

## Integrated Land Systems

Integrating the use of Western Australia's land and geospatial information across Government is fundamental to the successful management of spatial information throughout the state.

Currently, many agencies spend valuable time and resources collecting and merging data into disparate information systems. DLI is seeking to reduce this cost for its customers by streamlining the integration of our extensive databases both within DLI and other corporate environments.

Through a new Land Systems Integration Service, our goal is to enhance the value of our customers' business processes by providing direct, real-time access to land and property information to facilitate transactional data updates.

The new service will leverage secure high-speed internet connections to facilitate shared services and infrastructure across government, providing for true data integration from a wide range of sources across government agencies.

DLI's Government Information Solutions division is developing this capability in close consultation with all agencies seeking access to real time and cost-effective land and property information.

[www.landgate.com.au](http://www.landgate.com.au)

To better serve the Western Australian community, DLI is currently developing a central Internet gateway to all land and property information across our State. Known as Landgate, the web portal will provide access to a suite of innovative products and eBusiness services for our clients, partners and the community. Stage one is scheduled for release in November 2003.



Department of Land Information  
Government of Western Australia

Government  
Land and Property  
eBusiness  
Solutions

Systems Integration  
Product Access  
Business Channels  
Hosting

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Department of Land Information  
Government of Western Australia

### ***New Business Partnerships***

A priority for the Department of Land Information (DLI) is to actively participate in the growth of the WA spatial information industry. Creation of the Landgate web portal will give WA Government agencies and private operators the potential to commercialise new ideas and build their businesses.

For the first time, all customers will have access to Western Australia's land and property information via a single web interface. Customers will be able to harness DLI's data and integrate it easily with their own data or with information drawn from other distributed data sources around the world.

The portal will also enable our customers to benefit from the investment DLI has made in a broad range of sophisticated eBusiness tools including Content Management Systems, Metering and Online Accounts.

Our goal is to establish performance partnerships with our clients, helping them to reduce costs, increase efficiency and explore new business opportunities.

### ***Access to Products***

The introduction of open standards for geospatial information has created fresh opportunities for DLI to deliver enhanced products and services to its customers.

To date, much of DLI's data, including aerial photography, cadastre, land tenure, topography and satellite imagery, is not available in common-use formats making it difficult for customers to access the information or integrate it with other data types.

DLI electronic land and property data is being progressively updated into a purpose-fit model that complies with global interoperability standards as specified by the OpenGIS Consortium.

Access Products provides a new solution, helping to streamline the sharing of information through online ordering and delivery of fit for purpose data. Access Products also will provide vendor neutral delivery of DLI's fundamental datasets using open standards based data casting technology.

### ***Data Hosting Services***

Hosting and web-enabling of land and geospatial databases demands a sizable capital investment by individual Government agencies.

As the volume of data increases, the cost of expanding systems and keeping pace with the latest technology grows exponentially.

As part of our commitment to service, DLI will offer a premium and economical data hosting service specifically designed for our Government customers.

DLI's hosting facilities offer a valuable opportunity for agencies to benefit from DLI's infrastructure to reduce cost, minimise risk and ensure business continuity through a sharing of expertise and resources in a trusted, co-operative environment.

