



flexicadastre

Governance - Risk - Compliance

Advanced Searching and Reporting

*FlexiCadastre NAM Regional User Conference, Denver
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spatial dimension

Searching

Licenses > Search New Search

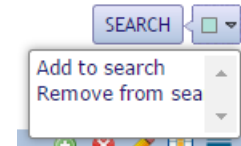
Code:	<input type="text"/>	Jurisdiction:	<input type="text"/>	Status Group:	<input type="text"/>	SEARCH <input type="button" value=""/>
Name:	<input type="text"/>	Type Group:	<input type="text"/>	Status:	<input type="text"/>	
Party:	<input type="text"/> X	Type:	<input type="text"/>	Saved Searches:	<input type="text"/>	less...
<input type="checkbox"/> Include indirect licenses through shareholding		Interest:	<input type="text"/>	Application Number:	<input type="text"/>	
Map Reference:	<input type="text"/> X	Commodity:	<input type="text"/>	Region:	<input type="text"/>	
Has Shape:	<input type="text"/>	Reference Code Type:	<input type="text"/>	Responsible Office:	<input type="text"/>	
Group:	<input type="text"/> X	Reference Code:	<input type="text"/>	Condition Type:	<input type="text"/>	
Agreement:	<input type="text"/> X	Comment:	<input type="text"/>	Condition Description:	<input type="text"/>	
Related License:	<input type="text"/> X	Party Type:	<input type="text"/>	On Hold:	<input type="text"/>	
User:	<input type="text"/> X	Role:	<input type="text"/>	Include Archived:	<input type="checkbox"/>	


Dates: Absolute Relative



Filter using another search:

Add To and Remove From Search

- Add to or Remove from Search next to Search box
- Add To Search
 - Must have run a search already
 - Search keeps adding to results
 - If repeat the add with the same criteria, doesn't add the data twice but will show same criteria twice in Search Description



This search has multiple search parts. Only search criteria of last search part are displayed. Show search summary. 

Code:	<input type="text"/>	Jurisdiction:	<input type="text" value="Mexico"/>	Status Group:	<input type="text"/>	<input type="button" value="SEARCH: ADD"/>	
Name:	<input type="text"/>	Type Group:	<input type="text"/>	Status:	<input type="text"/>	<input type="button" value="more..."/>	
Party:	<input type="text"/>	Type:	<input type="text"/>	Saved Searches:	<input type="text"/>		

- Remove From Search
 - Must have run a search already
 - Search keeps removing from results
- BOTH can be saved and used in search grids on the home page, for reports etc.

DEMO

Filter using another search

What is 'Filter using another search'?

- This allows you to restrict your search results to those that match results from another search.
- For example: Restrict an Action Search to only actions that are linked to Licenses in the results of a License Search.

What is a Circular Reference?

- If you cause a search to filter itself, you create a circular reference.
- This can happen indirectly, if search 'A' points to search 'B', while search 'B' points back to search 'A'.
- FlexiCadastre will prevent you from using any search that would create a circular reference.

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Filter using another search

Use Cases:

- With Related Agreements

Example:

- I want to find all Licenses that are subject to a JV Agreement in SSK.
- Save a search of all JV Agreements
- Search all licenses in SSK and use saved Agreement Search as a filter.

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Filter using another search

Use Cases:

- Within Licenses – allows you to filter out a subset of licenses within a current license set.

Example:

- Saved search of all licenses expiring next 90 days.
- Saved Search of BC & ON Licenses (complex search)
- **MUST USE** the complex search as the Filter search

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Filter using another search

Use Cases:

- With Parties (People or Companies)
- Restricted to a Party Type (optional)
- Within a particular Saved Search dataset

Example

- Find all active License in Saskatchewan (main search)
- With party type = owner
- Where owners are US Registered companies

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Questions



Reporting



Agreement Chart Report

Similar to the License Chart Report

Bar or Pie Charts of

- Agreement Counts
- Total area

Grouped By

- Type, Sub-Type
- Groups (e.g. Project)
- Key dates (aggregated by days, months, quarters, years)

Optional Accompanying Table

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SQL Server Reporting Services

Recap

- Reports available both within and external to Flexi
- More flexibility
- Don't require service packs to deploy
- Better rendering
- Authorization coming soon

DEMO

Using the system SQL Data Views

Requirements:

- Read access to the SQL Database
- ODBC Connection
- Application to consume the data (e.g. Excel, Access, ArcGIS)

Numerous Available Views

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Custom SQL Data Views

Custom View requirements:

- SQL knowledge
- Knowledge of Flexi Data model
- Spatial can write scripts to create data views on client servers
- Requires locally maintained copy of the client database

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Template Reports with Embedded Maps

Uses selected map print template

Following optional settings:

Format	Description
Colour	The colour in which the shape should be drawn. It should be the Red, Green and Blue values in hexadecimal, e.g. FF0000. Each one of the RGB components should be zero padded to two digits.
Draw Shape	Draw the shape on the map. Value can either be 'True' or 'False'
Hide Layers	Value can either be 'True' or 'False' e.g. <<License Shape Image Hide Layers:True>>
Label Code	Display the 'Code' in the shape label. Value can either be 'True' or 'False' e.g. <>
Label Font Colour	Colour of the font used for the shape label. Values must be the Red, Green and Blue values in hexadecimal, e.g. FF0000. Each one of the RGB components should be zero padded to two digits.
Label Font Name	Name of the font to use for the shape label.
Label Font Size	Size of the font used for the shape label. Values must be a positive integer.
Label Font Weight	Weight of the font used for the shape label. Values must be 'Bold' or 'Normal'.
Label Name	Display the 'Name' in the shape label. Value can either be 'True' or 'False' e.g. <>
Label Vertices	Draw the vertex numbers on the map. Value can either be 'True' or 'False'
Map Print Template	The name of a map print template to use in the background (cannot be used in conjunction with the Map Service option)
Map Service	Value should be a map service name e.g. <<License Shape Image Map Service:Template Service>>
Thickness	Value should be a positive integer indicating the thickness in pixels to draw the shape with.
Zoom Factor	Either a number, the factor by which the map should be zoomed out, or "None" to retain the scale set in the Map Print Template ("None" cannot be used with the Map Service option).

DEMO - Custom Agreement Template Report

Database Views in Excel

Database views can be consumed in Excel

Requires necessary authorisation to connect to views

- Published Report Views
- Custom Views

Setup a stored connection to database

- Database specific
- Table specific

Data and charts etc are automatically updated

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Database Views in ArcMap

Database views can be consumed in ArcMap

Requires necessary authorisation to connect to views

Setup an odbc connection to database

Tables are automatically updated

Tables can be linked to feature classes to get business data onto the shapes

Attributes can be used for visualization and labelling

DEMO

Questions

