

**ORACLE®**



## **Geografische weergave en Business Intelligence**

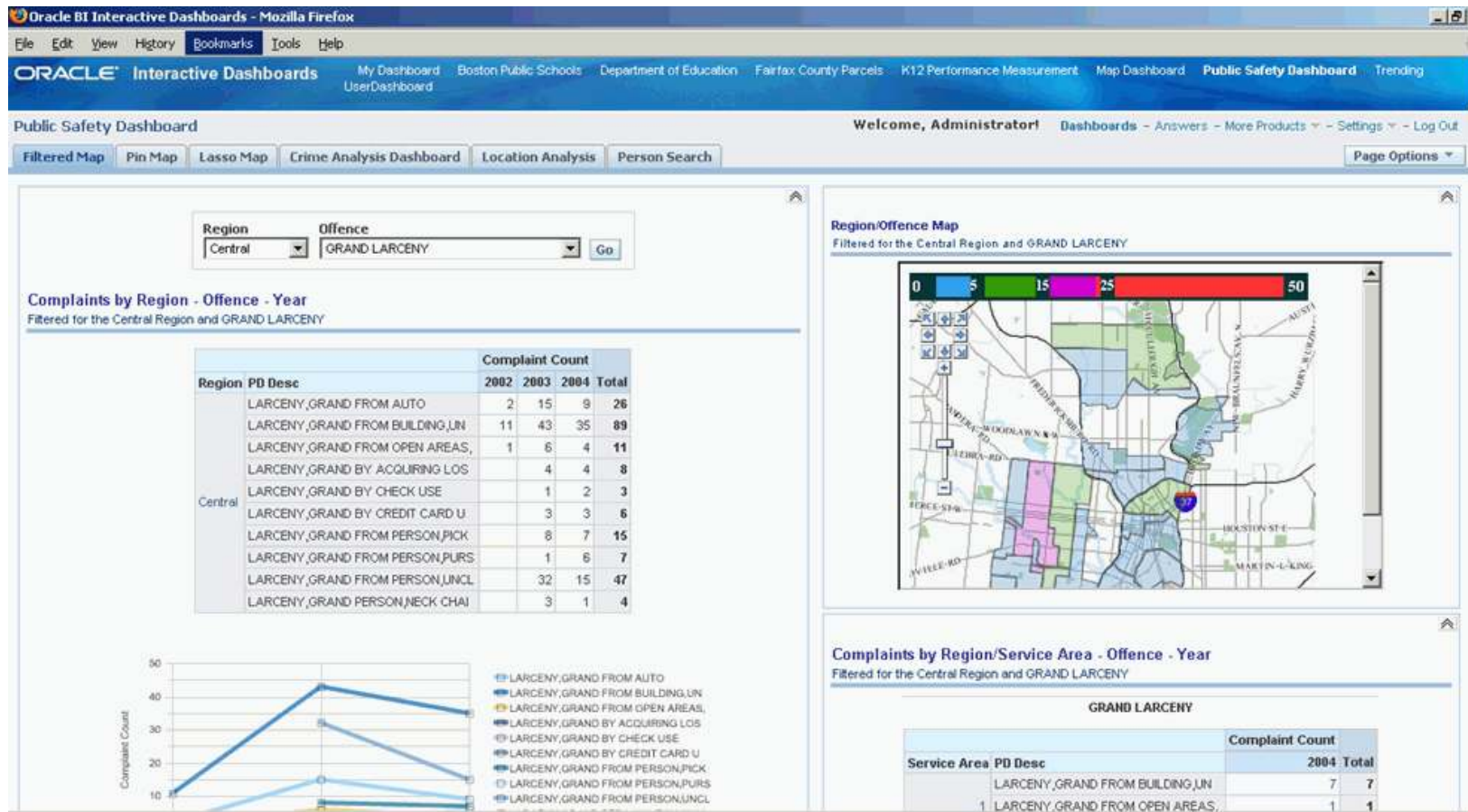
**Mark van de Klashorst - Sales Consultant Oracle**  
**E-mail: [mark.van.de.klashorst@oracle.com](mailto:mark.van.de.klashorst@oracle.com)**



# Agenda voor vandaag

- Demonstratie Spatial Business Intelligence
- De benodigde software applicaties
- Hoe tot een OBI Spatial Dashboard te komen
- Vraag & antwoord

# Demo Spatial Business Intelligence





# Oracle Business Intelligence Suite

**De benodigde software applicaties**

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# De benodigde software applicaties

## ...Oracle Spatial & Locator

```
1 CREATE OR REPLACE TRIGGER item_t1
2 BEFORE UPDATE OR DELETE ON item
3 FOR EACH ROW
4 BEGIN
5     -- Transfer a file reference for deletion after a commit.
6     IF :old.item_photo IS NOT NULL THEN
7         INSERT INTO file_list VALUES (:old.item_photo);
8     END IF;
9 END;
10 /
```

```
public List<Cities> queryCitiesSpatially(Double x1, Double y1, Double x2,
                                        Double y2) {

    double[] points =
        new double[] { x1.doubleValue(), y1.doubleValue(), x1.doubleValue(),
                       y2.doubleValue(), x2.doubleValue(),
                       y2.doubleValue(), x2.doubleValue(),
                       y1.doubleValue(), x1.doubleValue(),
                       y1.doubleValue() };

    JGeometry rectangle = JGeometry.createLinearPolygon(points, 2, 8265);

    Query query = em.createNamedQuery("Cities.sampleQuery");
    query.setParameter("LOCATION", rectangle);

    List<Cities> results = query.getResultList();

    return results;
}
```

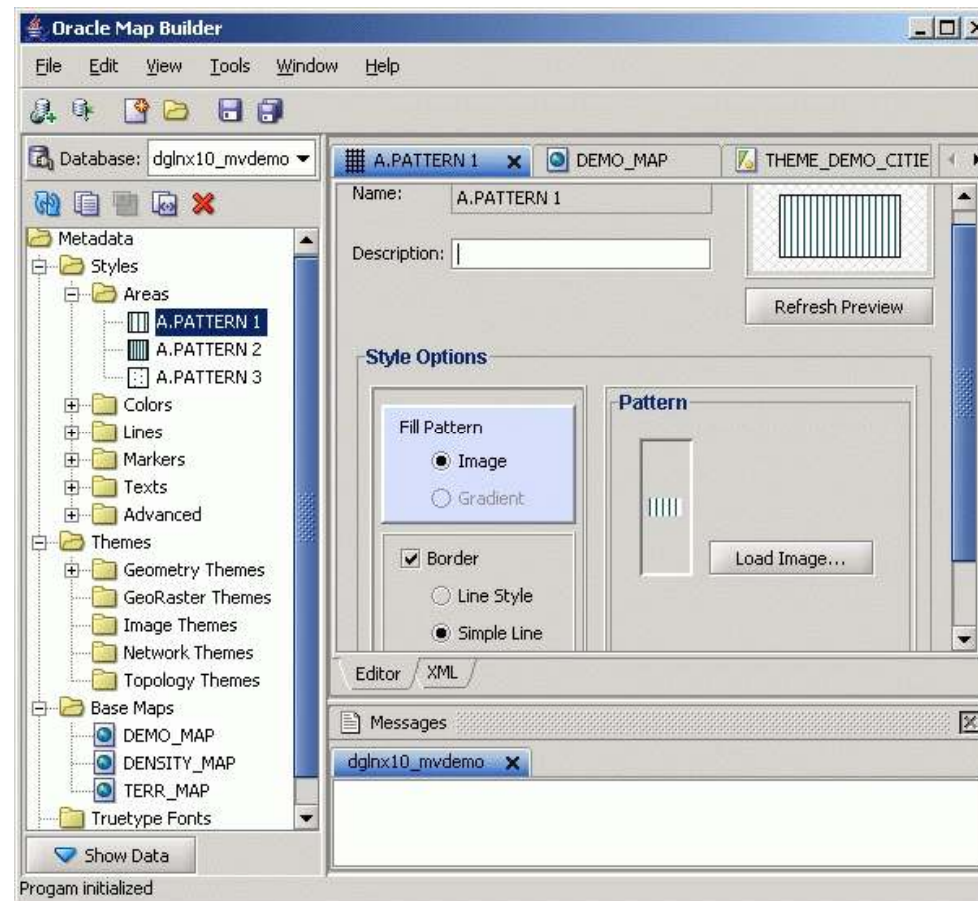
# De benodigde software applicaties

## ...Oracle Mapviewer



# De benodigde software applicaties

## ...Oracle Mapbuilder



# De benodigde software applicaties

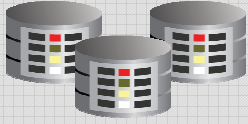

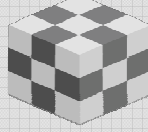

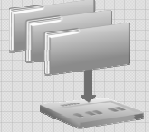
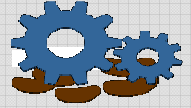
## ...Oracle Business Intelligence Suite

<b>Interactive Dashboards</b> 	<b>Ad hoc Analysis</b> 	<b>Reporting &amp; Publishing</b> 	<b>Proactive Detection and Alerts</b> 	<b>Disconnected &amp; Mobile Analytics</b> 	<b>Essbase</b> 	<b>Data Integration</b> 	<b>MS Office &amp; Outlook Integration</b> 
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### Common Enterprise Information Model

#### BI Server

- Integrated Security, User Management, Personalization
- Multidimensional Calculation and Integration Engine
- Intelligent Request Generation and Optimized Data Access Services

 <p><b>OLTP &amp; ODS Systems</b></p>	 <p><b>Data Warehouse Data Mart</b></p>	 <p><b>Essbase</b></p>	 <p><b>SAP, Oracle PeopleSoft, Siebel, Custom Apps</b></p>	 <p><b>Files Excel XML</b></p>	 <p><b>Business Process</b></p>
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# Oracle Business Intelligence Suite

**Hoe tot een OBI spatial dashboard te komen**



# Vraag en antwoord

