Wireless, BlackBerry and Windows Mobile.

### **Software Maintenance**

IPC is committed to maintaining software quality through its software maintenance services. This includes the ongoing support, enhancement and development of custom-developed, and web-based applications.

IPC's software maintenance service offers a comprehensive life cycle management approach for applications of all types from legacy customer applications to new web-based applications. As the business requirements and priorities change, IPC keeps the applications running, up-to-date and evolving over all phases of the life cycle.

The IPC Maintenance Process based on IEEE and SEI CMM (<http://www.sei.cmu.edu/cmmi/>) quality standards, delivers high quality, powerful software solutions and services to our clients.

Specific offerings include:

#### **Development and Integration**

Design, develop, test and implement new business applications into business operations;

#### **Ongoing Management and Operation**

User support, upgrades and enhancements to keep applications up-to-date and running efficiently and effectively;

#### **Major Enhancements**

Technical and functional upgrades to the applications and business processes to evolve the application with changing business needs; and

#### **Retirement and Replacement**

Wind-down, archive, cutover and decommission obsolete applications no longer required by the business or being replaced by a new business application.