



CITY OF
BOYNTON BEACH

amec The logo for amec, consisting of the word "amec" in a bold, black, sans-serif font with a registered trademark symbol, and a blue circular icon with a stylized 'e' or 'a' shape inside.



Web Based GIS Implementation for the City of Boynton Beach, FL

5/3/2007

Introduction

Jeff Albee – Applied Technologies Manager/ PM
AMEC Earth & Environmental
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In the Summer of 2006 the City contracted with AMEC to implement Orion's OnPoint Web GIS

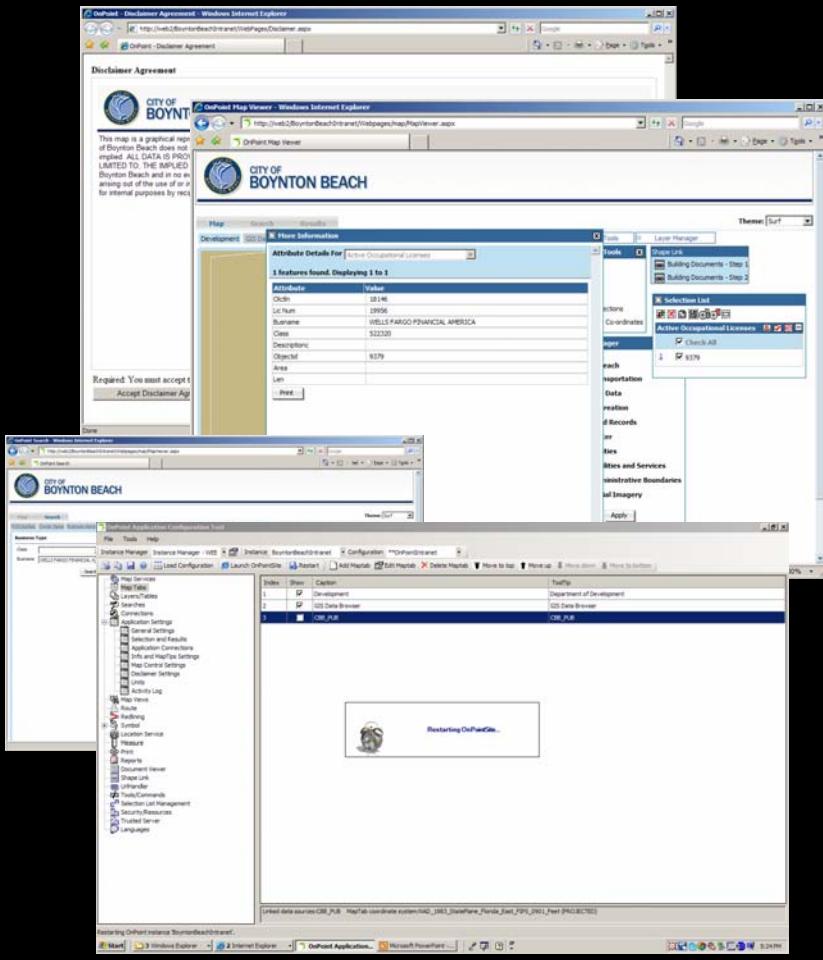
Project Case Study

- City's Needs (why?)
- Implementation Process (how?)
- Summary/Lessons Learned

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Driving Forces

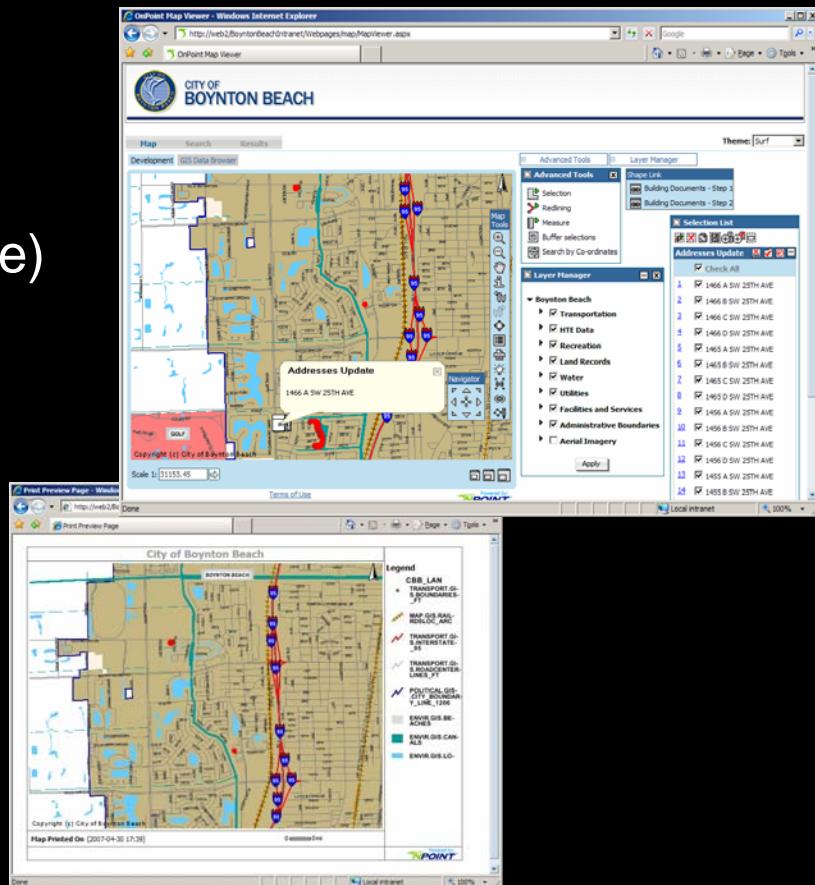
- Region's growth opportunities
- Raw material in place
 - staff to maintain
 - data
 - hw/sw
- Vision
 - Expand beyond current system
 - Easy to administer
 - City departments and public
 - Maintainable and extendible

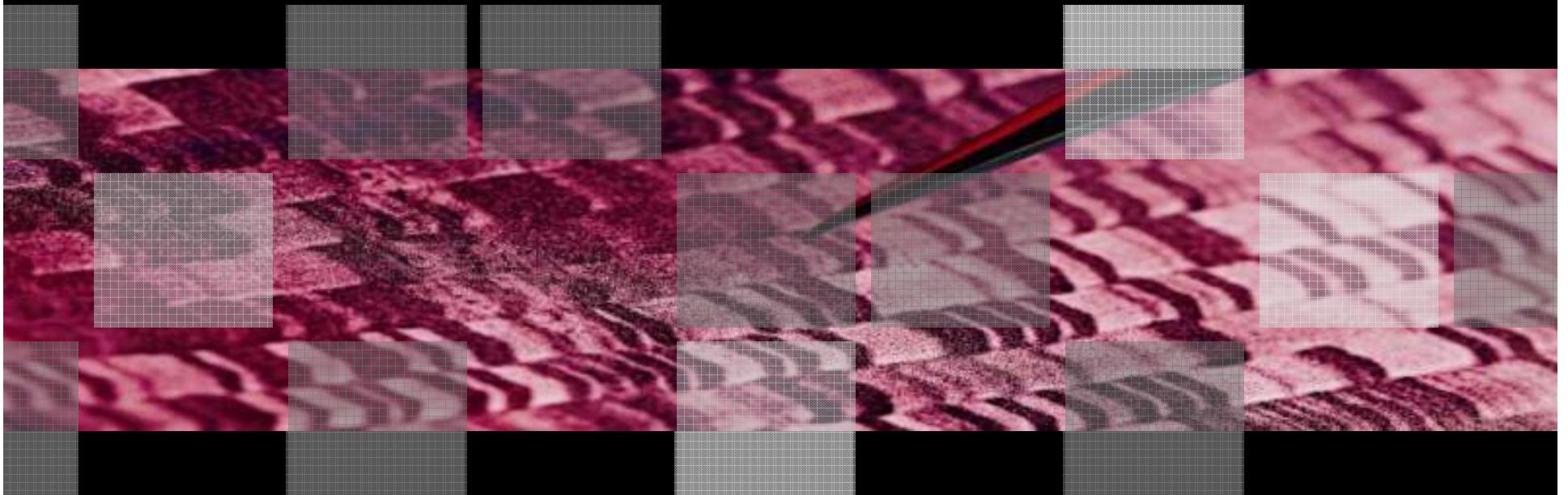


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Opposing Forces

- Financial Resources
- Human Resources (to Integrate)
- Evolving Technology
 - 9.2 Rollout
 - OP 6.0 Rollout
- Addressing (City/County)
 - No Connectivity
 - Multiple Datasets



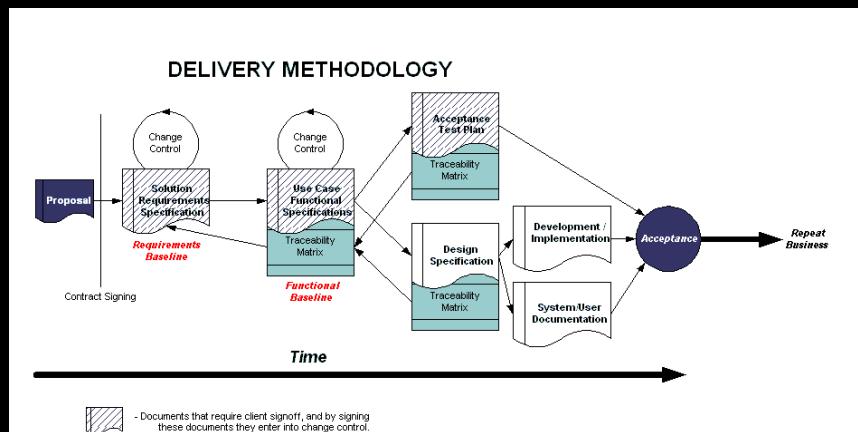


Implementation Process – How did they do that?

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Rational Unified Process

Industry standard practices for development of complex software/hardware solutions. Described using the Unified Modeling Language.

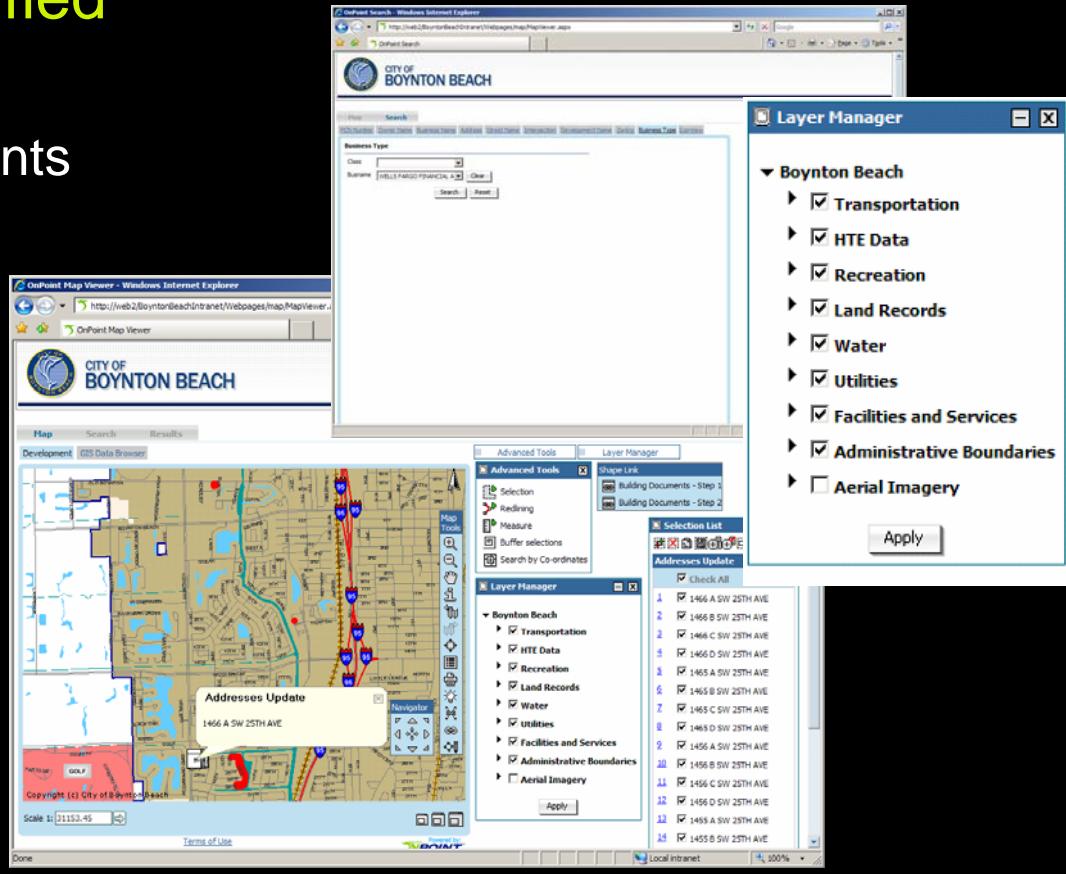


Lessons Learned: You cannot successfully build systems *without* a methodology.

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Our Process...simplified

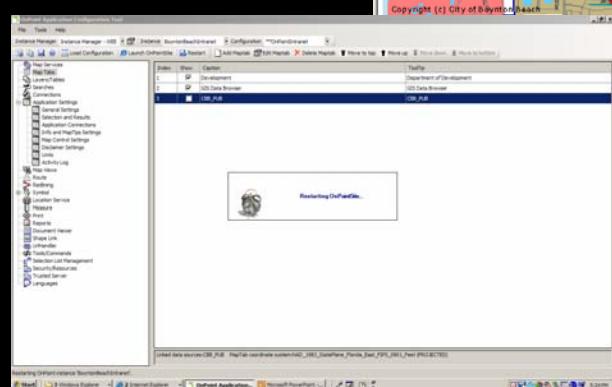
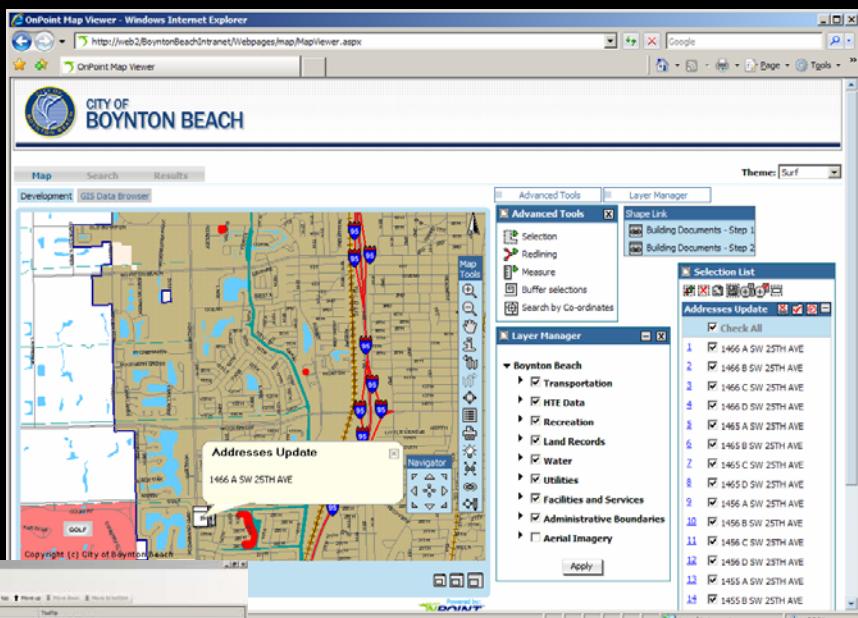
- Define the requirements
 - Inter/Intranet browser
 - Laserfiche
 - HTE data
 - Addressing
 - Printing
 - Reporting

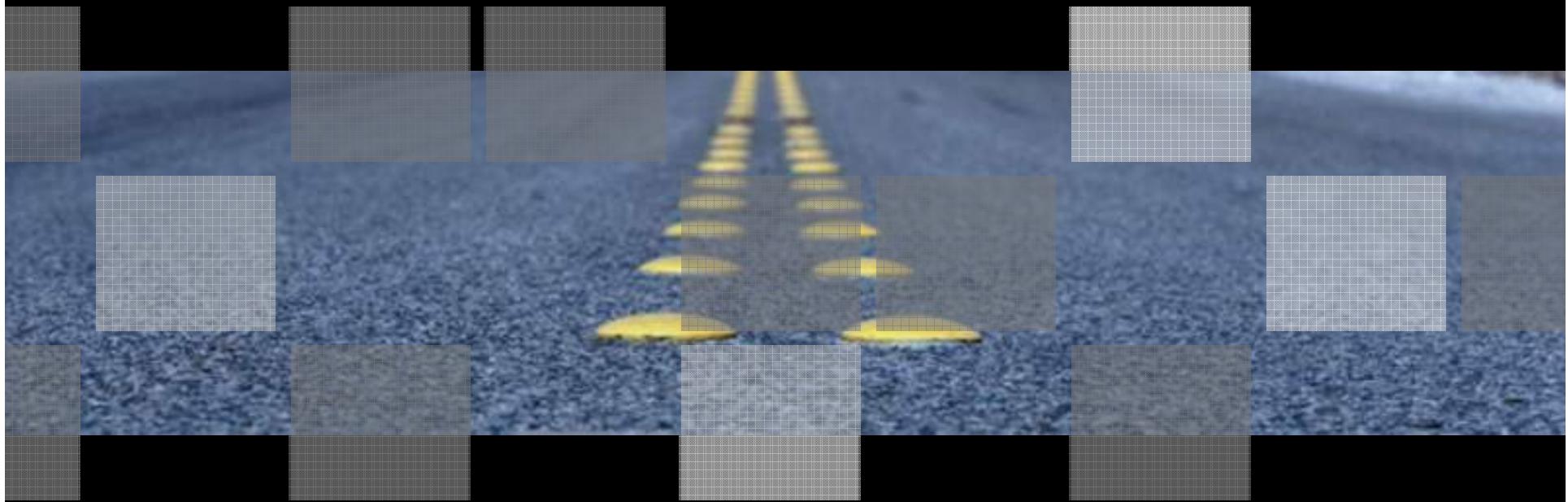


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Our Process...simplified

- Install and Train
 - Concurrently
- Confirm the Requirements
 - Verify requirements
 - Enable self-sufficiency



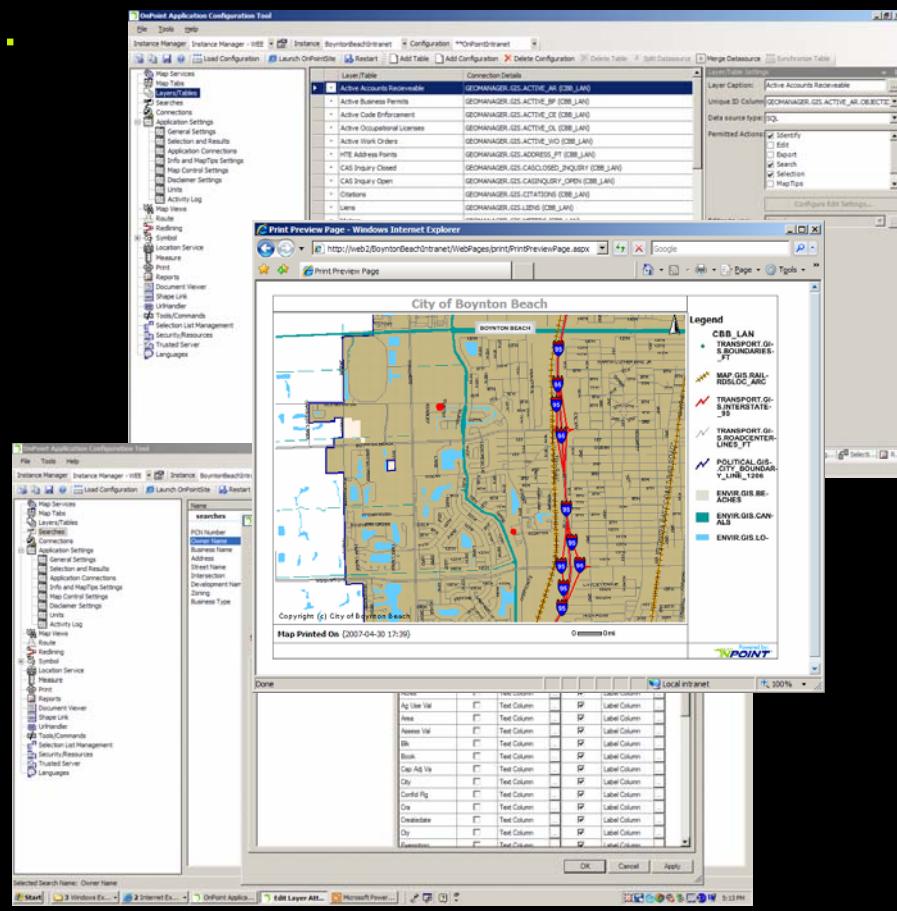


Summary/Lessons Learned

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The tools are getting better...

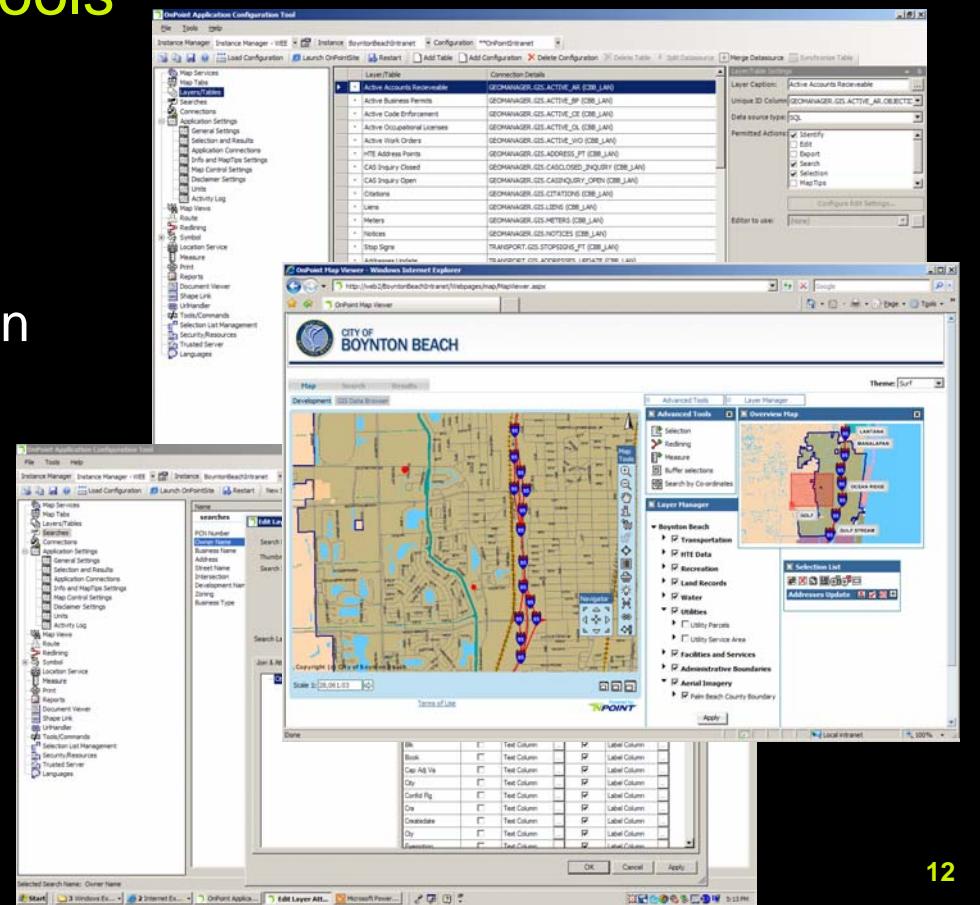
- Integrated w/ .NET
- Easier to administer
 - Easily extendible
 - No programmer required
- Multi platform/Multi version
 - ArcIMS
 - ArcGIS Server
 - Etc.



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Use Project Management Tools

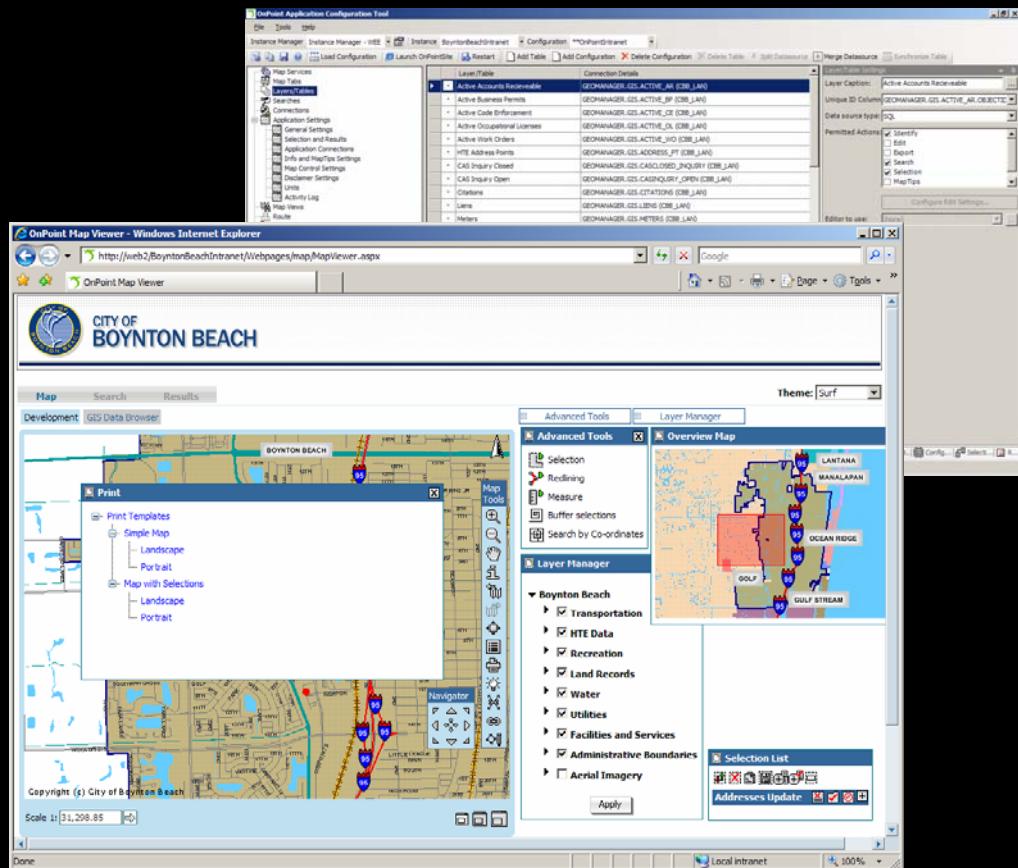
- Collaboration framework
- Common view of the solution
- To deliver quality on time
- Supports good communication
- Control releases/deliveries
- Efficiency
- Reusability



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Learn From Others

- Consultants
- Other govt. agencies
- Other industries





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Shaping the Future