

Improving Business Process in the City of Boston

The Value of GIS Integration

- Claire Lane, GIS Manager, City of Boston -

The City of Boston

- Among the oldest of American Cities
- 600,000 residents, doubles each day
- Ranked 20th in size, higher in most sports
- Land area of 48.5 square miles
- Hub of higher education, medical and biotech institutions
- 20,000 employees
- Annual operating budget \$2.6 billion
- Governed by a strong Mayor and City Council
- IT Budget of \$19 million operating funds and \$13 million capital funds





CRM Goals

 Customer Service Vision -24x7 access Centralize operations Reduce the number of misdirected calls Business Drivers - Close the loop - Consistency - Faster response - Relieve 911 congestion - Follow-up - Cost reduction

CRM in Boston

- Mayor's 24 Hour Hotline live October 2008
- Public Works, Parks and Transportation
- 16,000 average calls per month
- 2% average monthly calls abandoned
- 18% of calls generate a Service Request
- 8% of Service Requests generated via Self-Service

From Silos...



- Historically, systems were developed in silos driven by individual, isolated business needs
- Resulted in rigid architectures, multiple technologies, and difficult custom-integration challenges
- Recent pressure to increase the utility of the information stored in these application silos



...to Enterprise

GIS Integration Requires Both Strategy and Tactics

Tactical Win with CRM

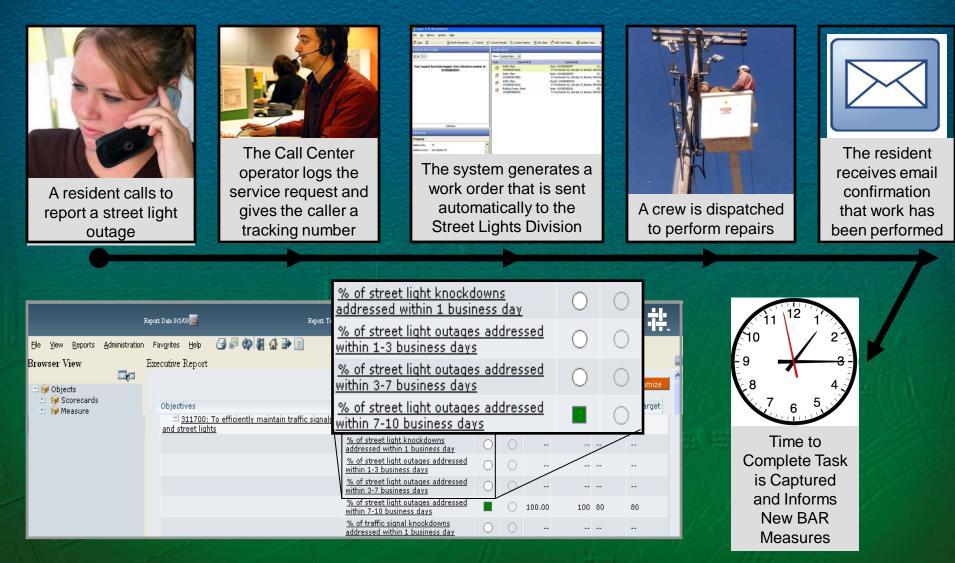
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SnowCOP...A Successful Partnership

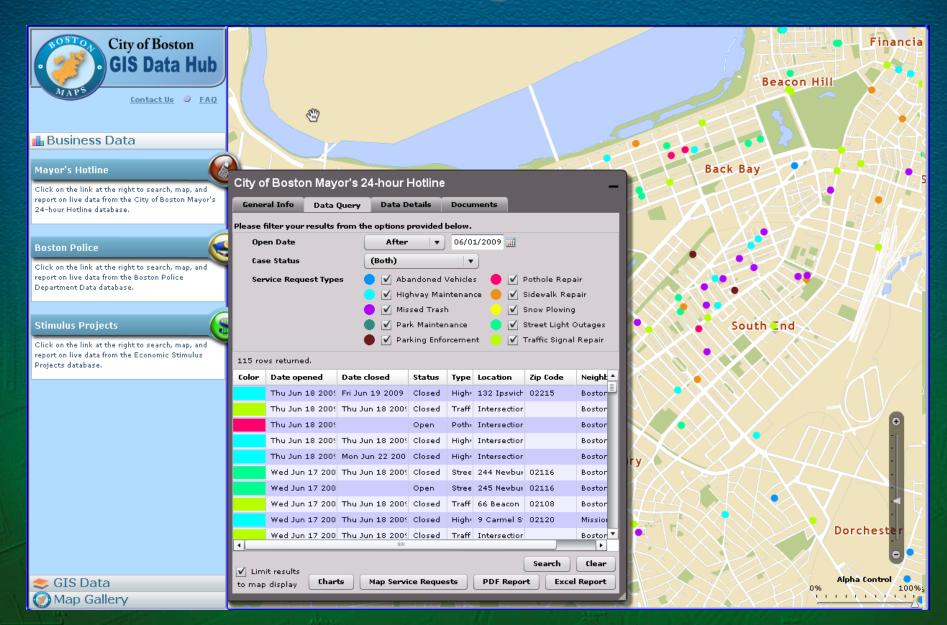
Combining CRM Service Request Data with GIS and GPS



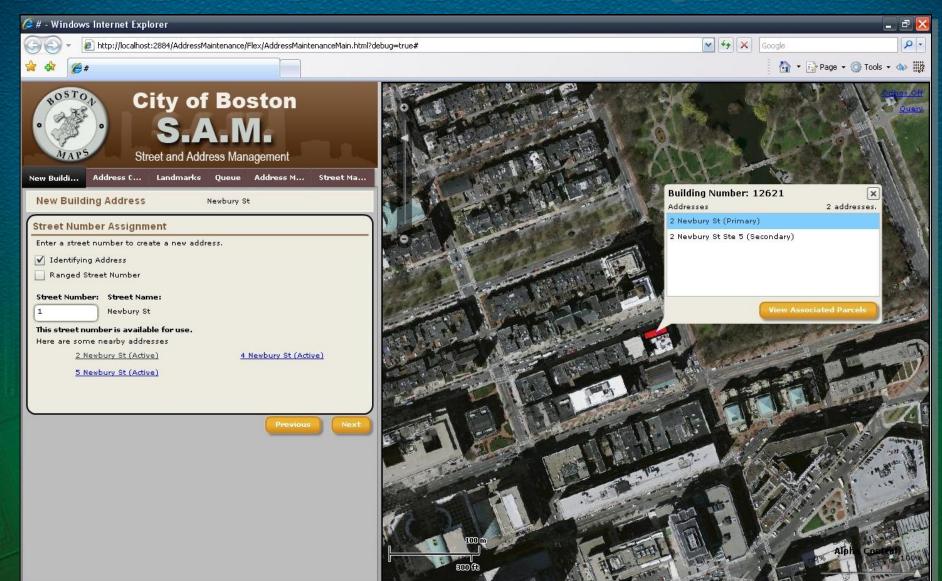
BAR Integration



Public Facing Data Hub



Address Creation Using SAM



Original Concept

Goal: Help Constituents Report Problems So We Can Improve the City

See



 Constituent sees a problem in the City they would like to see fixed.



Select

Constituent opens
City of Boston iphone
application and selects
the appropriate service

request.

- Constituent **shoots** a photograph of the issue they are requesting service for.
- Constituent **submits** the request, sending the service request type, the photo, and the x / y coordinates of the issue to the City. The City sends back a confirmation number.



Submit



Citizens Connect





Thank you!