## 2013 Esri Europe, Middle East and Africa User Conference

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#### **Cloud based GIS for SMEs**

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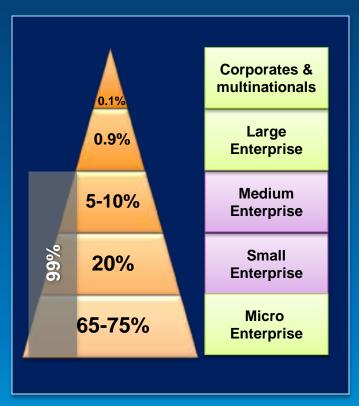
#### **SME Definition**

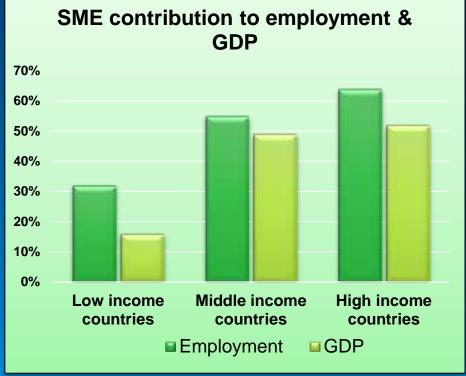
#### **Small and Medium Enterprises**

	VARIOUS COUNTRIES				
	EU	USA	Asia (Malaysia)	Egypt	Ghana
Name					
Number	Small and Medium Enterprise	Small and Medium Business	Small and Medium Enterprise	Micro, Small and Medium Enterprise	Micro, Small and Medium Enterprise
Number	of employees				
Micro	<10	-	<5	1-4	1–5
Small	<50	<100	5–50	5–14	6-29
Medium	<250	<500	51-150	15–49	30–39

Source: South African Institute of Public Accountants

#### **SMEs Worldwide**

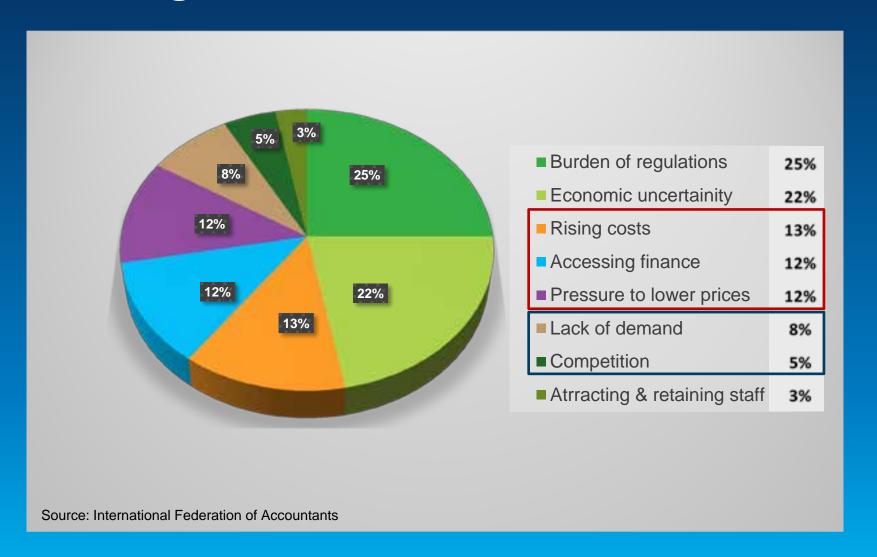




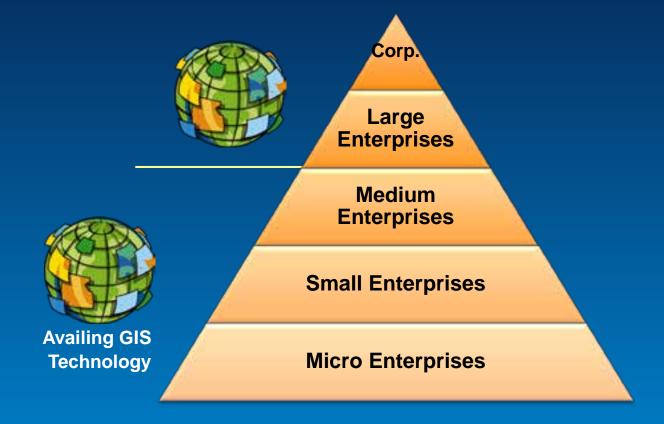
Source: SME Banking Knowledge Guide

Source: World Bank

#### Challenges

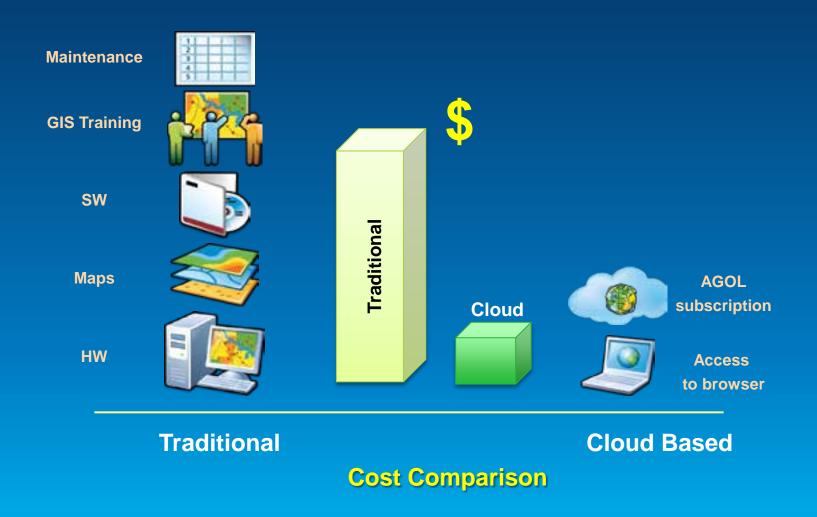


#### **Our Goal**



GIS is helpful for all sectors (industry, commerce, telecom, tourism,...)

#### **How...?**



#### Scenario

Small company

Working in the food industry



 Pack & deliver fresh fruits & vegetables to outlets & end users.

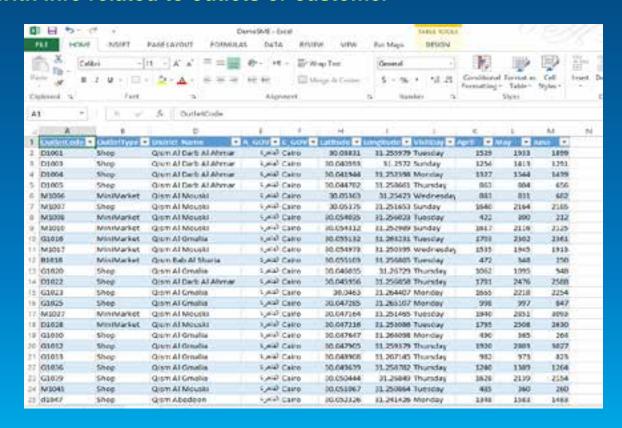
Target market is Cairo, Egypt



## **Cloud Approach**

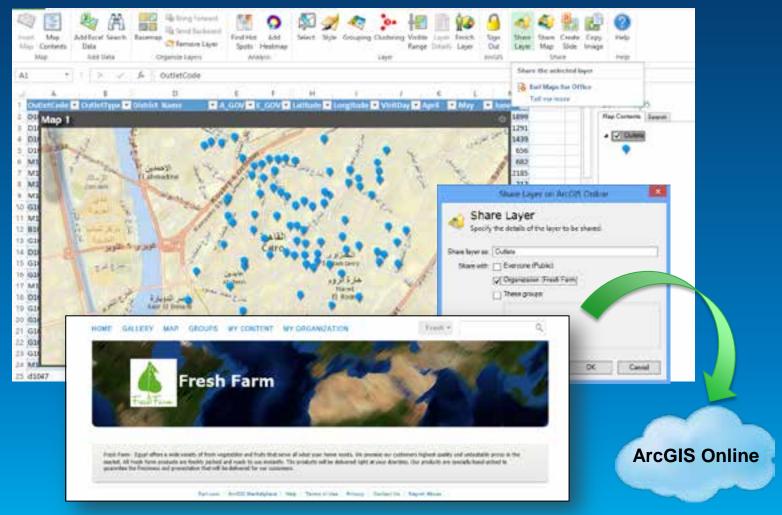
#### 1. Business Data

Sheets with info related to outlets or customer

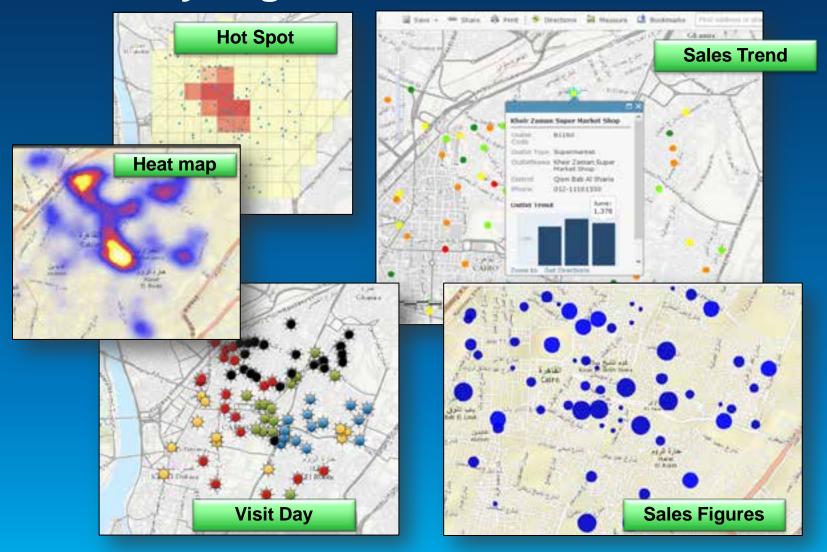


#### 2. Building Layers

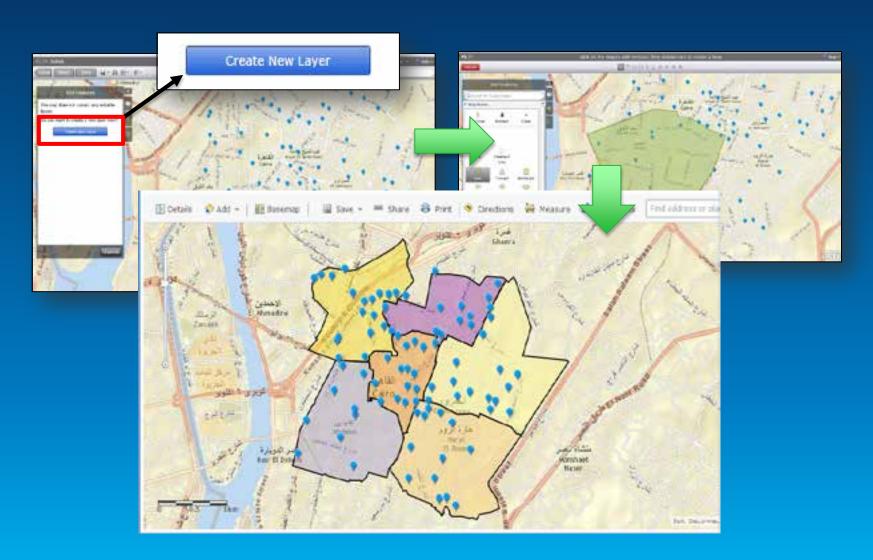
#### **Tabular to Spatial**



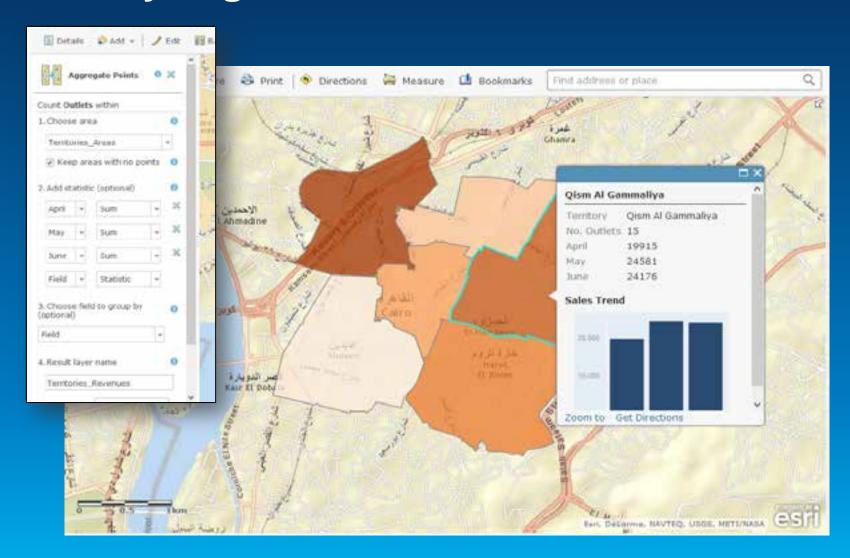
## **Geo-analyzing outlet locations**



## 3. Building Territories

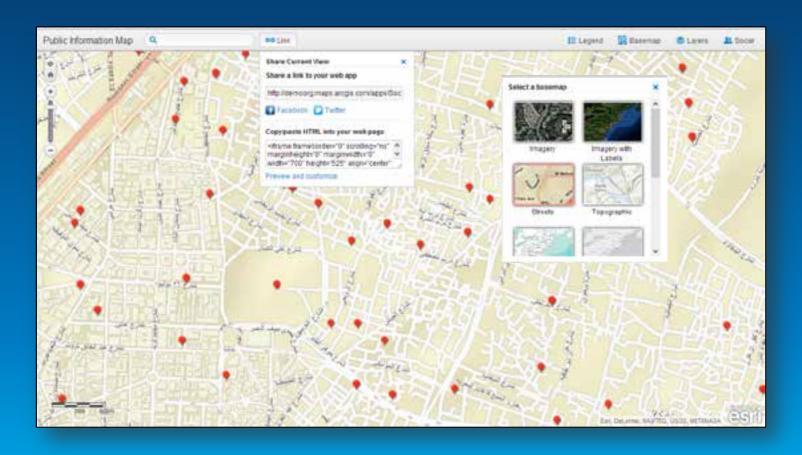


## 4. Analyzing Sales Territories

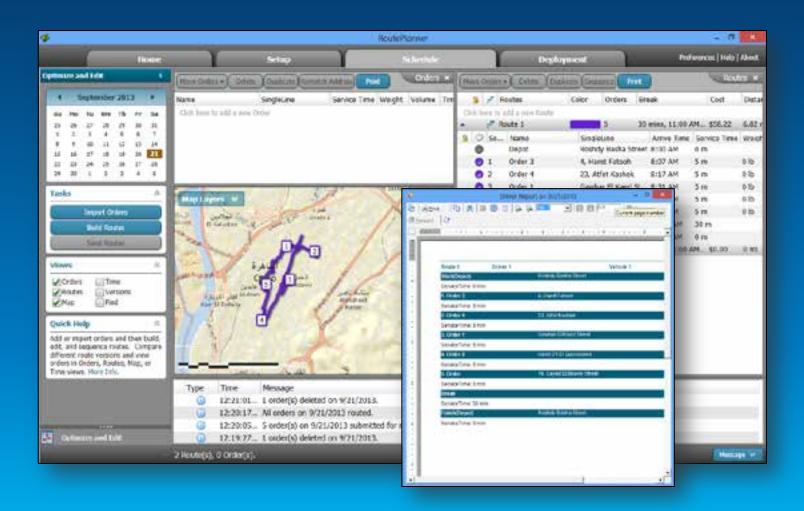


#### 5. Public website

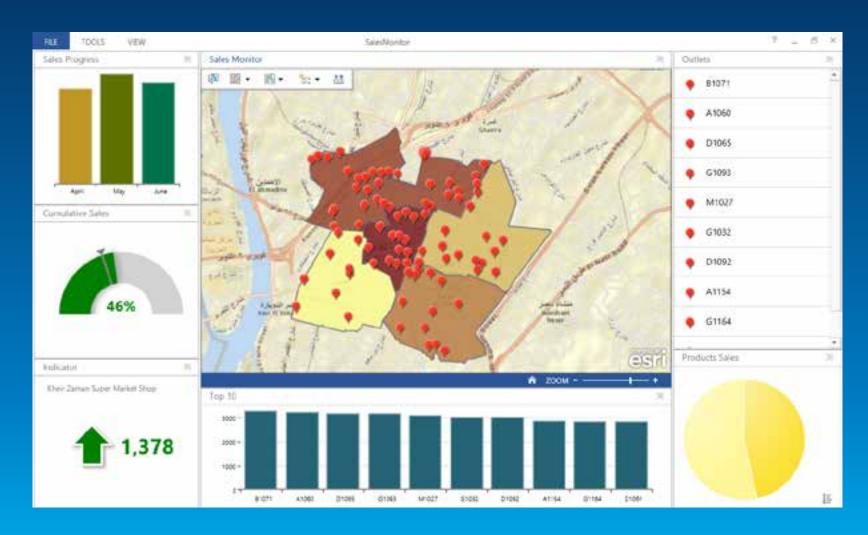
Tell people where they can find our products



#### 6. Optimizing Routes

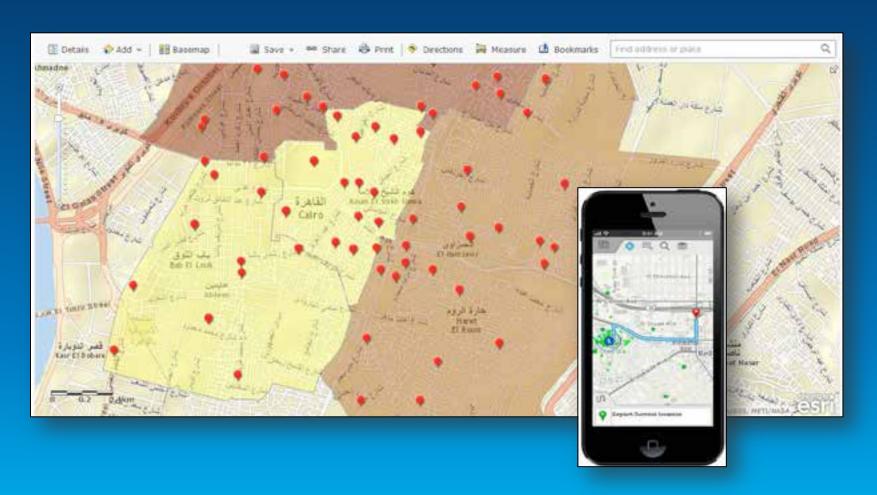


## 7. Monitoring KPIs



## 8. For future, adding new locations

Collect info about future outlets using Collector for ArcGIS



## Whole image



#### Conclusion

#### An SME is able to:

- Monitoring Performance on Map
- Perform Geo-marketing Analysis
- Forget about managing GIS infrastructure
- Publish locations to public & potential customers
- Easy exit if needed

at affordable cost \$\$



"Cloud is Democratizing Technology"

# Thanks