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Governance - Risk - Compliance

Business Intelligence:
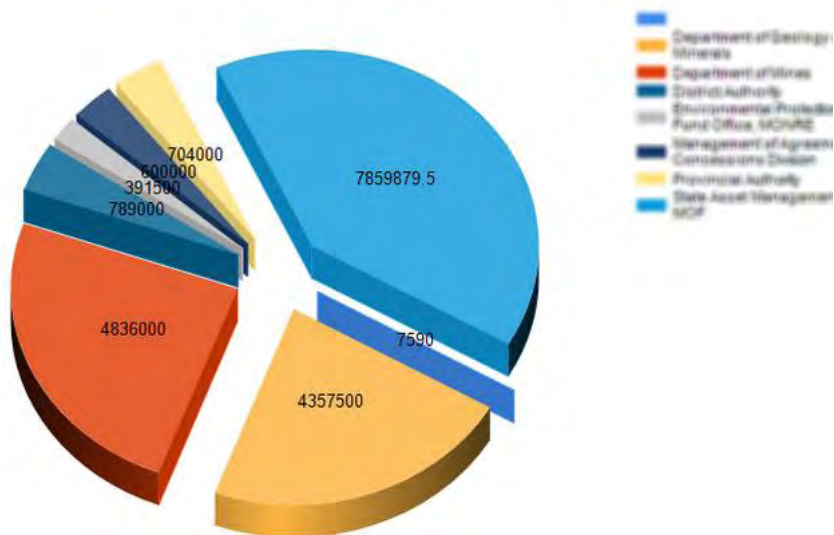## *External Reporting Services with FlexiCadastre*

FlexiCadastre EMEA Regional User Conference, Cape Town
February 13th – February 14th, 2015
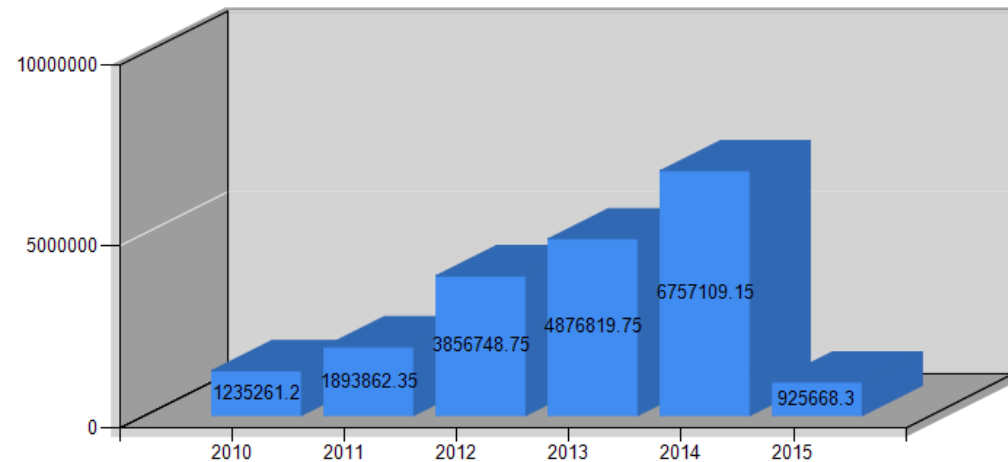
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What is Business Intelligence?

- **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.

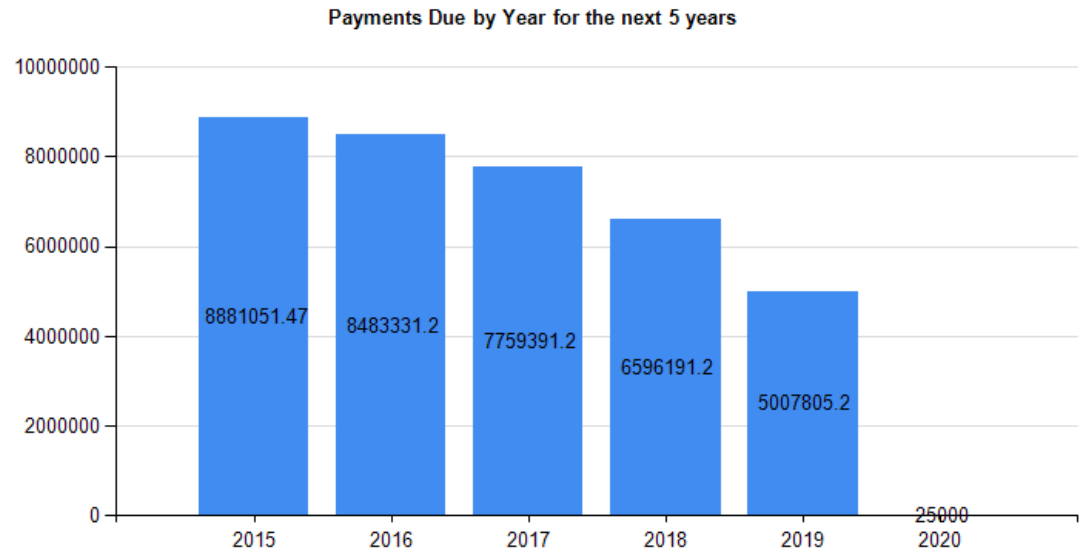Payments Recevied in the last 5 years by Department

Payments Received by Year for the last 5 years

External Reporting Services with FlexiCadastre

- Introduction

- Technical Overview

- Report Views

- SSRS

- Available in 5.4

- Demo

- Still to come

Payments Due by Year for the next 5 years

2015	8881051.47	
2016	8483331.2	
2017	7759391.2	
2018	6596191.2	
2019	5007805.2	
2020	25000	

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Introduction

- Current Reporting Issues
  - Rigid
  - Only through FlexiCadastre
  - Service pack needed

- Reporting & Data Consumption for the future
  - For Non-FlexiCadastre users
  - Through Non-FlexiCadastre interfaces
  - Users to design and deploy their own reports

Technical Overview

- Access to FlexiCadastre data needed

- Denormalised views

Raw Data

|	idLicense	strLicenseCode	guidLicenseType	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-BB43-453FDFFBC5A1	45	741C7D6B-E90E-48AC-8BBA-7781A2FC395F
4	B3021376-38F2-4F68-815B-FF009615A850	41662	AB3483D1-475A-48F0-BB43-453FDFFBC5A1	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

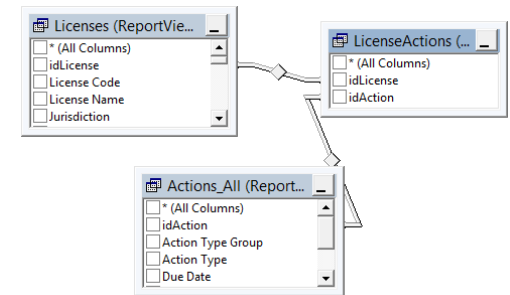flexicadastre

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Technical Overview

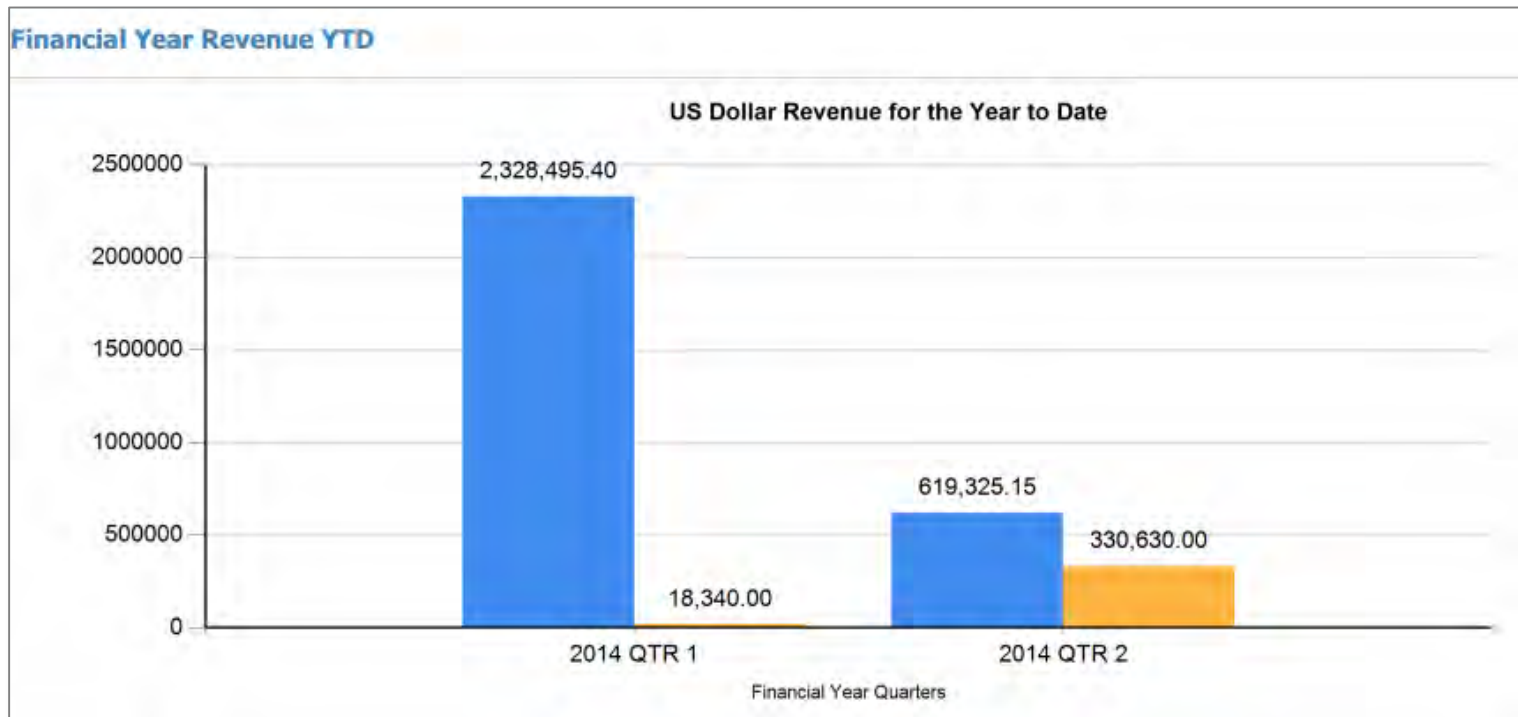- Usable with a basic understanding of relational databases

Before
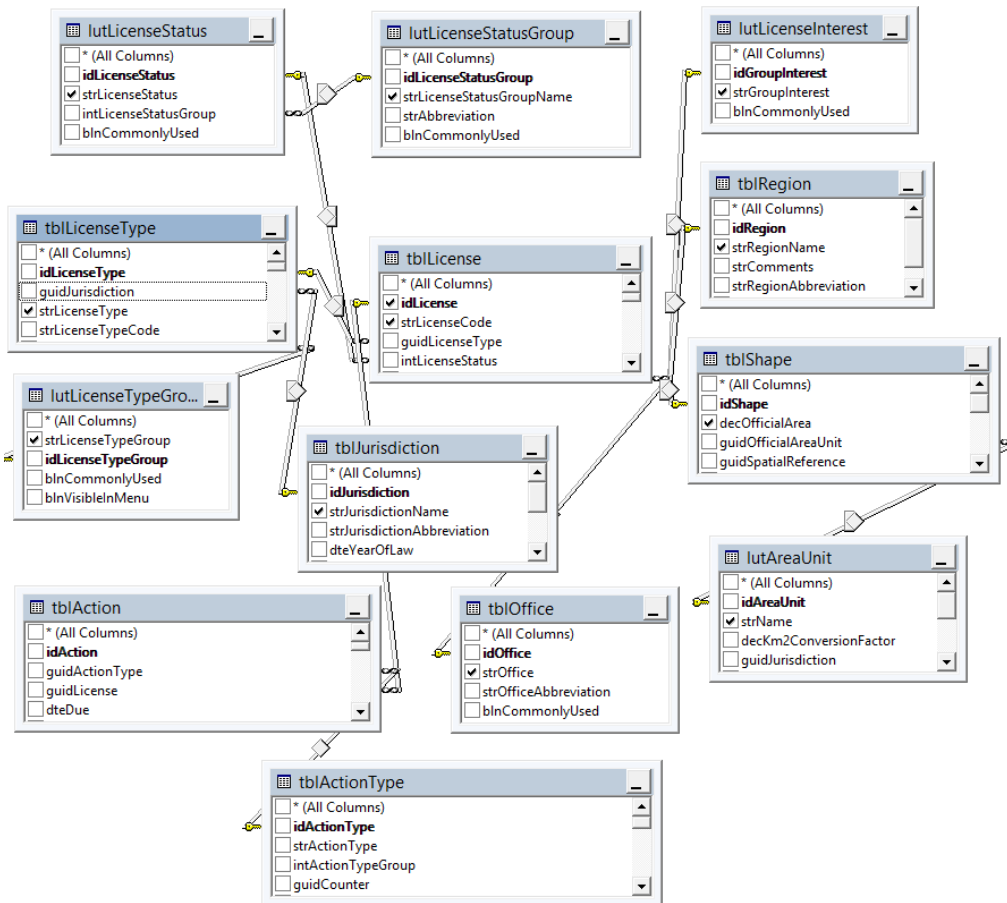
After

Report Views

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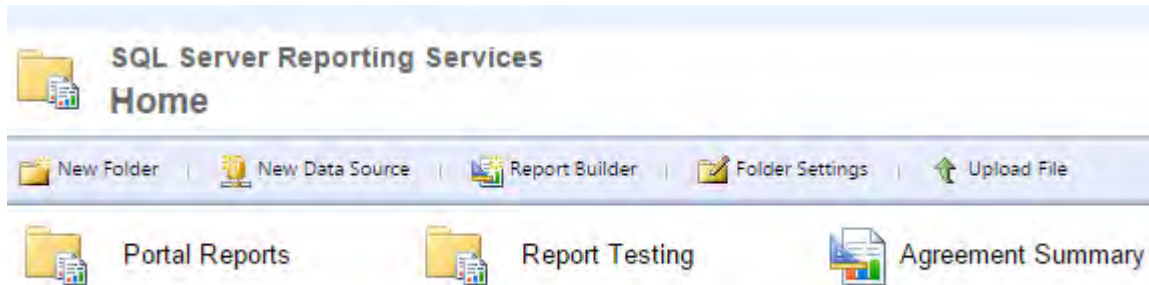- Changes to views described in release notes

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

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SSRS

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

SSRS

- Rendering options

Available in 5.4

- Launching of SSRS reports from within FlexiCadastre

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)
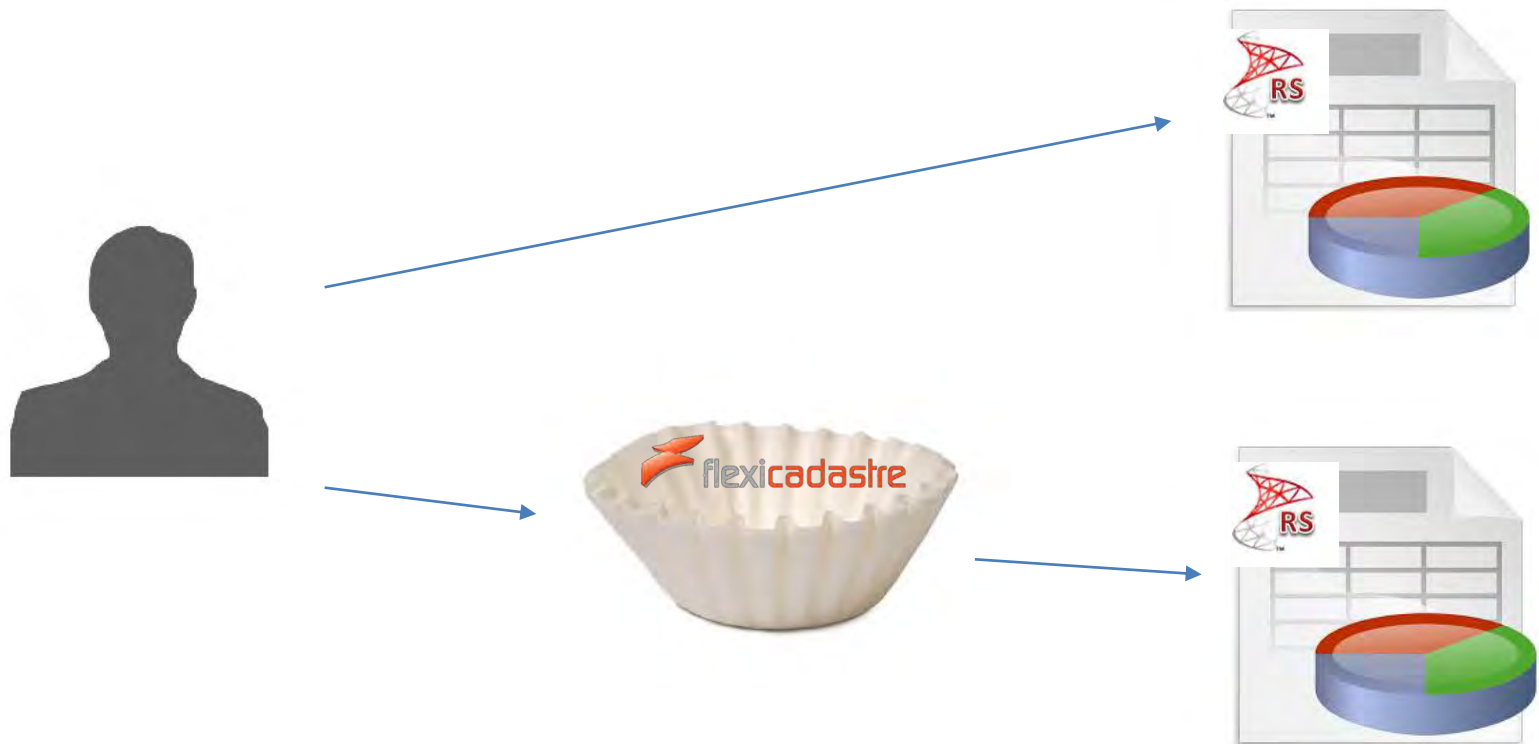
Demo

- Excel
- SSRS Report Builder

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Still to come

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

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Thank You

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