

LandTracker is an intelligent, modern asset management system initially focused on protecting, managing and tracking mineral title compliance and agreements in Australia.

Unlike current systems on the market, LandTracker saves time and increases accuracy by automatically updating and auditing itself against government databases.

LandTracker is designed for and integrates with today's desktop environment and utilises secure communication technologies to deliver exceptional support services.

# **Key Features:**

## Innovative User Experience

- native Windows application
- pop out windows for modern multi-screen environment

## Set up and Maintain Asset Types

- generate and maintain asset schedules
- default library of asset templates, initially including Western Australia (WA) Tenements, Projects, Contacts & Programme of Works
- fully customisable asset templates
- new asset types available on request

### Import and Update Tenement Schedule

- import tenement schedule by searching for holder names
- minimise data entry by intelligently leveraging key government databases
- automatically import all WA tenement details from Mineral Titles Online (MTO)
- refresh tenement details from MTO and individual acceptance of changes
- import tenement (or other asset) schedules from MS Excel

#### Set up and Track Critical Actions

- default asset critical action template library
- action calculator tracks and reports critical compliance actions based on action template library (initially WA tenements)
- easily customise action checklists to reflect internal business processes
- set up custom actions repeatable across asset
- update and track progress of actions with audit trail

### **Edit Tenement Details**

- familiar MS Excel-like editing environment
- bulk editing capabilities to speed-up and reduce repetitive workload
- details pane for viewing and editing full asset details
- asset linking; parent and child records











### MS Office Integration

- desktop integration with Windows and MS Office
- export formatted data grids to MS Excel, Word and Outlook
- copy and paste to and from MS Excel, Word and Outlook
- import and export as XML files

# • LandTracker Maps Integration

- spatial representation of tenements
- view tenements in spatial context with all neighbouring tenements
- satellite view and tenement labels available

## • Database Replication

• synchronizing data between Microsoft SQL Server databases across a corporate firewall

# Security and Data Integrity

- SQL Server backend
- database replication
- secure, explicit company database
- backups
- inside firewall
- no loss of data with database replication providing automatic backup and data synchronisation for all users

#### Reporting

- customisable queries including:
  - Sorting
  - Filtering
  - Grouping
  - exporting

#### Support

- Tenement management Wiki providing a place to share and build a knowledge base on tenement management tasks and issues, across multiple jurisdictions and find key regulatory documents
- dedicated development and support team on call for training and support

### Managed Configuration Service

• Configuration and management of LandTracker can be performed by the client. However, LandTrack Systems upon request can manage the configuration on behalf of clients' and offers 3 tiers of managed configuration service.

### **Innovative User Experience**

Benefits: Native Windows application for better performance, security and desktop integration,

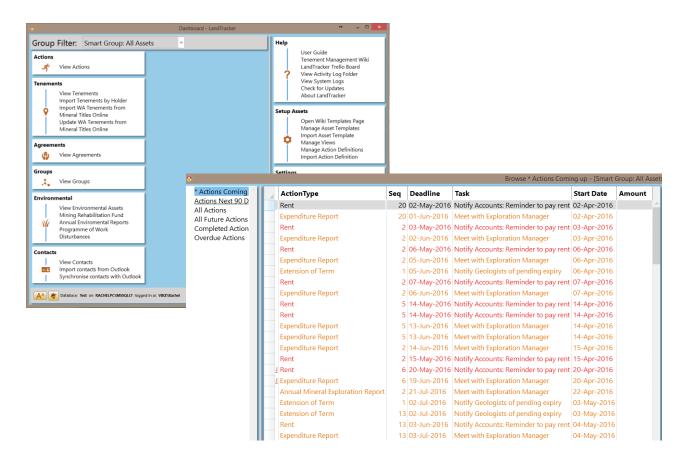
providing direct access to local files and share data between applications. LandTracker

can be operated without an internet connection e.g. in remote sites.

How: LandTracker is built using native Microsoft coding tools to replicate the more common

Windows user experience: Microsoft Office.

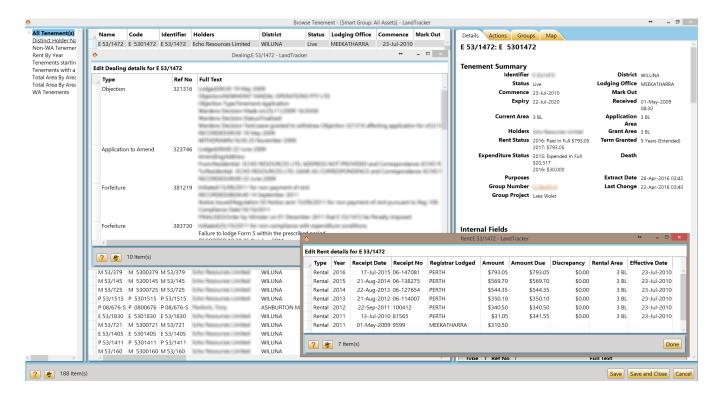
The simple dashboard allows users to navigate LandTracker, accessing asset modules as required:



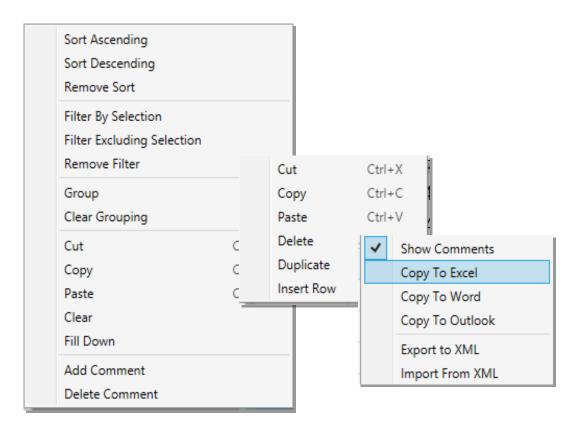
Visually informative design highlights Critical Actions.

Users will find much in common with familiar Microsoft Office products.

LandTracker takes advantage of the now common multi-screen/display environment, allowing multiple pop up resizable windows:



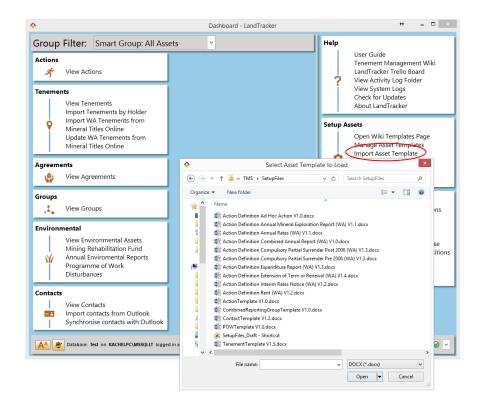
Context aware right click menus are provided:



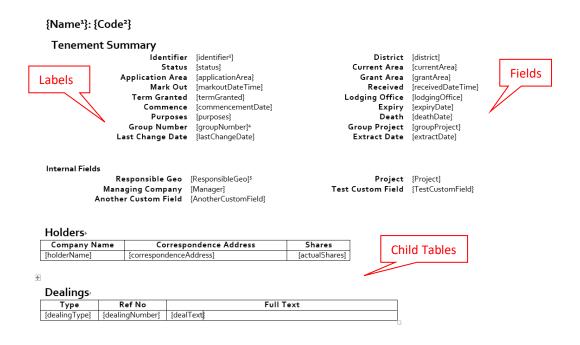
### Set up and Maintain Asset Types

Benefits: Mineral Titles and associated assets can be easily setup and customised by the using Asset templates libraries provided.

How: LandTracker provides a library of asset templates that can be customised and imported. LandTracker's unique document based templates allow users to edit the structure of each asset in a MS Word document.



Below is an example of the WA Tenement template:



Similar to a Mail Merge, the assets template defines the structure of the Asset by listing fields, names and child tables. Templates can be customised by adding new custom fields, changing labels and altering child table preferences. Once imported the template defines the structure of your asset within the database, creating the tables to hold your data and the forms to view and maintain asset details.

Currently LandTracker supports the following assets:

- WA and non-WA mineral titles
- Contacts
- Projects (including Combined Reporting Groups)
- Programme of Works

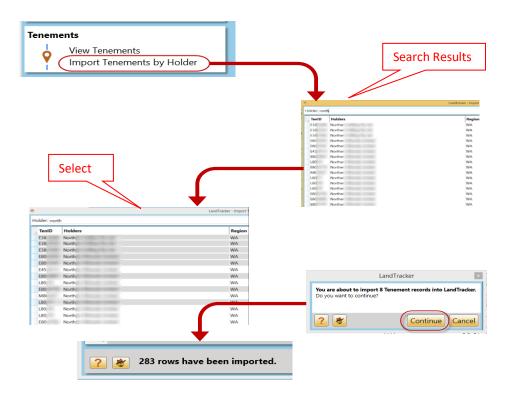
New asset are available on request.

## Import and Update Tenement Schedule

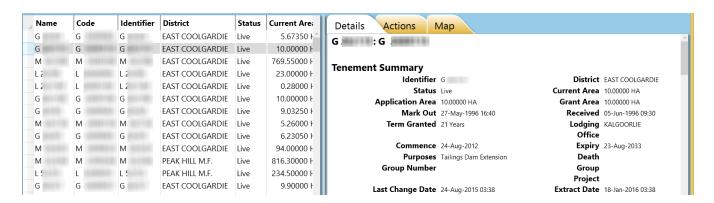
Benefits: Minimise data entry and errors by getting tenement details directly from MTO.

How:

Both WA and non-WA tenements can be imported as tenement assets. To set up your WA tenement portfolio use Import Tenements by Holder feature to search for Holder names (wildcard searches available):



All the selected tenements and full details have now been imported into the asset template:



All WA tenement details have been imported from MTO, therefore minimising setup and data entry errors. WA Tenement details can be refreshed from MTO on a regular basis, with change acceptance tracking.

LandTracker allows you to set up a tenement schedule by importing details from any systems that can export data in an MS Excel format. Once exported, the spreadsheet can then be formatted by defining column names and order and imported into LandTracker.

### Set up and Track Critical Actions

Benefits:

Asset compliance can be customised to track critical actions through the lifecycle of the asset. Once set up LandTracker's built in Action Calculator automatically generates all associated critical actions against appropriate asset types. The Action Tracker provides a means to view, track, report and sign off tasks, allowing work flow processes to be monitored and collaborated. Action templates define actions and customisable check lists, detailing associated start dates and deadlines.

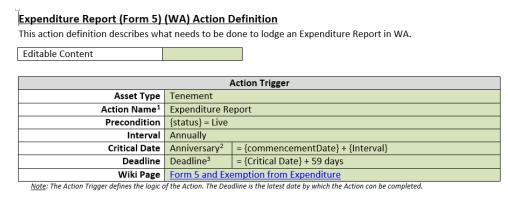
How:

The Action Tracker reports critical action deadlines and start dates for check list items, with informative colour coding providing a visual representation of urgency:

<b>♦</b>	Browse * Actions Coming up - LandTracker					
* Actions Coming up	Action	Deadline	Parent	Task	Start Date	
All Actions	Rent-5	02-Dec-2015		Pay Rent	18-Nov-2015	^
Completed Actions	Rent-5	02-Dec-2015		Pay Rent	18-Nov-2015	
Overdue Actions	Rent-5	17-Dec-2015		Pay Rent	03-Dec-2015	
	Rent-5	17-Dec-2015		Pay Rent	03-Dec-2015	
	Rent-5	22-Dec-2015		Pay Rent	08-Dec-2015	
	Expenditure Report-1	20-Feb-2016		Notify Accounts	12-Dec-2015	
	Expenditure Report-5	04-Mar-2016		Met with Exploration Manager	15-Dec-2015	
	Rent-5	31-Dec-2015		Pay Rent	17-Dec-2015	
	Rent-5	31-Dec-2015		Pay Rent	17-Dec-2015	
	Rent-5	31-Dec-2015		Pay Rent	17-Dec-2015	
	Rent-5	31-Dec-2015		Pay Rent	17-Dec-2015	
	Expenditure Report-1	13-Mar-2016		Met with Exploration Manager	24-Dec-2015	
	Expenditure Report-6	17-Mar-2016		Met with Exploration Manager	28-Dec-2015	
	Expenditure Report-5	18-Mar-2016		Met with Exploration Manager	29-Dec-2015	
	Rent-1	21-Jan-2016		Pay Rent	07-Jan-2016	
	Rent-5	03-Feb-2016		Pay Rent	20-Jan-2016	
	Rent-1	12-Feb-2016		Pay Rent	29-Jan-2016	
	Rent-6	16-Feb-2016		Pay Rent	02-Feb-2016	
	Expenditure Report-1	22-Apr-2016		Met with Exploration Manager	02-Feb-2016	
	Expenditure Report-1	22-Apr-2016		Met with Exploration Manager	02-Feb-2016	~

LandTracker provides a Critical Action template library, which can be imported and customised to suit internal business processes.

This is an example of an Action Template which defines and describes the action and a list of associated tasks to be completed:



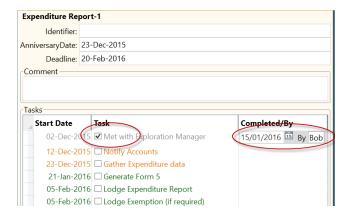
Applies To					
Jurisdiction	Sub Type	Version			
WA	Exploration Licence	Pre 2006			
WA	Exploration Licence	Post 2006			
WA	Prospecting Licence				
WA	Mining Lease				
WA	Special Prospecting Licence				

Task List				
Description	Days Needed Before Deadline			
Meet with Exploration Manager	60d			
Notify Accounts	59d			
Gather Allowable Expenditure data	59d			
Check to see if there is drill data from Database Geologist	59d			
Generate Expenditure Report	30d			
Lodge Expenditure Report	15d			
Lodge Exemption (if required)	14d			
Exemption Application Fee required from accounts	14d			
Verify Form 5 Lodged on MTO	7d			
Lodge Statutory Declaration (if required) (r.54(3))	-28d from [Lodge Exemption Date]			

The 1<sup>st</sup> task on the check list and its associated Start Date, is reported in the Action Tracker. This can be checked off when completed and time stamped by the responsible person:



An Audit trail is provided as tasks are checked off by responsible parties:



#### **Edit Tenement details**

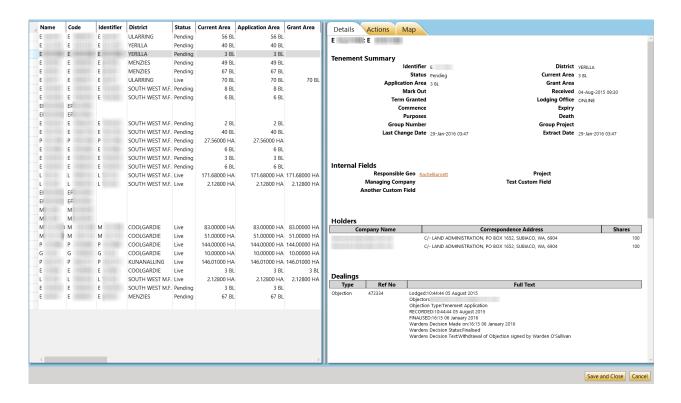
Benefits: MS Excel-like interface, with familiar editing capabilities allowing for bulk editing and

reduced repetitive workload.

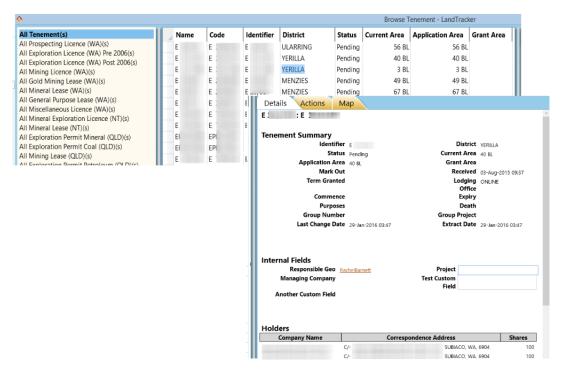
How: LandTracker provides a unique editing environment in the form of an MS Excel-like data

grid which is linked to a details pane for full viewing. All fields are by default editable in

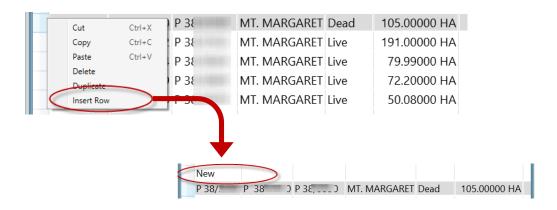
both the data grid and the detail pane:



Both the data grid and details pane can be easily edited using familiar editing functions:



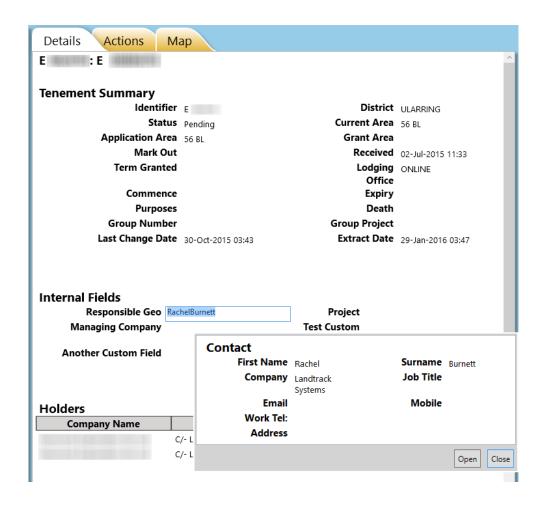
New assets can be added in the data grid:



Assets can be linked in a parent/child relationship, for example where a Geologist is responsible for the management of multiple tenements. LandTracker provides lookups and autocompletes:

Last Change Date	Extract Date	Responsible Geo	Project	r
15-Jan-2016 04:03	25-Jan-2016 04:16	MikeSmith		
03-Nov-2015 03:55	25-Jan-2016 04:05	MikeSmith		

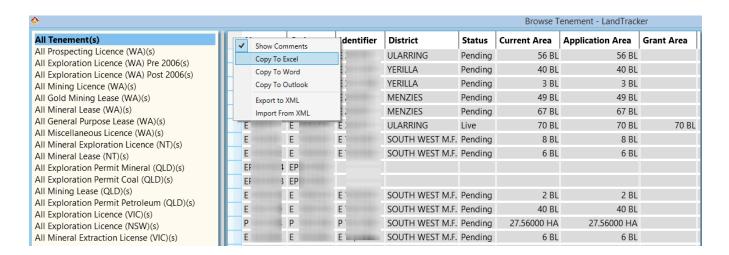
Once assets have been linked, the related details can be viewed:



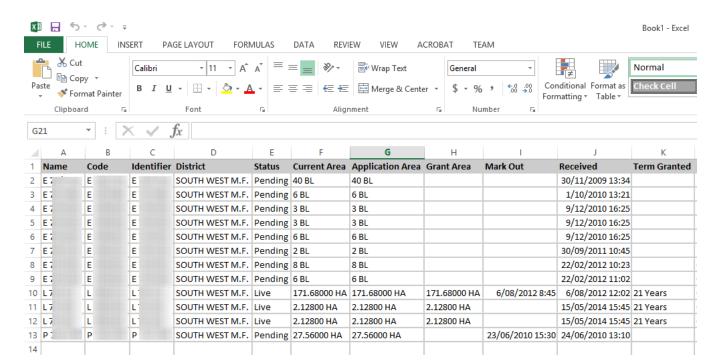
## **MS Office Integration**

Benefits: Easily build reports and share data through MS Office.

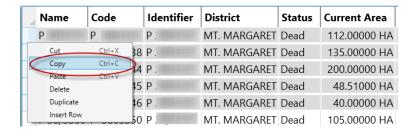
How: Using familiar right click menus, data can be exported to MS Office using the Copy to Excel, Word or Outlook feature or by using cut/copy and paste.



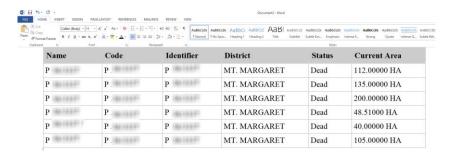
The resulting data can be used within MS Excel:



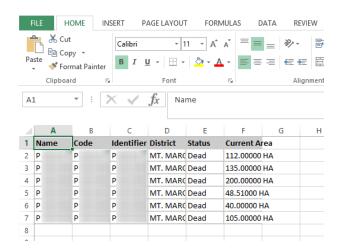
The content of a sorted and filtered data grid can be exported by highlighting the data grid and choosing Copy and then Paste to MS Excel, Word or Outlook:



#### Paste in MS Word:



#### Or MS Excel:



Reports can be exported as XML, which can be used as means to import other applications/systems.

# **LandTracker Maps integration**

Benefits: Direct integration of spatial representation of tenements using LandTracker Maps. Using

satellite overlay, surrounding tenements and labels, project maps for meetings, reports

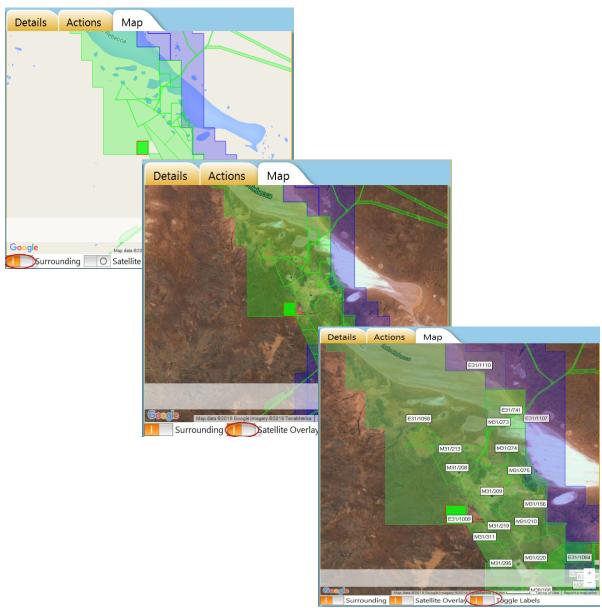
and presentations can be prepared.

How: By selecting a tenement and viewing the Map tab, any tenement can be viewed spatial

and in context with surrounding tenements:

Toggle between viewing individual tenements or projects by switching on and off surrounding tenements.

Easily toggle between Google Maps and a satellite view. Tenement labels can also be toggled on and off.



## Database Replication, Integrity, Security and Support

Benefits:

High level of security, rapid support and inbuilt backups to minimise data loss are automatically provided with LandTracker replication.

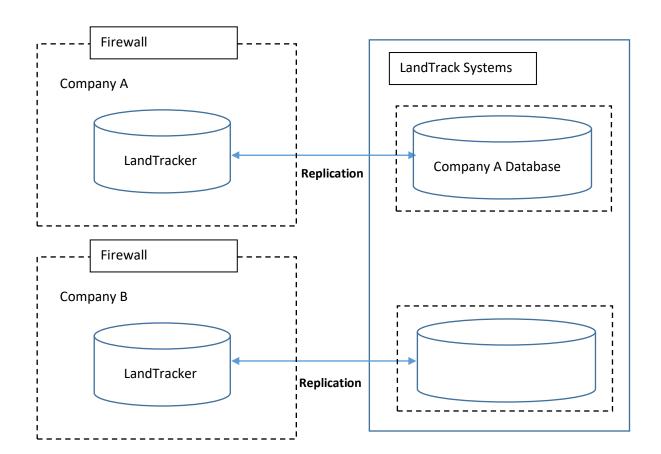
How:

All users will have explicit access and permissions to company databases via a secure SQL Server using a username and password.

Changes made to your data are replicated to LandTrack Systems' own secure data storage service, which ensures a complete, up to date recovery service.

Regular health checks can be performed by LandTrack Systems ensuring data integrity and rapid technical support and training.

Multiple site licences are supported providing secure remote access in both online and offline mode.



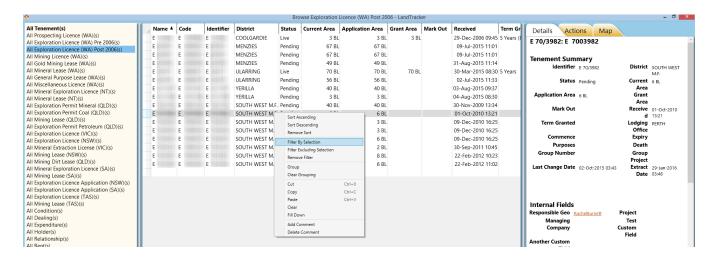
## Reporting

Benefits: LandTracker can be used as a collaborative reporting tool allowing flow of information

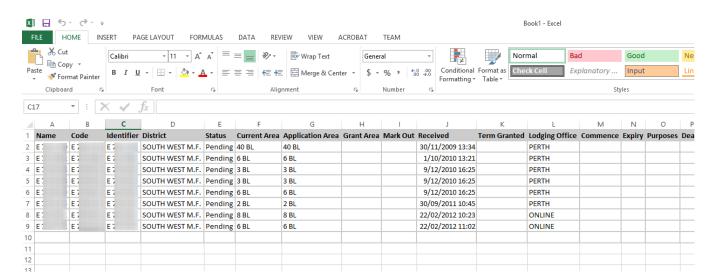
between business departments.

How: Using the data grid provided and assigning customisable views, data can be viewed

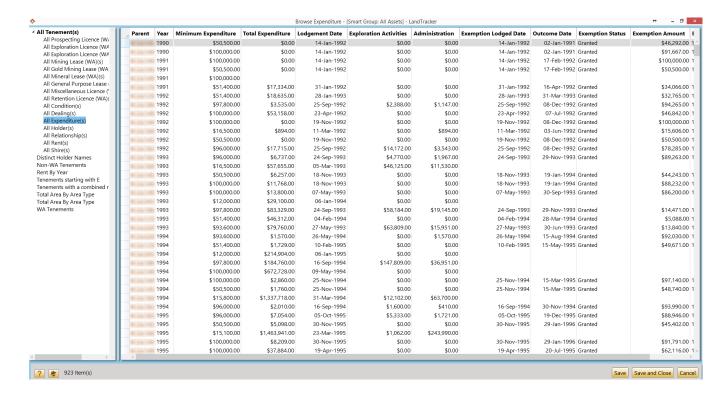
within LandTracker and exported for reporting.



Once sorted and filtered, the data can be reported/exported to MS Excel.



# Using the View Panel, standard reports can be viewed and exported:



LandTrack Systems can generate custom reports.

### **Support**

Benefits:

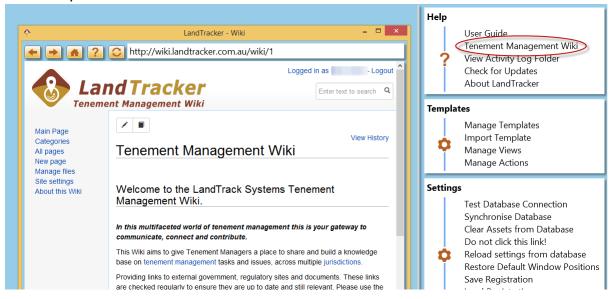
LandTracker is designed to increase productivity, which in the current economic environment provides a competitive edge to any business. The software is specifically written to provide immediate, context sensitive support and training.

How:

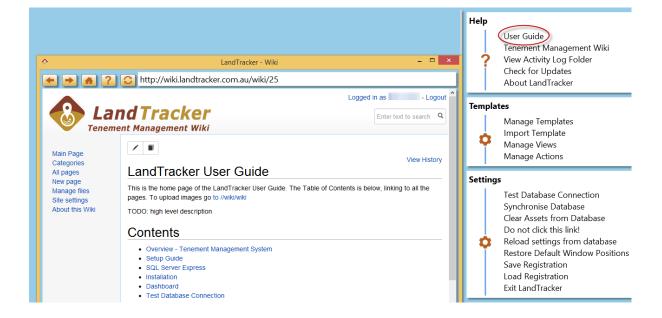
LandTracker provides access to a ground breaking Tenement Management Wiki, a place to share and build a knowledge base on tenement management tasks and issues, across multiple jurisdictions.

The Wiki also provide a context sensitive User Guide.

The Wiki is a combined knowledge base of tenement management from across LandTrack Systems' user community:



The User Guide can be accessed from the dashboard:



### **Managed Configuration Service**

Benefits:

Currently the configuration and management of LandTracker can be performed by the client however the benefit of the Managed Configuration Service is that the configuration and management can be a service performed by LandTrack Systems.

How:

LandTrack Systems can manage the configuration on behalf of clients' and offers 3 tiers of managed configuration service.

This service includes the following configuration items: Asset Templates, Action Definitions, Views and Report Templates

- Silver includes up to 2 hours/month of:
  - Ongoing maintenance of existing configuration items as new features are added or as impacted by improvements in LandTracker
  - Minor changes to existing configuration items (at client's request)
- Gold includes up to 4 hours/month of:
  - Everything in Silver
  - Creation and management of new configuration items
- Platinum includes up to 1 day/month of:
  - Everything in Gold
  - Monthly onsite consultation for all configuration, support and training requirements

# About LandTrack Systems

LandTrack Systems is an Australian owned company based in Perth established in 2004 developing innovative web based applications to address the needs of the Australian mining industry. We have developed a reputation for innovation, reliability, quality and support. Our client base spans major mining companies to junior explorers.

Our first product, Mineral Titles Audit was released in 2005 and is being used by most mining companies and consultancies in WA to assist with their tenement compliance and land acquisition activities. In 2006 Tenement Safety Net was released, providing an independent report of tenement critical actions with up-to-date information on compliance status. In 2007 we developed Expenditure Watch to help track expenditure commitments, using existing accounting and tenement databases. Then came Geo Search in 2008, marking the start of a family of GIS based applications providing automated exploration intelligence. In 2012 we developed a free Google Maps based app called LandTracker Maps enabling users to view tenements across Australia. Our latest development LandTracker, will be an asset management system that tracks and manages Mineral Title compliance and agreements.

#### **Contact**

For more details or to book a demo please contact us:

sales@landtrack.com.au 1300 659 454

