



REAL-WORLD EXPERIENCE
REAL RESULTS

+ Company background

InterDev is a specialised organisation focused on software solutions. Our primary mission is to assist organisations in planning, designing, developing and implementing their software, Enterprise Application Integration, B2B Integration and Mobile Application requirements.

InterDev brings to clients a wealth of experience and knowledge along with established methodologies and strong technical and process mapping capabilities. We provide a wealth of experience in integration solutions, enabling businesses to easily deploy enterprise-class applications and integration solutions based upon individual company requirements.

Our expertise is centred around our integration skills and our strong capabilities in technologies such as J2EE and .Net. InterDev also provides extensive product experience in vendor platform such as webMethods, Tibco, Microsoft and others.

InterDev has extensive experience integrating mobile data solutions. Mobile devices such as PDA's and Mobile Data Terminals (MDT's) have the potential to provide enormous productivity gains. Traditionally, mobile devices have been difficult to integrate, perceived as unreliable and not cost effective. InterDev have provided highly successful solutions for integration of mobile data services and products, extending the business reach of enterprise applications of large corporations.

The basis of the relationship with our clients is to empower their organisations and communicate our knowledge and practices. We enable our clients to continue to deliver projects without our ongoing day to day assistance.

+ Industry experience

InterDev has a wealth of skills and experience derived from our personnel's diverse backgrounds. Our personnel have been actively involved in Enterprise Integration projects across many of Australia's large corporate environments and have been instrumental in delivering successful projects within these organisations.

A major Australian manufacturing company utilises InterDev's expertise in providing architectural guidance and design for their major integration projects.

Recent experience includes building a 'message exchange' for a major transport company. Multiple disparate vendor platforms were integrated into a powerful 'transaction hub' enabling communications between applications and new applications to be deployed which leveraged existing data and services.

Our personnel have experience and certification in key technologies such as .Net Compact Framework, .Net, J2EE as well as vendor environments including webMethods, Microsoft, Sun, Tibco and BEA.

InterDev's mobile data integration skills have recently enabled a major Australian company to provide powerful mobile data solutions and successfully integrated these into a range of core business applications.

INTERDEV CASE STUDIES

+ Trading exchange

InterDev created a trading exchange for a major Australian transport company. The exchange centralised messaging (data transactions) and integrated 16 disparate business systems. webMethods technology was utilised to undertake this project and the outcomes for the client have been:

- significant increase in customer service and satisfaction
- simplification of internal integration
- lower time to market for solutions
- lower costs of development and data integration
- a platform to develop client facing and mobility applications for self-service and delivery solutions

The initial problem

Acquisitions had led to a multitude of different business systems within the group. This led to significant issues for customers who were forced to interact with different systems and trading processes with the client. The opportunity to significantly enhance customer service (including self service), along with greater availability of real-time information availability to customers was seen as a competitive advantage and offered great efficiencies with customer service staff. In addition, data within the group was not centralised and often duplicated. Business to Business (B2B) opportunities to streamline the supply chain were not easily brought to market and this was seen as a potential competitive advantage.

Solving the problem

In order to overcome the issues and to provide a platform for future business systems integration, a centralised trading exchange was designed. This trading exchange would provide 'standard transactions' or 'business objects' that would be used to communicate between the different systems, as well as external customers. These transactions would be typical business events such as 'consignment note', 'proof of delivery', or 'delivery enquiry'. The underlying technical platform (webMethods) would provide the technical integration components in a standardized fashion.

The centralised exchange was designed to enable future business requirements and reduce time to market while decreasing the technical complexity. Important issues such as centralised management and administration were addressed and capacity for growth and performance were also considered.

The outcome

The trading exchange now connects over 16 different business systems and has provided the platform to deliver extensive web based customer self service solutions. This solution has provided the group with the ability to easily capture, and more importantly, meet customer-defined KPIs. In addition, mobility solutions have been delivered which utilise the trading exchange to interact with the different systems and provide real-time information to both drivers and customers.

+ Mobility solution

InterDev developed a leading edge mobility platform for one of Australia's largest transport and logistics providers. The solution has allowed our client to extend these mobility services to more than half a dozen business units within the group. These independent business units can leverage off the group's investment, in order to achieve:

- real time tracking of freight movements
- signature capture — available in real time to customers over the web
- total fleet visibility
- job booking and pickup whilst 'on the road'
- reduced time to market for new mobile applications

The initial problem

Our client required a solution that allowed mobile data applications to seamlessly integrate with multiple business systems. Previous mobility offerings deployed were limited due to the following:

- batch based system
- proprietary development by third party vendors, limiting the opportunity to extend or change
- required to 'reinvent the wheel' each time a mobile solution was required
- not utilising internal resources to develop new mobile initiatives
- integration with internal systems required significant rework

A corporate mobility standard was needed to revolutionise the way business had been traditionally performed.

Solving the problem

Since the client was intending to use this system as a common mobility platform across multiple business units, delivering a reliable, efficient, and robust solution was paramount. Using standard technologies we were able to develop a distributed architecture which allowed for any business application to 'plug into' the core mobile infrastructure. In addition, the system provides:

- interface capabilities into multiple business systems
- full visibility of connected devices
- automatic software deployment
- support for multiple mobile hardware devices
- web based management and administration capabilities

This was all achieved whilst conforming to the corporate enterprise architecture and ensuring adherence to corporate security policies.

+ Architecture services

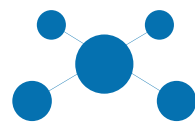
InterDev advises a large Australian corporation on their architecture requirements for complex integration and application services. Our broad experiences allows us to provide real-world and practical advice which has led to valuable design decisions around corporate IT application 'frameworks' and valuable design decisions involving integration methodologies.

The problem

Our client faced the challenge of integrating a multitude of different business systems, replacing an ageing integration platform and reaping the rewards of their investment in the webMethods integration platform. Plans and strategies were been developed to commence integration of various internal business systems, along with Business to Business and Supply Chain solutions. A strong emphasis had been placed on scalability, reliability and availability, security, increased services and speed to market. Given the potential complexities of integration of business systems, the client was seeking an experienced partner to assist in providing a 'real world' view of the design and strategy, and to assist in making decisions based on past experiences of their partner.

The Outcome

InterDev provides ongoing architectural and design advice based on our 'real word' experiences in designing and deploying integration solutions. Important decisions have been made which have reduced the overall expenditure by the client whilst meeting or exceeding the objectives and success criteria of the project. The ongoing advice and expertise provided allows the client to plan more effectively and deliver business outcomes in the timeframes required.



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