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Rich Internet GeoWeb for Spatial data Infrastructure

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Rich Internet GeoWeb Service for Spatial Data Infrastructure

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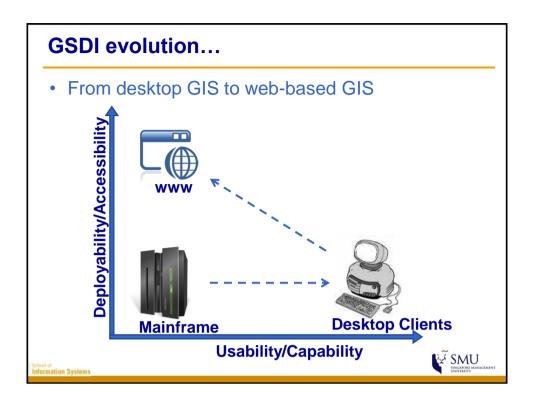


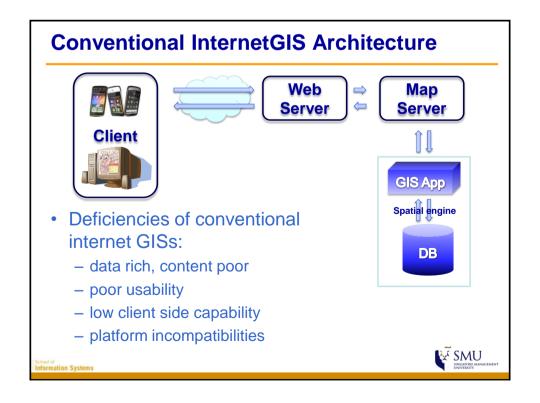
Content

- Geospatial Web Services for Spatial Data Infrastructure: issues and problems
- The Solution: Rich Internet Geospatial Visual Analytics Tool (RIGVAT)
- Use Case Scenario: Singapore property market
- Toward a User-centric Geospatial Web Services framework
- Q & A

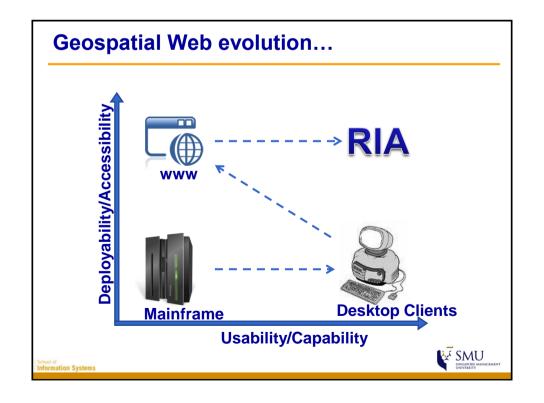
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Interactive API by GIS vendors

- Google Earth API
- Yahoo Flash API
- ArcGIS Flash API
- Mapquest Flash API



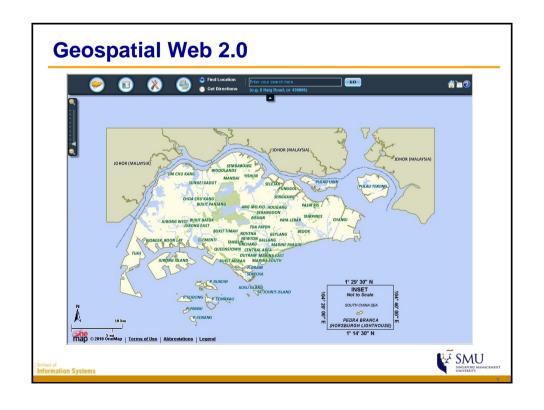








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Limitation of API approach

- Inflexible UI you will quickly recognise sites built from the template. Both the look and feel and animation are a give away.
- The need to customise widgets widgets have usually been built for a specific purpose, particularly the more advanced widgets such as query builder.
- Locked into a particular internet mapping services or GIS.

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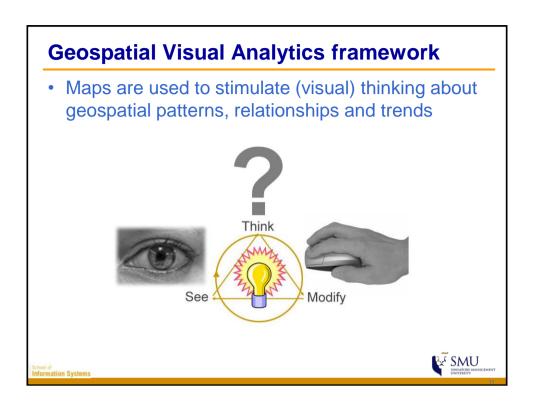


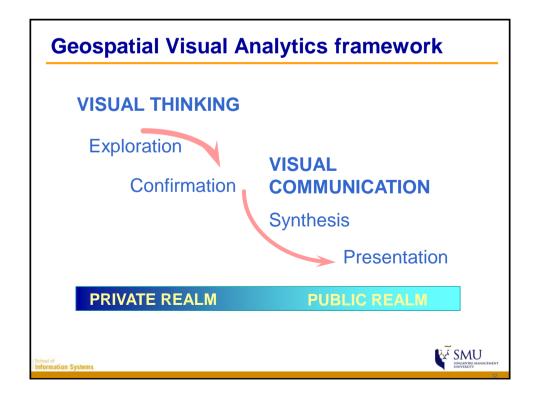
What is Geospatial Visual Analytics

 is the science of analytical reasoning and decisionmaking with geospatial information, facilitated by interactive visual interfaces, computational methods, and knowledge construction, representation, and management strategies

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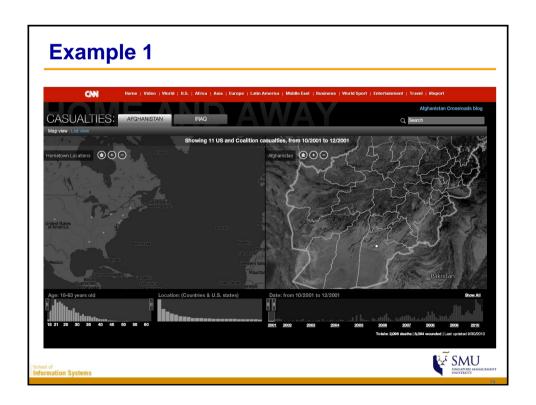


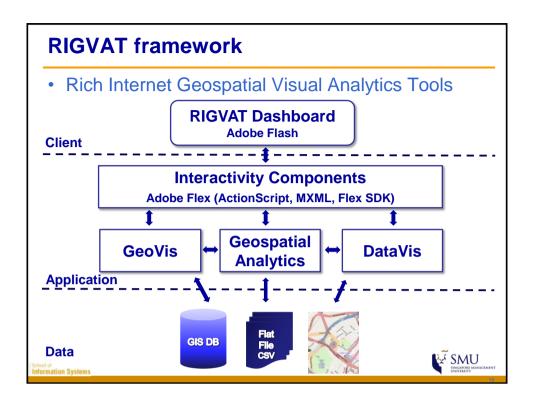
Why people Geospatial Visual Analytics

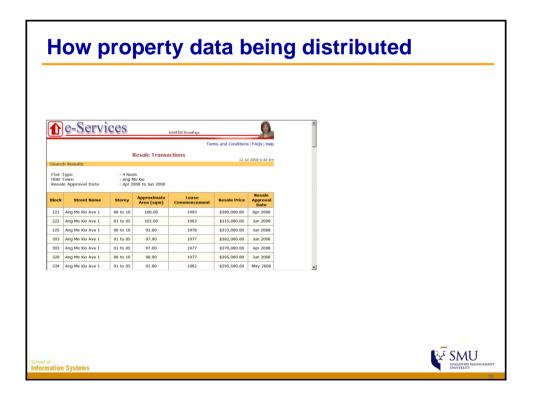
- People use visual analytics tools and techniques to
 - Synthesize information and derive insight from massive, dynamic, ambiguous, and often conflicting data
 - Detect the expected and discover the unexpected
 - Provide timely, defensible, and understandable assessments
 - Communicate assessment effectively for action

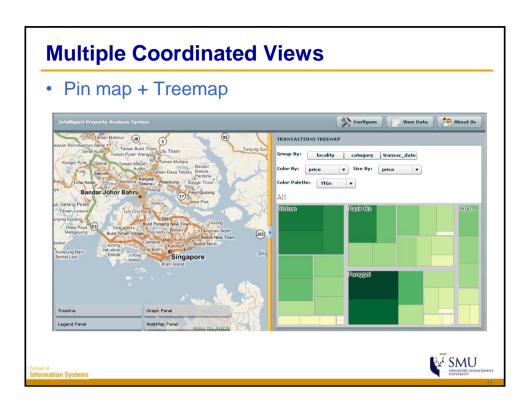
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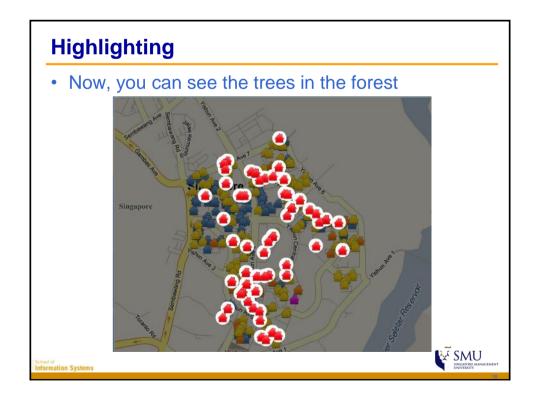


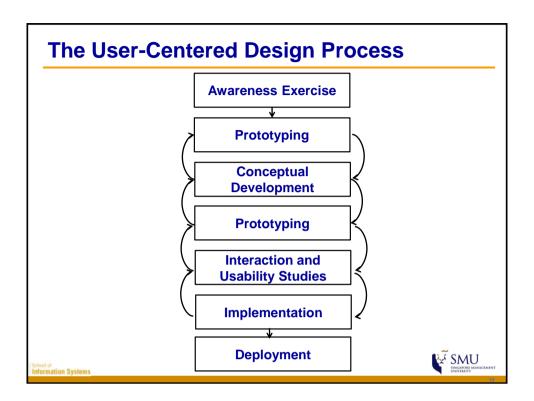












In Conclusion

- Geospatial Visual analytics is the next step in visually supporting solving (geo)problems
- Geospatial information solution development should go beyond conventional GIS and system integration approaches

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