



PRESS RELEASE (March 22, 2005)

Wildlife Atlas Redevelopment Press Release.doc

## Redevelopment of Victoria's Wildlife Atlas

Spatial Vision has been commissioned to redevelop the Atlas of Victorian Wildlife application for the Biodiversity and Natural Resources Division (BNR), part of the Victorian Department of Sustainability and Environment (DSE).

The existing Wildlife Atlas application has been in use for many years and contains over 2.5 million species observations. On average, more than fifty thousand species observations are recorded each year by members of the public, biological consultants, DSE and other government agencies. The primary role of the Wildlife Atlas application is to record and validate these observations. BNR decided to redevelop the Wildlife Atlas application to update the technologies on which it is based and to enable better integration of the Atlas information with other departmental databases and especially their external web mapping system, MapShare.

MapShare provides a common spatial mapping facility for a range of business applications for both DSE and the Department of Primary Industry. The redevelopment of the Wildlife Atlas application will facilitate spatial reporting of wildlife observations in the context of the broad range of other spatial thematic data.

Spatial Vision has worked with BNR staff to develop a new data model for the Atlas to be held in an Oracle RDBMS and is now developing a new client/server application in PowerBuilder to enable the entry, validation, management, querying and reporting of the Atlas information. The application is especially designed to facilitate the entry of large volumes of information and can import data batches which have been entered by a keypunch contractor.

The Wildlife Atlas application implements extensive business rules that are used to validate the data to ensure its integrity and also enables the database administrator to generate letters back to the observers to confirm their submissions.

The redevelopment of the Wildlife Atlas application into BNR's standard data and technology framework is a key step in the 2003 – 2008 Biodiversity Information Access Strategy prepared for the Department by Spatial Vision in mid 2003.

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### Who is Spatial Vision?

Spatial Vision works at the leading edge of geospatial and information technology. We develop innovative solutions that integrate geographic information with business applications.

Established in early 1999 and based in Melbourne, Spatial Vision has significant experience in the development of land, natural resource, and asset management and applied social and economic research systems for organisations throughout Australia.

#### Our Business Partners



In 2002 Spatial Vision was awarded the ESRI New Business Partner of the Year Award.



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