



*Business Intelligence:
External Reporting Services with FlexiCadastre*



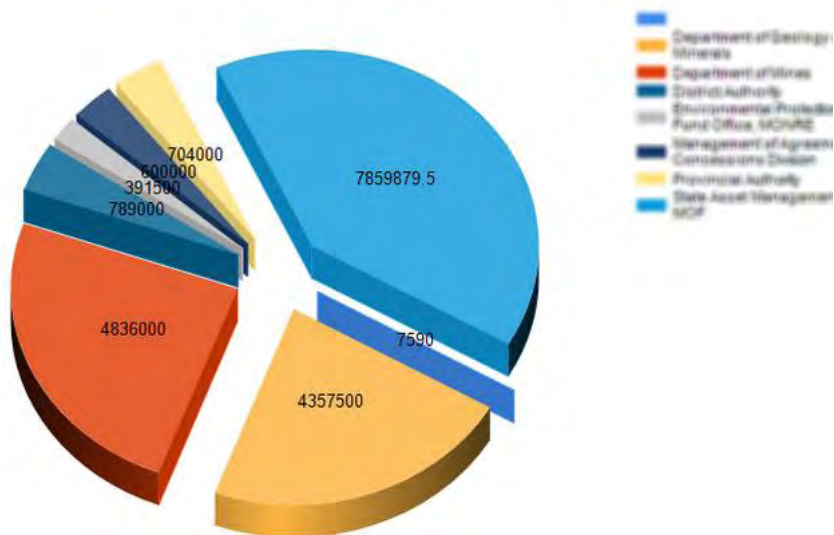
*FlexiCadastre EMEA Regional User Conference, Cape Town
February 13th – February 14th, 2015*



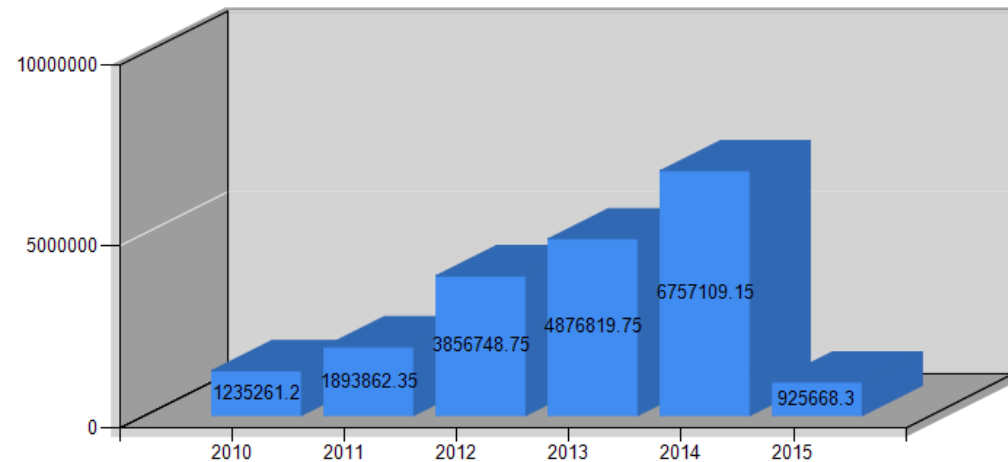
What is Business Intelligence?

- **Business intelligence (BI)** is the set of techniques and tools for the transformation of raw data into meaningful and useful information for **business** analysis purposes.

Payments Received in the last 5 years by Department

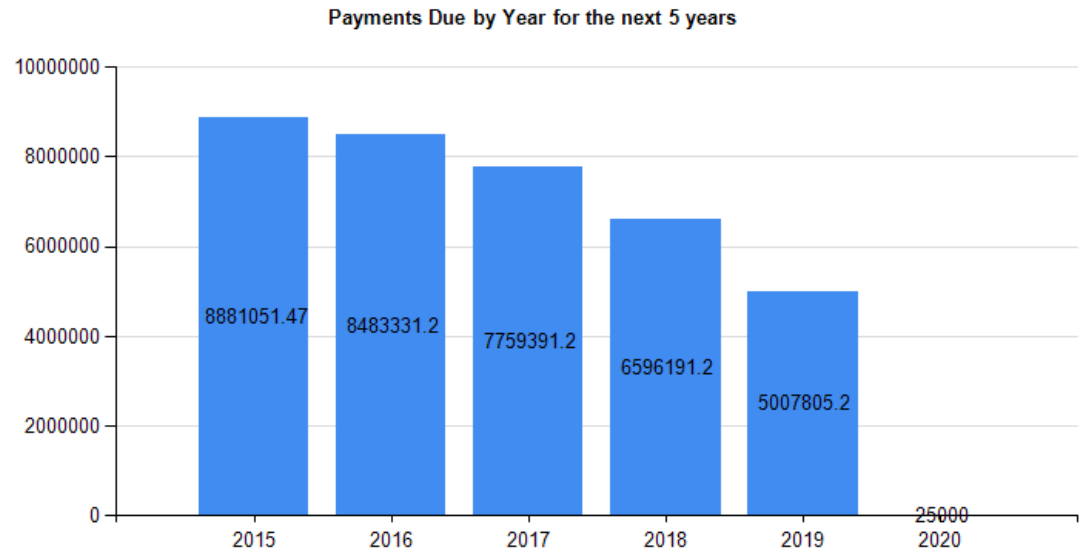


Payments Received by Year for the last 5 years



External Reporting Services with FlexiCadaastre

- Introduction
- Technical Overview
- Report Views
- SSRS
- Available in 5.4
- Demo
- Still to come



Introduction

- Current Reporting Issues
 - Rigid
 - Only through FlexiCadaastre
 - Service pack needed
- Reporting & Data Consumption for the future
 - For Non-FlexiCadaastre users
 - Through Non-FlexiCadaastre interfaces
 - Users to design and deploy their own reports

Technical Overview

- Access to FlexiCadastre data needed
- Denormalised views

Raw Data

	idLicense	strLicenseCode	guidLicense Type	intLicenseStatus	guidResponsibleOffice
1	55106F26-F600-4346-915A-6EE8BCFE3D03	SG Holes	26197AF9-CD8C-478F-A2BC-B0D8AE9E1C55	11	A77BD136-00F3-4837-9076-D368BEEF05FA
2	09649653-A9CD-4984-BFA8-B195CD304923	OAK-001	487A83E9-1084-4071-BFEB-357653B1F259	34	NULL
3	B9964965-F893-492C-85AC-C3CE92723FB0	41661	AB3483D1-475A-48F0-BB43-453FDFBFC5A1	45	741C7D6B-E90E-48AC-8BBA-7781A2FC395F
4	B3021376-38F2-4F68-815B-FF009615A850	41662	AB3483D1-475A-48F0-BB43-453FDFBFC5A1	45	741C7D6B-E90E-48AC-8BBA-7781A2FC395F

Report View

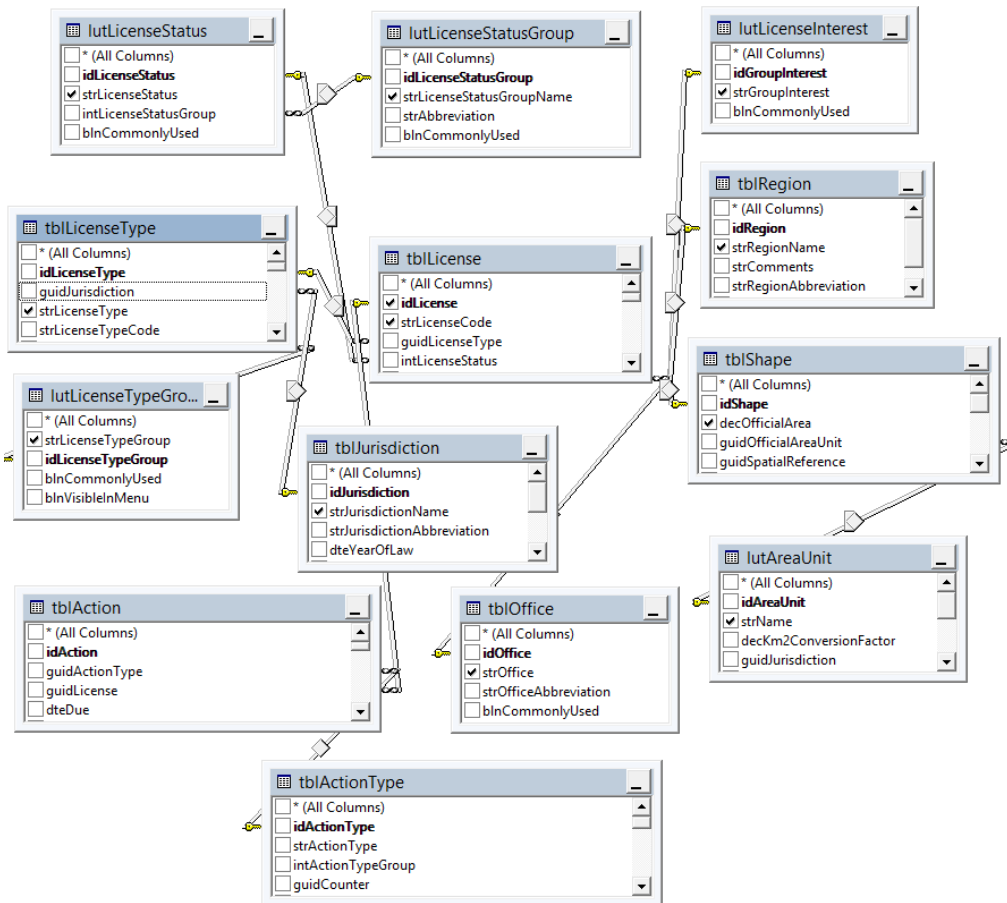
	License Code	License Name	Jurisdiction	License Type Group	License Type	License Status Group	License Status	Application Date
1	1701321577	CV RB SUH; ROBERTS 29	United States	Oil & Gas Wells	O&G Well	Active	Active	2038-10-16 00:00:00.000
2	1701321809	CV RB SUB; HARPER 28	United States	Oil & Gas Wells	O&G Well	Active	Active	2040-11-28 00:00:00.000
3	OAK-005		United States	Wind	Wind Turbine	Active	Active	2045-09-03 00:00:00.000
4	03-029-10575-00-00	SEECO 10575	United States	Oil & Gas Wells	O&G Well	Active	Active	NULL



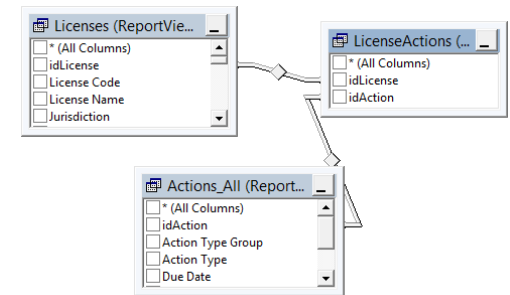
Technical Overview

- Usable with a basic understanding of relational databases

Before

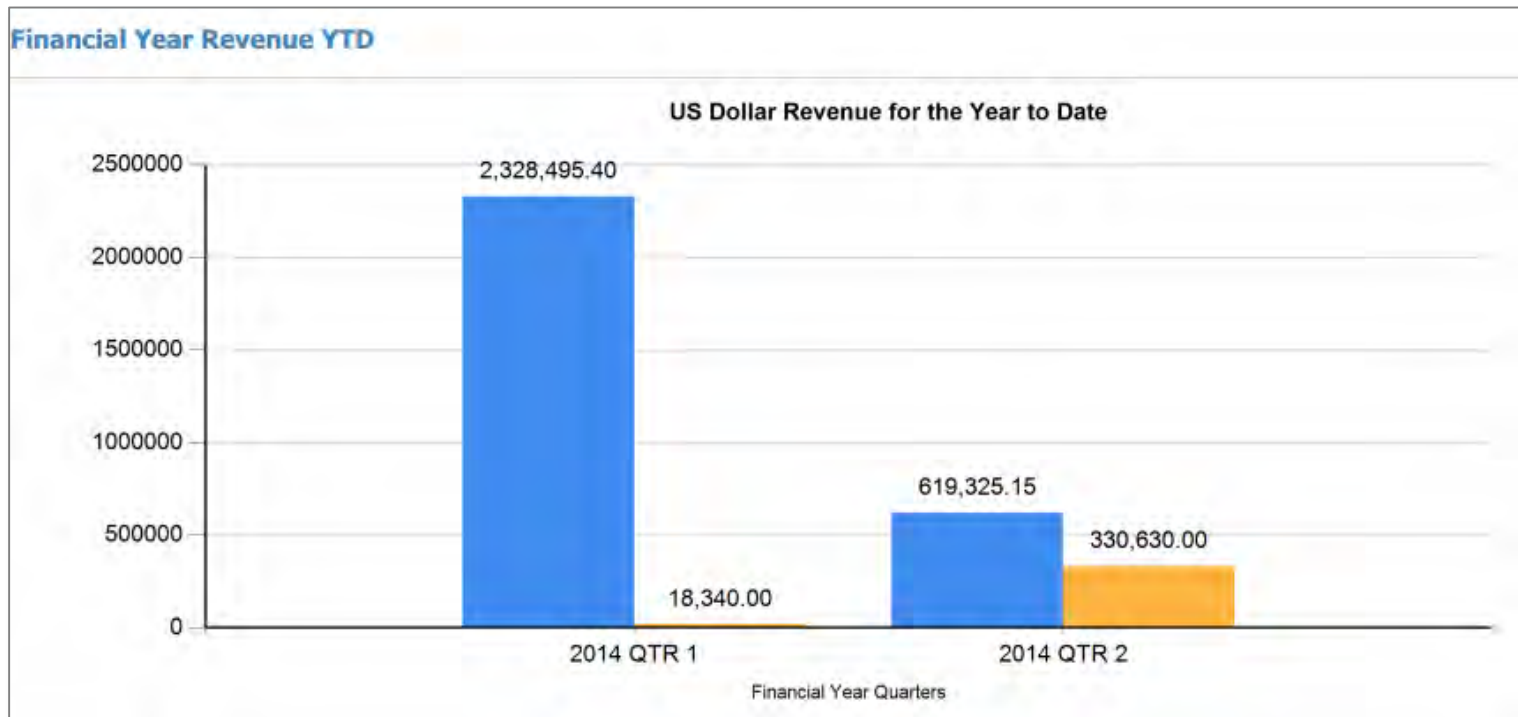


After



Report Views

- Changes to views - only when critical
- Changes to views described in release notes



SSRS

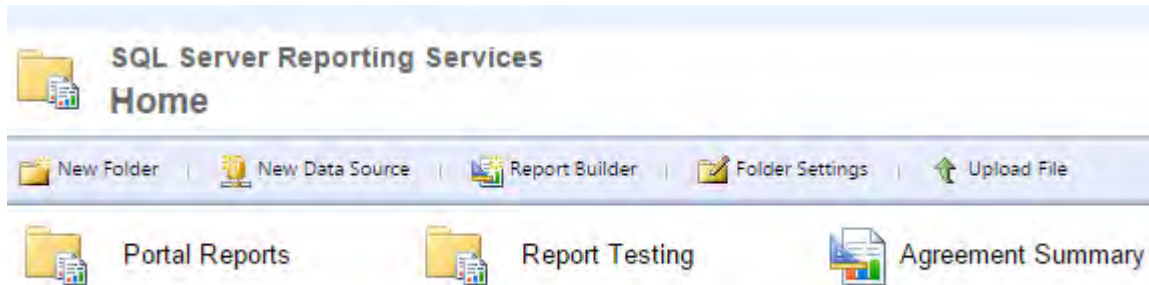
- SSRS is highly recommended by Spatial Dimension
 - Licensing is handled within your current SQL Server license
 - Ease of use aids productivity
 - Spatial Dimension staff are highly skilled in SSRS
 - Leverage existing Windows environment and authorisation
 - Reports are shareable via a URL



Microsoft®
SQL Server®
Reporting Services

SSRS

- Within SSRS interface you can
 - Deploy reports
 - View reports
 - Change reports



SSRS

- Rendering options

Home > Report Testing > Tanzania > Licenses_Matrix_Current_Year

1 of 2 ? 100% Find | Next

Quarterly Licence Analysis - Current Year

	July - Sept 2014(QTR 1)				Total
	Division A	Division B	Division C	Division D	
1 New Applications	300	8	2,288	0	2,596
2 Renewal Applications	15	0	196	1	212
3 Offers Printed	273	24	0	0	297
4 Offers Issued	280	1	2	0	283
5 Rejections printed	44	29	498	9	580
6 Rejections Issued	4	23	2	7	36
7 Licences Printed	1,395	1	1,330	0	2,726
8 Licenses Granted	8	0	0	0	8
9 Tender Applications Processed	51	0	0	0	51
10 Expired Licenses	106	8	580	1,356	2,050
11 Licences Surrendered	29	0	1	0	30
12 Licences Cancelled	0	0	240	1	241



Available in 5.4

- Launching of SSRS reports from within FlexiCadaastre

Claims > Search

Code:

Name:

Party:

Search returned 6 results (0.0000 Ha ▾)

All	Map	Code	Name	Parties	Ju
<input checked="" type="checkbox"/>		68366	68366	Fanuel Kharuxab (100.00%)	Na
<input checked="" type="checkbox"/>		68367	68367	Fanuel Kharuxab (100.00%)	Na
<input checked="" type="checkbox"/>		68368	68368	Fanuel Kharuxab (100.00%)	Na
<input checked="" type="checkbox"/>		68369	68369	Fanuel Kharuxab (100.00%)	Na
<input checked="" type="checkbox"/>		68370	68370	Fanuel Kharuxab (100.00%)	Na
<input checked="" type="checkbox"/>		68371	68371	Fanuel Kharuxab (100.00%)	Na

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Report Schema Search - Internet Explorer

http://ser06-servm1.spatial.local/FlexiCadaastreBATestNamibia/ReportSchemaSearchPopup.aspx?ctlID=Lice

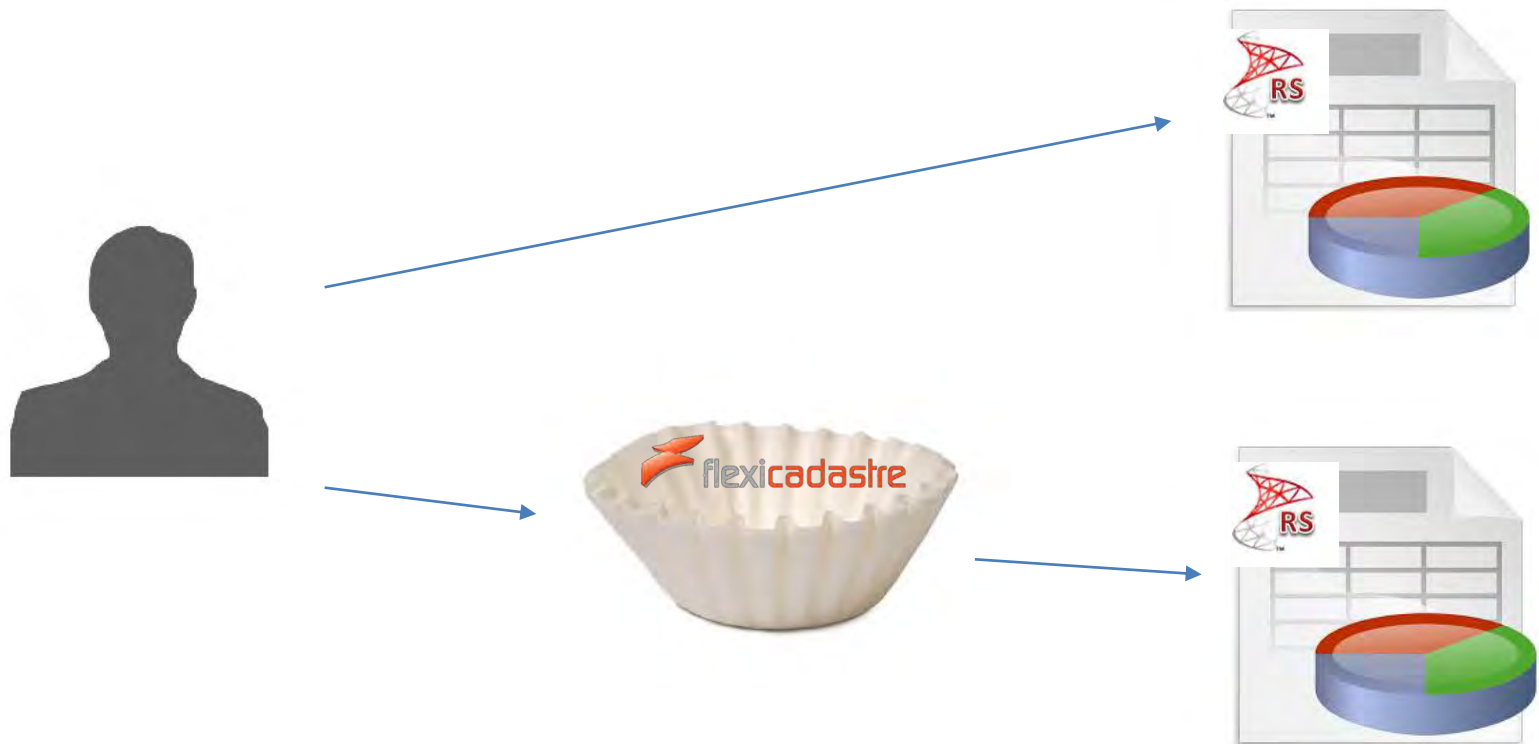
Select a Report Schema

There are 10 Report Schemas in the list.

Report Schema	Description	Search Type
License Brief		License Search
License Chart	License Chart	License Search
License Contacts	Generic: License Contacts	License Search
License Details		License Search
License List		License Search
License Reference Code Report EXCEL	License Reference Code Report EXCEL	License Search
Mining Claim Renewal Document		License Search
Mining Claim Title Document		License Search

Available in 5.4

- User's authorisations are applied to a report (BETA 5.3.1)
- User's searches are applied to a report (BETA 5.3.2)



Demo

- Excel
- SSRS Report Builder

Still to come

- SSRS Report distribution
- Report Options
- Home Page customisation using SSRS Reports
- Cubes
- SharePoint web parts



Thank You

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spatial dimension