Case Study
Department of Land Information
(DLI), WA

MapIndia2006

Guy Perkins

CEO/Vice President – Asia Pacific

ER Mapper

Helping people manage the earth

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Government of **Western Australia**

ER Mapper

- Founded in 1989 in Perth Australia

- Invented the ecw file format

- ER Mapper Desktop Image Processing Software

- Invented Image Web Server Software
  - designed to serve large Image dataset using Internet protocol

- RightWebMap – Client Integration Application

- Built JPEG 2000 sdk libraries which are now integrated in all our product range

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Our Partner in India

- AdroiTec Information Systems
- Working at establishing a Master Distributorship agreement
- Focus on Training & Technology Transfer
- AdroiTec to focus on Indian Requirements and alliance opportunities

- Main contact is: Mr. Sachin Kumar Aghrawal

ER Mapper
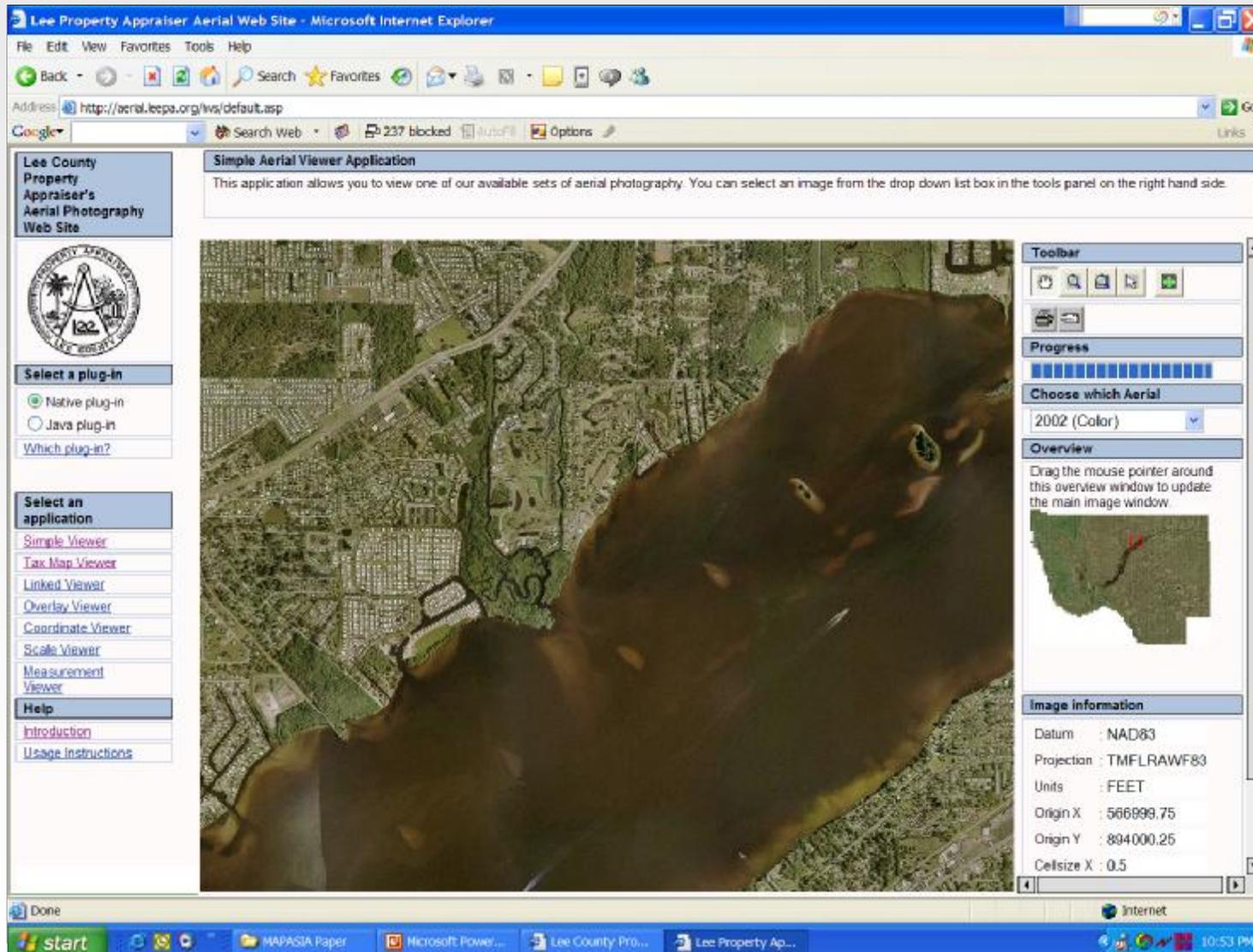Helping people manage the earth

Lee County- Quick Take

- Driven by ER Mapper and ESRI technology
- 0.5Mbyte Plug-in
- Streaming Technology (Imagery)
- Click and Wait (Vector)
- Using Compression and decompression capabilities
- Business model is rate payer services

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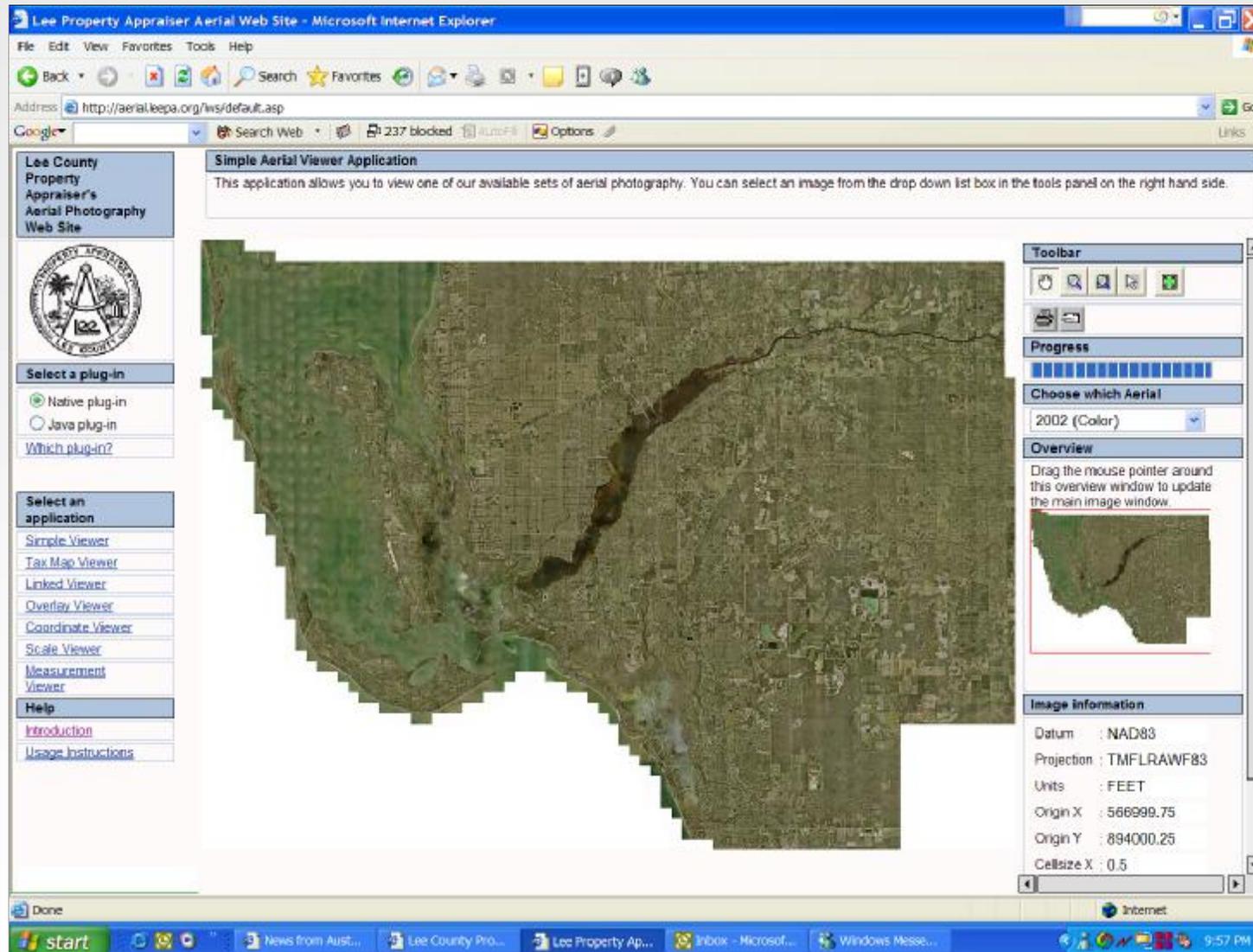
Lee County - USA

Your Enterprise Geospatial Imagery Solution

Lee County - USA

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Lee County – Property Line

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Lee County – Property Details

http://www.landgate.com.au

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SLIP – Business Drivers

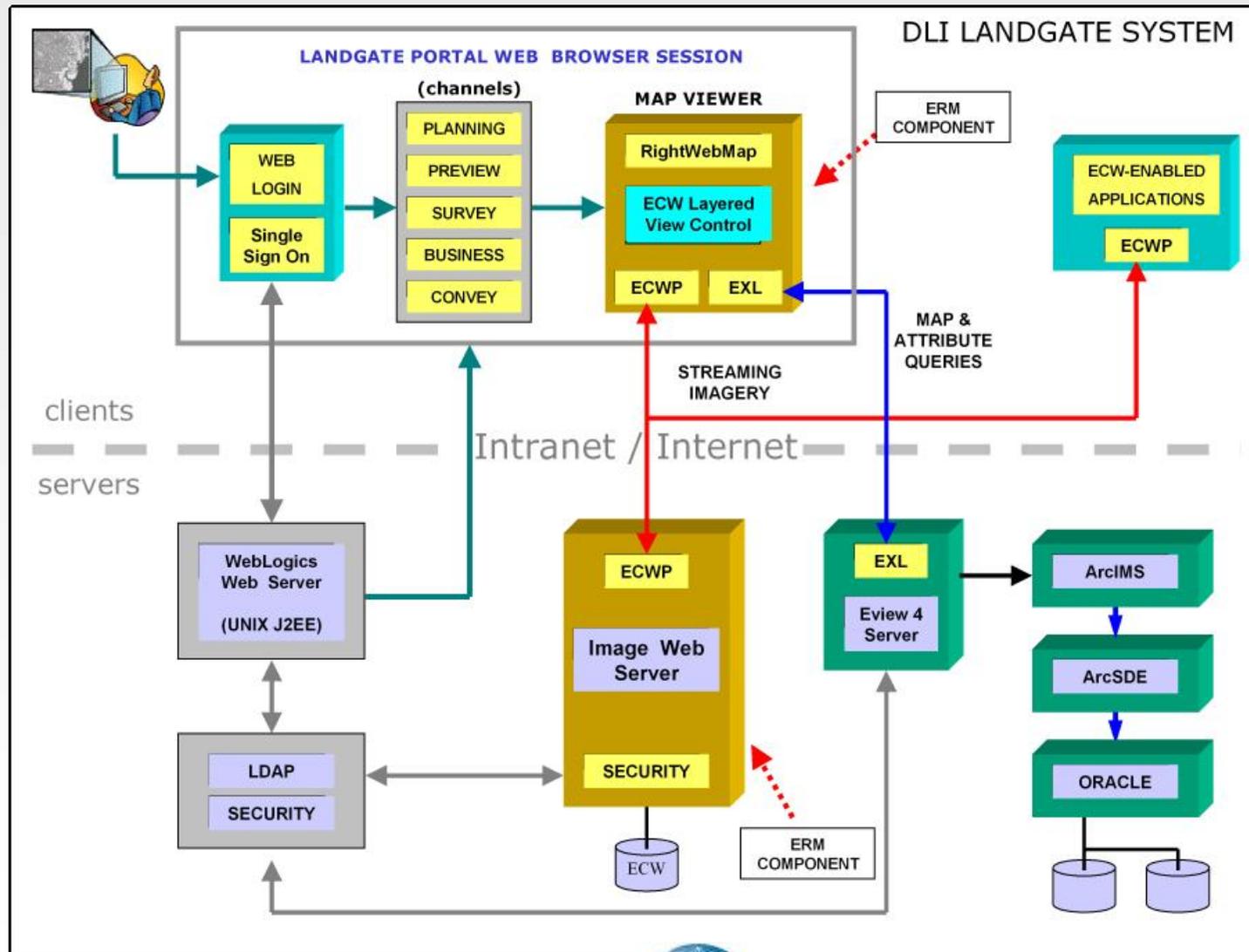- Reduce duplicated capture of Imagery

- Consistent coverage of Imagery over the state

- Central Authoritative store of Imagery for the state

- Whole of State Capture program – Cost shared across 3 levels of Government
  - Local Government
  - State Government
  - Federal Government

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SLIP – Shared Land Information Platform

- Accessing Government Information through SLIP
- Single point of Access
- Move towards e-government
- 26 Government agencies
- 6100 government employees using data
- Customised for communities of Interest
- Share and Coordinate Land Information On Line
- Current information from multiple sources
- Integrated Land & property information online
- Based on DLI's Land Information Infrastructure

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Landgate Portal Architecture

SLIP – Landgate Data Online

- 1 Gbyte of Vector data including Cadaster and Topographical Information

- 5000 Gbytes of Image Information or 5 Tbytes
  - -Increasing rapidly with historical Imagery being brought online

- GIS Solution to serve out vector data and Image Delivery and Integration solution to serve out Imagery

- Information designed to be integrated at client so not dependent on slowest link in solution architecture
  - Other benefits includes having partial solution

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SLIP – Portal Channel

Planning Channel
– free public channel with limited Cadastral data an no image access.

Preview Channel
 – full functionality
 - limited to a specific suburb and with a single airphoto mosaic and a single street map mosaic.

Government Channel
– full functionality channel designed for Government departments.

Survey Channel
– full functionality channel with paid subscription access for surveying needs.

Conveyancing Channel
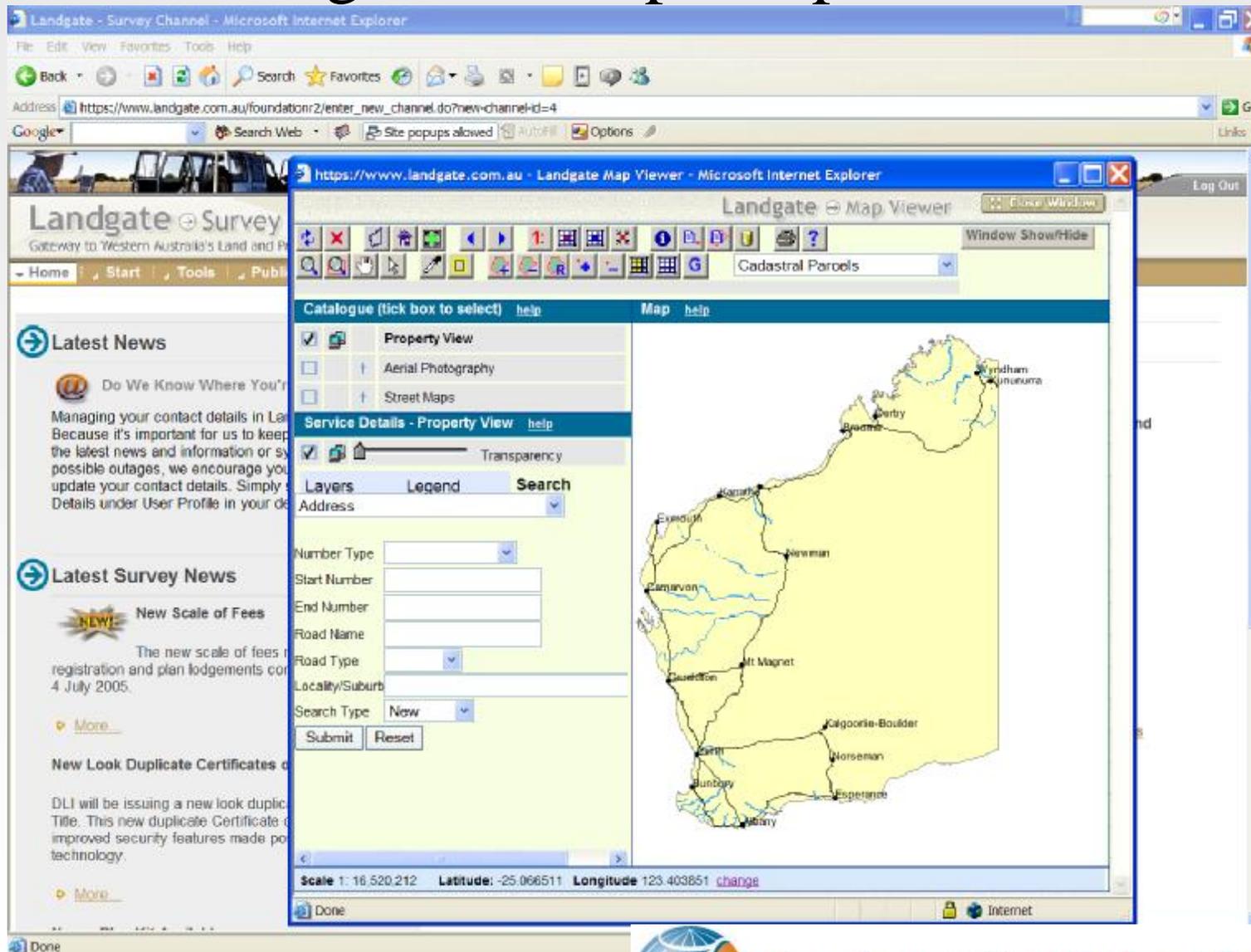– designed for use in Land Conveyancing.

Each channel has different levels of access to both the Cadastral and the Imagery data. Access to the various channels is controlled by a user authentication system with Single Sign On security.

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Portal Channel Options

RightWebMap: MapViewer
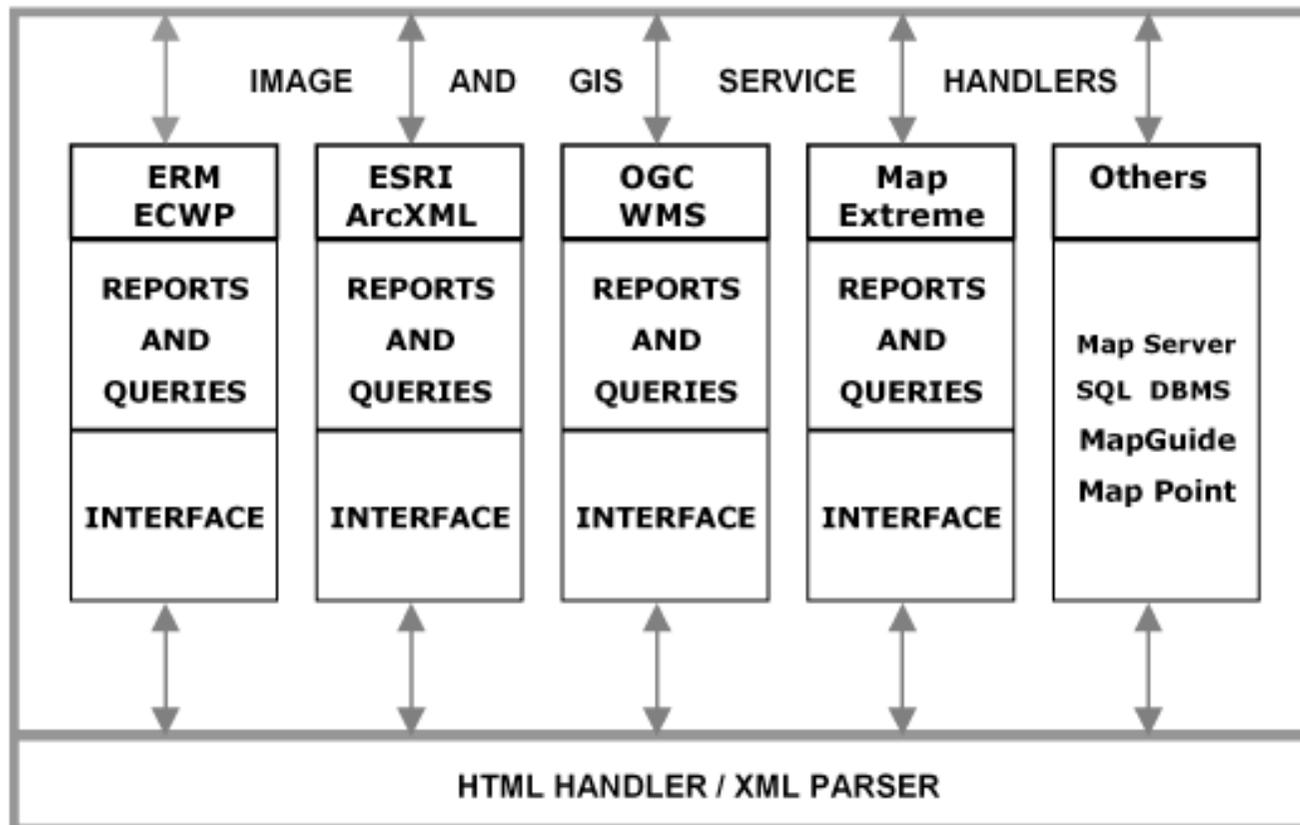

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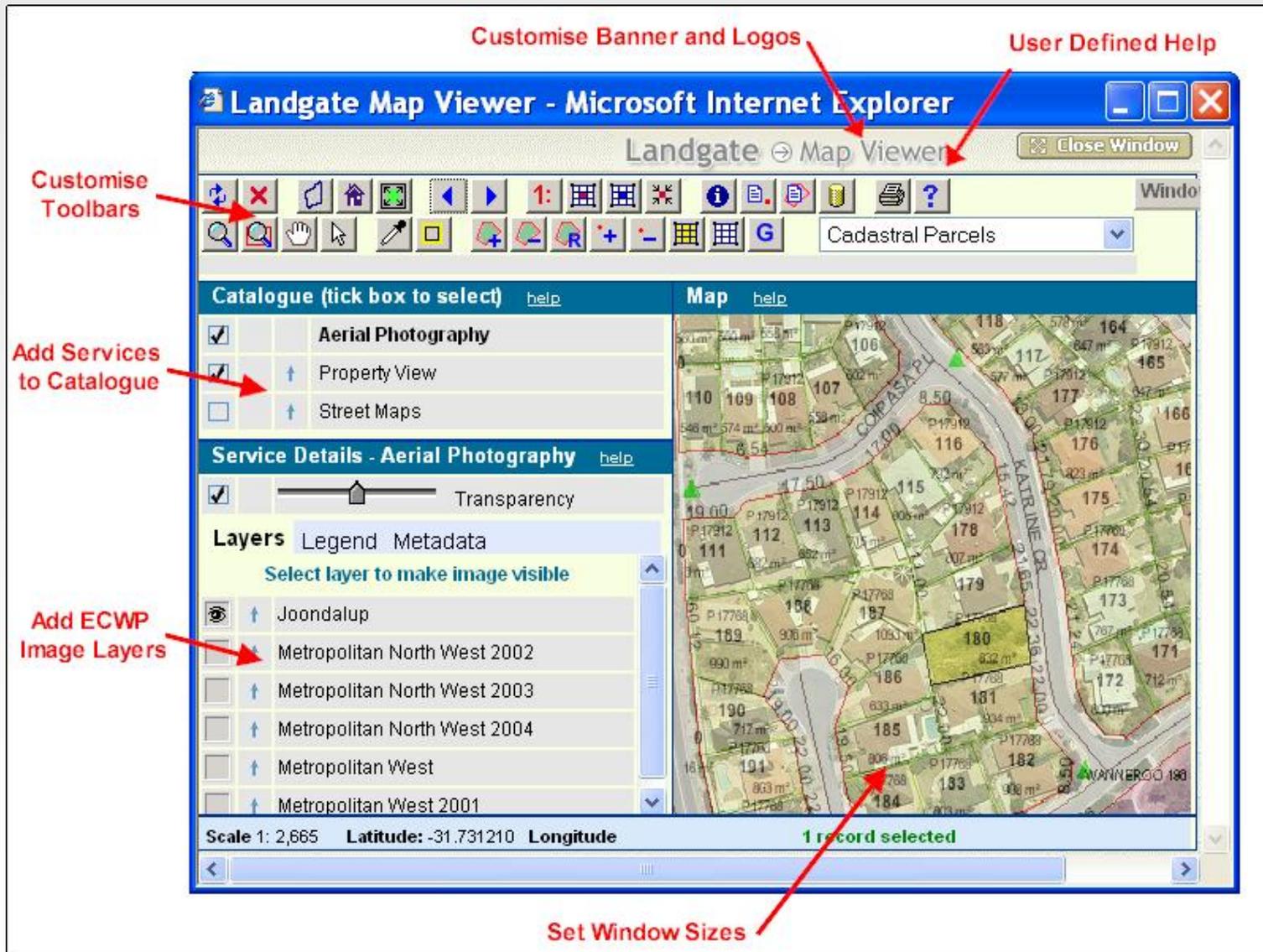Department of **Land Information**
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Your Enterprise Geospatial Imagery Solution

MapViewer Architecture

MapViewer Interface

SLIP – Portal Services

- Emergency Management – Fire and Emergency Services
- Natural Resources Management
- Register of Interests
- Land Development

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More Information

Come and see us at our booth

Thank You.

Some sites:

http://www.ermapper.com

http://www.demo.ermapper.com

http://www.landgate.com.au

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