



Department of Communications, Marine and Natural Resources

Case Study

The Challenge

The Department of Communications, Marine and Natural Resources (DCMNR) regulates Ireland's telecommunications and broadcasting sectors and protects and develops the country's marine and natural resources. Seeking support to implement its Information Services Division's strategy the Department turned to **xwave** to provide key personnel for support.

xwave's Solution

Since 2001 **xwave** has used its analyst and design expertise to support the Department's Common Component Framework (CCF) Team; the Team's purpose is to define the Department's corporate information requirements and map out an appropriate information and communications technology (ICT) strategy. Over 20 key applications sit under this framework. In addition, **xwave**, now provide Java development skills to support enhancements and new functionality.

The Benefits

xwave has helped the DCMNR to manage its CCF while it continues to roll out its applications. **xwave's** personnel ensure that development and design efforts are minimized and the integrity of the CCF is maintained as new applications or functionalities are added.

Our role within the development cycle, with the provision of Analyst and Java development skills, means the client has access to highly skilled resources. This means the latest technologies can be applied to deliver scalable eGovernment projects.

Technologies Applied

- Oracle Designer, JDeveloper, IAS Application Server on Window, Single Sign-On, Internet Directory (OID), OC4J (Oracle Client For Java) and Oracle Enterprise Manager
- HTML/DHTML, ANT, JUNIT, XML/XSLT, EJB, SQL, PL/SQL
- J2EE/Java/Servlets/JSP
- JavaScript
- Quest Software (TOAD) DBA tool
- MS Visual SourceSafe
- XML Spy
- JMeter (Java Application, Java Applications, J2EE Applications, JDBC, LDAP Stress/Load Testing)
- Optimiseit (J2EE, JDBC, Thread, Code Coverage and Request Analyser)
- Stylus Studio (XSL Performance Profiling)
- GIS, ESRI Products
- Code Auditing
- J2EE Application Server Building, Packaging and Deployment

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