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Smarter software for a Smarter Planet.

## **Government Collaboration Making the Value of People's Interactions Real**

Brent Lello | Government Sales Consultant – Asia Pacific



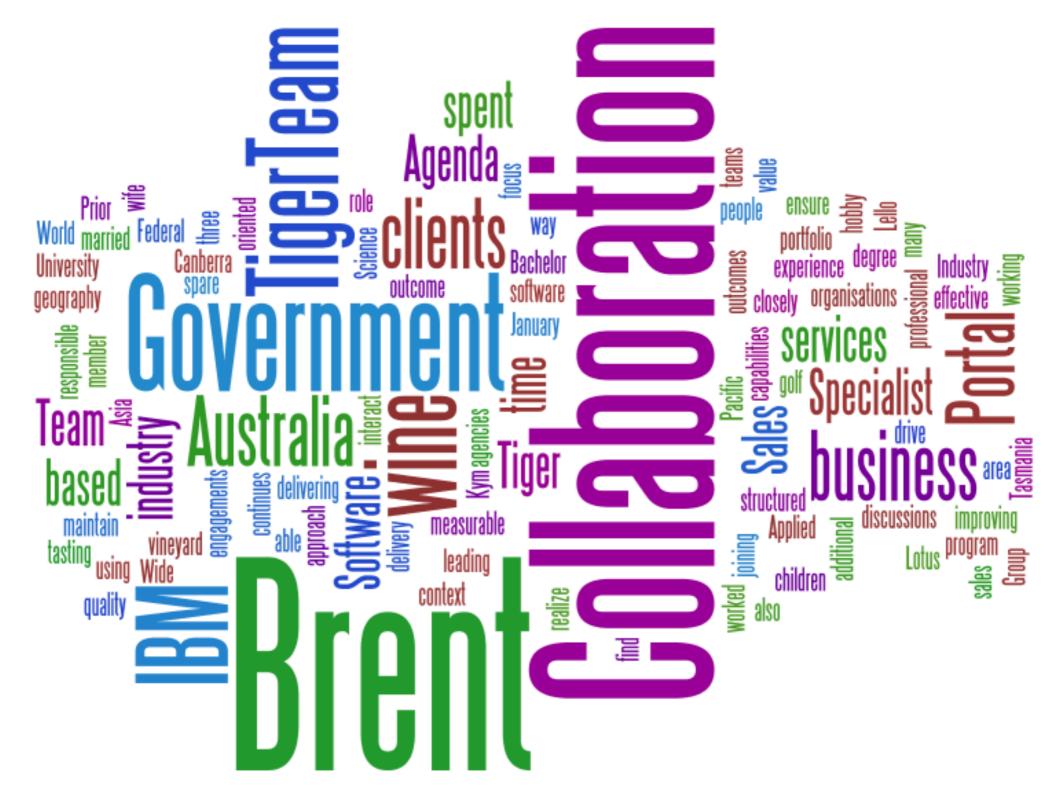
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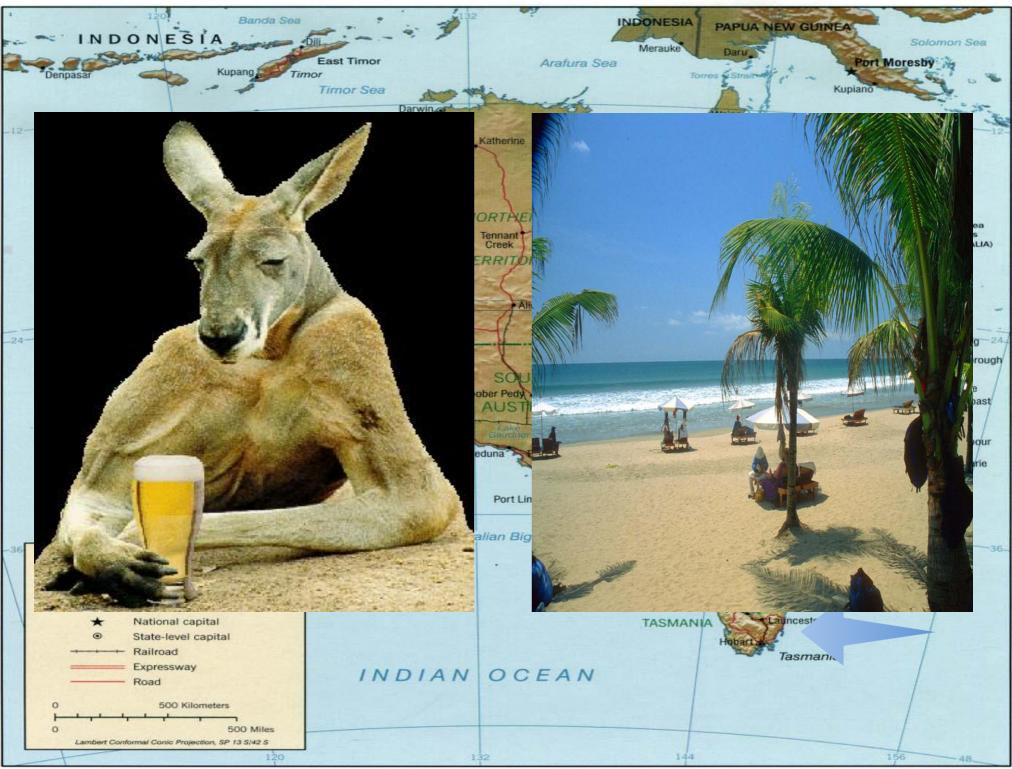


**Brent Lello** Industry Sales Specialist - Government Collaboration Tiger Team IBM Software Group

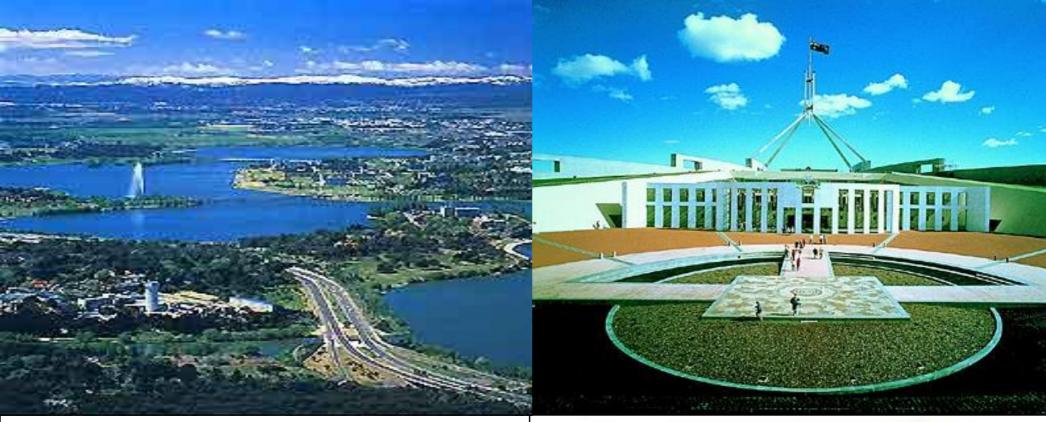
8 Brisbane Ave Canberra, Australia, 2600 Tel +61 418 643 148 brent.lello@au1.ibm.com







Base 802664AI (C00014) 12-99



- 22,162,000 People
- 95% Located on Coastline
- Local (Council) Gov (100s)
- State Gov (6) + Territory (2)
- Federal (Commonwealth) Gov





## Agenda

- •What trends are driving government priorities today?
- •What types of innovative solutions are governments deploying?
- •How can IBM help government customers to build a Vision for Collaboration?
- The Collaboration Agenda
- Getting Started











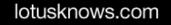


## "Perpetual collaboration" will be essential for government effectiveness in tomorrow's world

- "... by 2020, government interactions will require 'perpetual collaboration' across transnational agencies, societies, governments and constituencies"
- Governments must simultaneously deal with the effects of six drivers that are reshaping our world, while building a foundation to promote the future prosperity of citizens
  - Changing **demographics**
  - Accelerating globalization
  - Rising environmental concerns
  - Evolving societal relationships
  - Growing threats to social stability and order
  - Expanding effect of technology



Source: IBM, Government 2020 and the perpetual collaboration mandate, April 2008, http://www-935.ibm.com/services/us/gbs/bus/html/bcs\_government.html



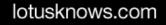


## The current environment for governments

- Investment Optimization further reducing operational costs while improving IT capabilities and capacity
- Economic Recovery and Altered Priorities stimulating the economy through various programs and executive priorities
- New expectations for government citizens looking for government leadership in rebuilding the economy, supporting their needs, and keeping them informed
- Government's temporary business role managing and overseeing financial and other institutions in which it has invested to stabilize the economy



#### Source: IDC Insights, January 12, 2010





## Current challenges have elicited a variety of responses

- Improving citizen access to critical services through Web-based information delivery and Web 2.0 participatory government
- Increasing responsiveness by providing constituents with a self-service model for routine tasks, enabling employees to focus on exception issues
- Providing better, faster service with online forms tools that lead citizens through complex government transactions
- Improving the ability to provide interagency collaboration, especially in complex emergency response situations

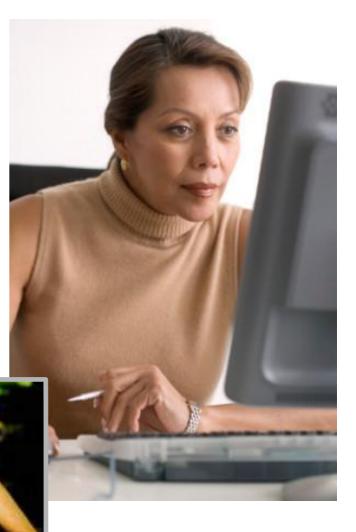






## Interactions among demographic groups vary—and they're changing rapidly

# Reaching constituer is different now







## Constituents & Employees Expect Modern Online Experiences:

Web 2.0 + Collaboration + Social Tools + Mobile







Government leaders face a changing world and big change gap Confidence in managing change lags

8 in 10

Public sector leaders anticipate substantial change ahead.



Gap between envisioned change and past success at managing it.



Source: IBM Global CEO Study 2008; n (2006) = 709, n (2008) = 1104, n (Government)= 180

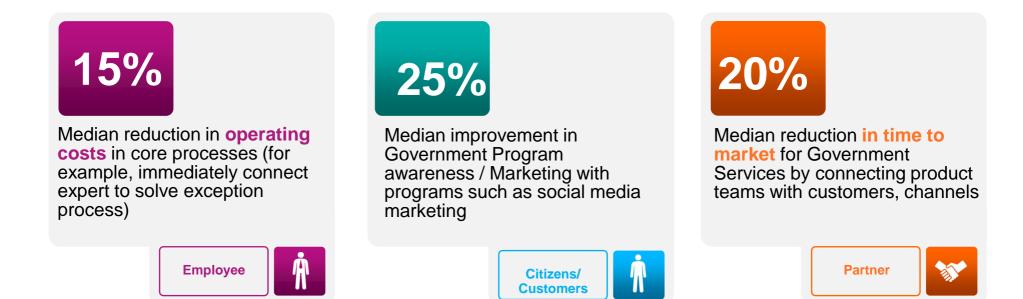
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## **Connecting customers, partners and employees creates** measurable financial return



Source: McKinsey & Company, How companies are benefiting from Web 2.0, p 3, 2009.





### Dramatic economic and social shifts are driving *five imperatives* for government



#### New expectations for government

Enhance pusiness

Batacees

Overall







Investment **Optimization** 





## The Imperatives Drive Government's Business Objectives



- Enable adaptive operations
- Reduce costs to citizens
- Support collaboration and relationships
- Increase security, decrease risk
- Enable defense and law enforcement organizations to achieve situational awareness
- Increase speed of command and combat superiority
- Increase citizen/constituent satisfaction
- Connect people to programs based on individual needs
- Achieve sustainable outcomes while reducing operational costs
- Optimize taxpayer value
- Focus on the citizen
- Support one-stop government service
- Increase efficiency and reduce costs
- Integrate service delivery
- Manage revenues and taxes
- Reduce operating costs
- Increase citizen satisfaction
- Reduce cost of maintaining multiple systems

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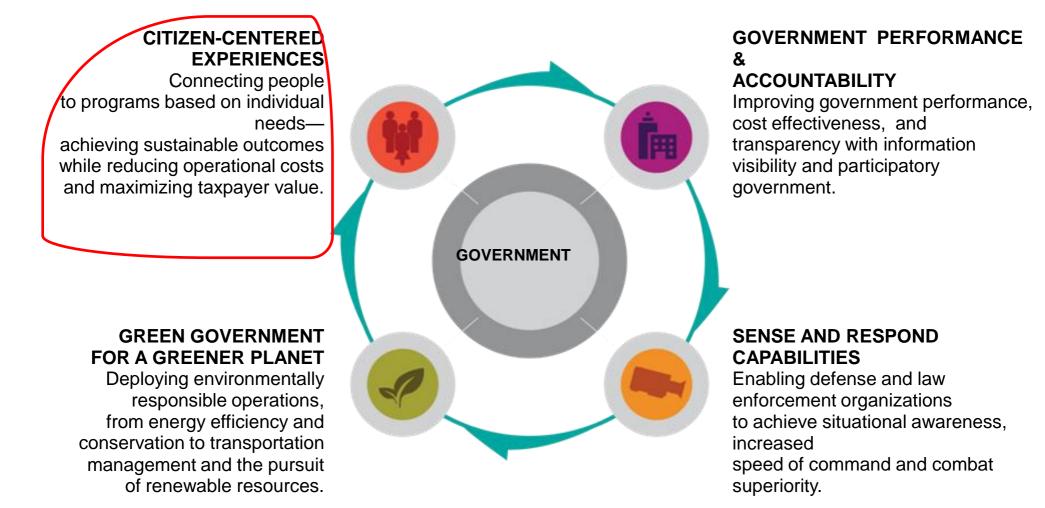






#### Smarter software for a Smarter Planet.

To ensure the economic health, welfare and security of their citizens, smart governments are working toward...

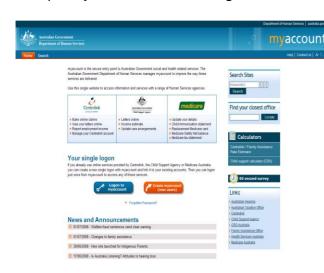


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## Centrelink delivers multi-channel government human services for the Australian Government





http://myaccount.humanservices.gov.au

- Centrelink and Dept of Human Services
- Centrelink is Australia's welfare services delivery agency
- 6.5 million customers (1/3 of Australian population)
- Administers more than 140 different products and services for 25 government agencies
- **14+ million online transactions** in 2008

#### Centrelink Customer Portal

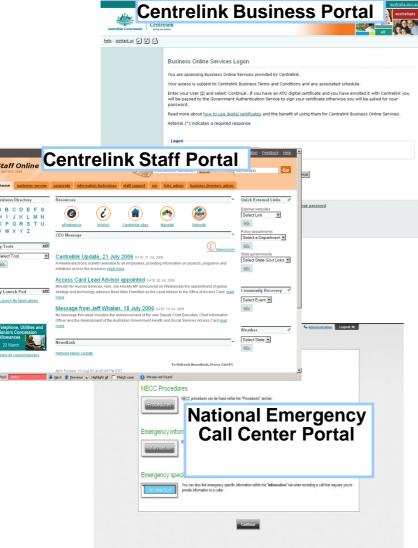
- Access to 40+ Services, Advanced Search Engine
- Single Sign-On, Web Content Management, Personalization, News, Re-use of SOA Applications/Services,
- Department of Human Services Portal
- Federated Identity Management between: Centrelink, Medicare and Child Support Services
- Federated Search across all site as well







## Centrelink uses repeatable "portal patterns" to speed the development of innovative sites and capabilities



### **Reusable Business Patterns**

Customer accessing Customer data, Staff accessing Customer data Businesses accessing Business Data Common services: security, personalization, etc.

### **Staff Portal**

Employee Services Portal + Social Software Task Management / Business Process Management

#### **Business Portal**

Business Services / Partner B2B Portal

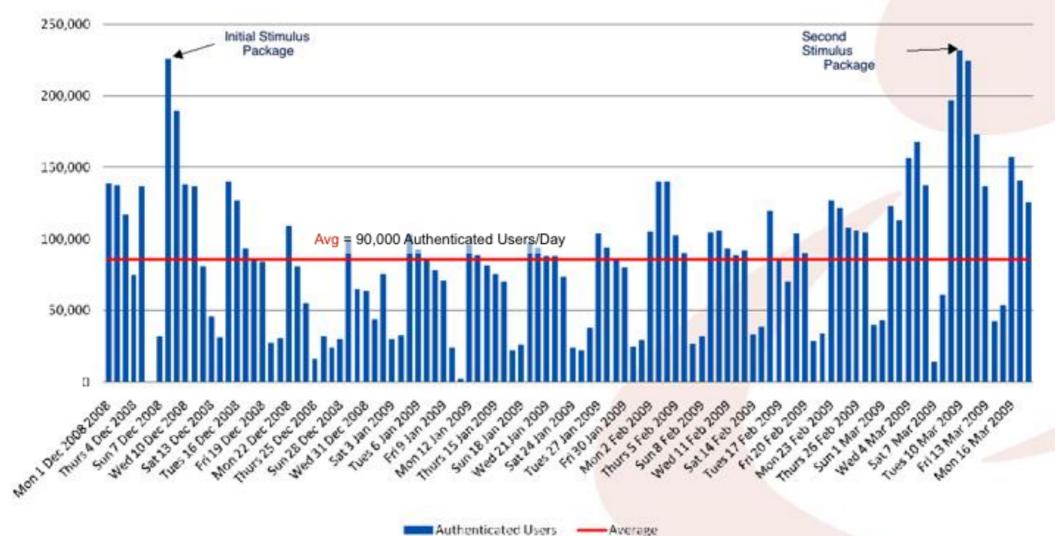
### **Emergency Response Portal**

Process-centric, Authenticated, AJAX Compliant, Rich Functionality. Performance, Scalability, Single Sign-On





## Centrelink Self Service Customers December 2008 - March 2009





## **"Services Oriented Collaboration" Example**

## Employees Work from a National Task Queue

Employees claim a task from an online queue of Benefits claims that have been submitted

Employees see the task, forms that were submitted, and who completed prior process steps

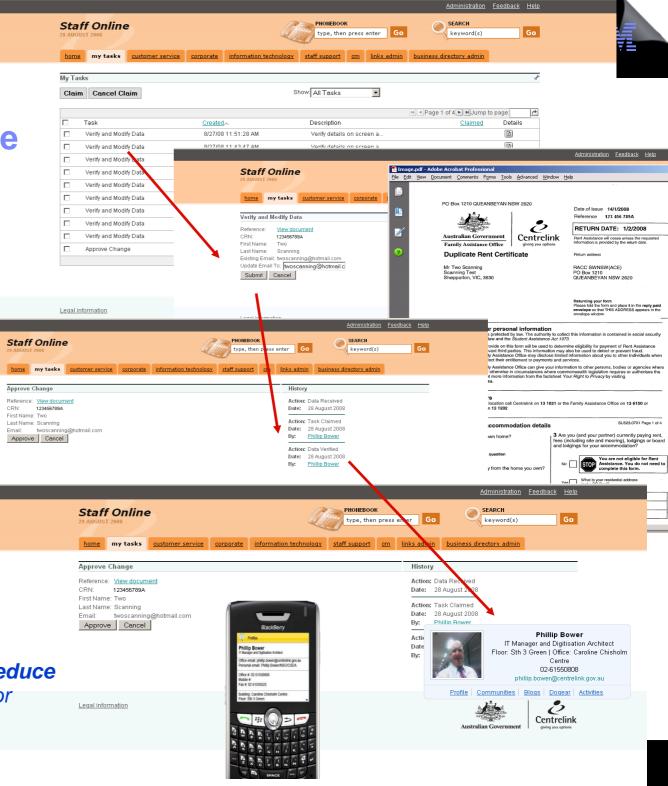
#### Employees can quickly see the Profile and Expertise of each person who worked on the Benefits approval process

See their expertise and communities of interest

Instant message a question

Future: click-to-call with VOIP

Social software is embedded into the business process to help employees connect faster, resolve issues, and reduce time to process Benefits, Eligibility, or Referrals



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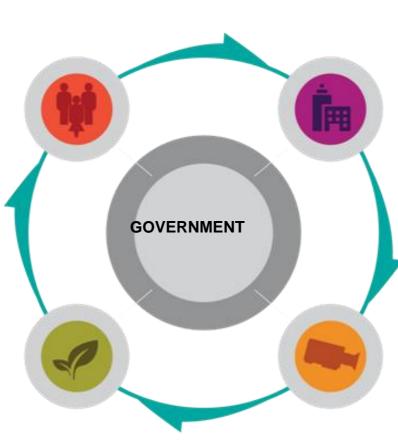
#### CITIZEN-CENTERED EXPERIENCES

Connecting people to programs based on individual needs—

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#### SENSE AND RESPOND CAPABILITIES

Enabling defense and law enforcement organizations to achieve situational awareness, increased speed of command and combat superiority.

## "Data Democracy" has become a hot topic in government transparency

NASCIO calls for st ME-mail | A Print | BOOKMARK . MARK . The Take Us With You | Buzz up!

By Joab Jackson White House Issues Open Government Directive

Federal agencies sho states and local gove more transparent, the (NASCIO) contends

The first thing a state all its publicly-acces the report states.

"State government ha guidance on how to r single state data por NASCIO enterprise statement.

By having data in or

it is certainly anticipated that the availability of government datasets

able datasets. The fu

The Obama administration outlines steps that federal agencies must take to become more open, participatory, and collaborative, including release of "high value" data.

#### By John Foley InformationWeek

December 8, 2009 03:18 PM

The Obama administration has released its Open Government Directive, a document that details steps federal agencies must take to become more transparent, participatory, and collaborative. As a first step, agencies must release three new "high value" data sets within 45 days.

The Open Government Directive was called for by President Obama in his "Transparency and Open Government" memo, issued in January on his first full day in office. At that time, Obama called on federal CTO Aneesh Chopra to work with the Office of Management and Budget and the administrator of General Services to outline actions agencies could take to implement the principles of open government.

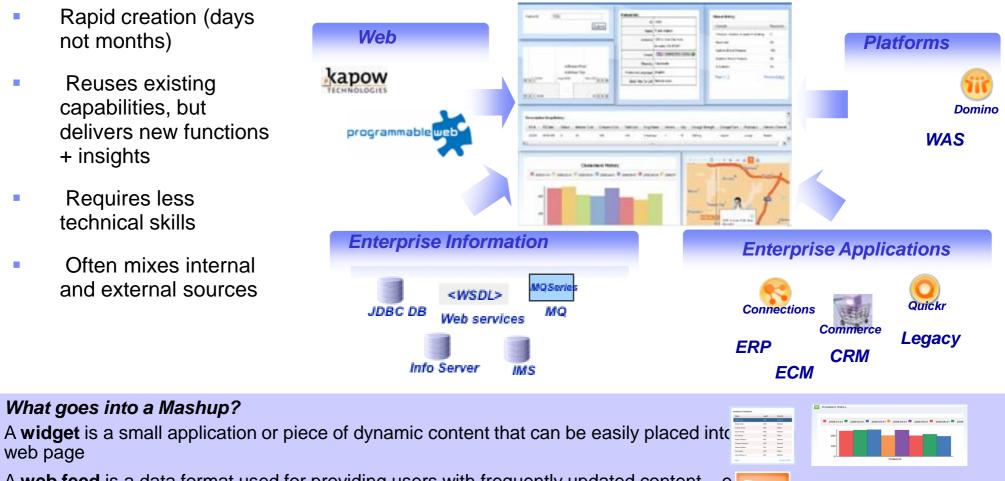
	More Insights
	Whitepapers
*	HP Exstream For Tax And Revenue Agencies
	HP Exstream Enterprise

The new strategy was outlined in a blog post by OMB director Peter Orszag, and the Open Government Directive and an open government progress report are available for download on WhiteHouse.gov.

The directive outlines a series of milestones that government agencies and departments are expected to meet over the next E

## What is a Mashup?

A *"mashup"* is a lightweight web application created by combining information or capabilities from more than one existing source to deliver new functions & insights.



A **web feed** is a data format used for providing users with frequently updated content – e. RSS

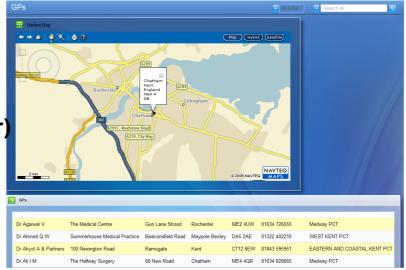


## **Democratization of Data - Citizen Mashup**

- Kent County Council UK
- Challenge: Empower the community by making government data accessible via a single platform in a format which can be personalised and shared
- Pilot project to create a catalog of feeds & mashups e.g.
   Mashup to research regional recycling performance and identify how to help Kent County Council recycle more
- Benefit: 570+ feeds of government data available for creating customized mashups to put citizens in control

Find a General Practitioner (Doctor) Mashup



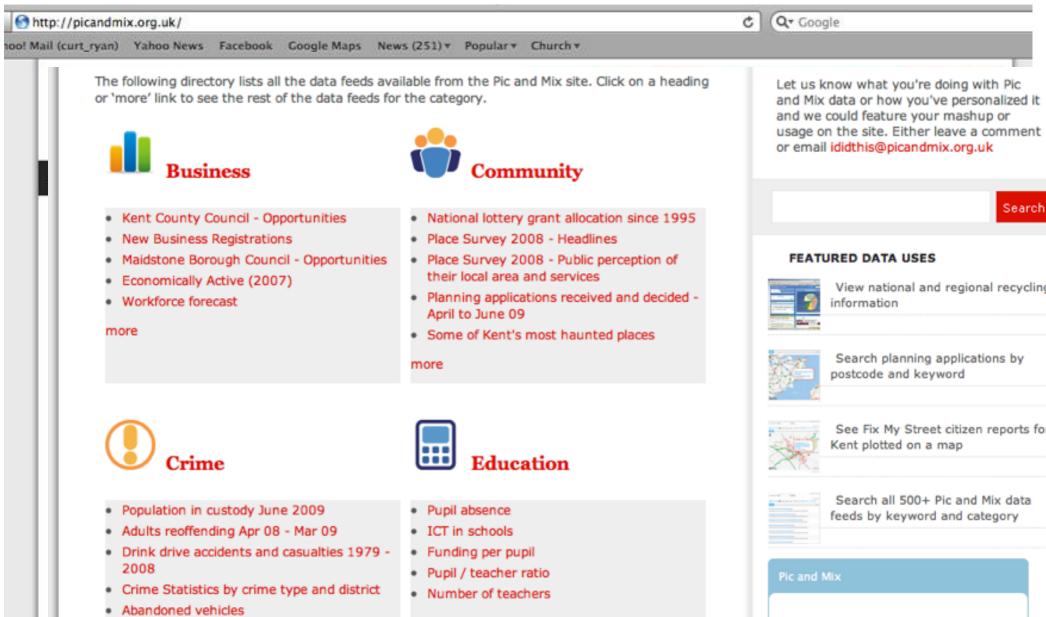


"You can put all the information you want online but isn't it better when you can see the whole picture and not just snap shots? With IBM Mashup Center we are creating new ways to serve our residents, providing easy to use tools that help them make sense of the overwhelming amounts of information available." - Roger Gough, KCC

#### Smarter software for a Smarter Planet.

## picandmix.org.uk





more

more

#### Smarter software for a Smarter Planet.

## How Mashups help citizens do more with local data

## Today



Publish Road Closings to static web page

Contrast Room Charleys & Restletions						
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Citizen goes to web site, navigates to page, reads it, submits email for updates Then what?

- Writes it down
- Makes note in mobile device
- Goes to Google Maps to answer – where is this – is it going to impact my commute?







## To ensure the economic health, welfare and security of their citizens, smart governments are working toward...

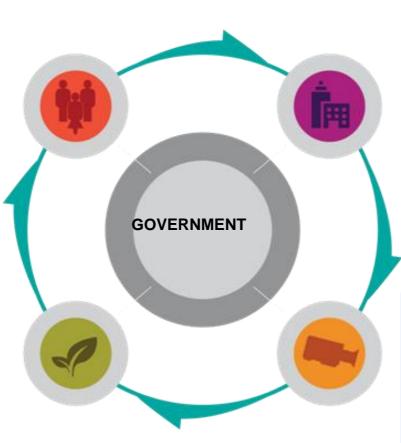
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8



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## 2010 World Cup Futbol Games – South Africa

#### CHALLENGE

In the event of a large-scale emergency, the Virtual Ops Center (VOC) Solution was installed in the new, state of the art Disaster Management Center to coordinate police, firefighters, emergency medical services and government agencies, across the South African Province of Gauteng. The existing communication systems lacked collaborative capabilities, requiring personnel to make numerous phone calls to convey critical information.

### SOLUTION

**VOC Solution** provides effective emergency response with a resilient communications network that people can count on even when power and phone lines are inoperative. Implemented by IBM, the fully integrated, wireless rapid response solution enables seamless interoperability and data exchange, allowing VOC to instantly deliver critical information to responders across the region.

### BENEFITS

40-65% responder productivity increase expected during emergencies

Greater public safety

Multidisciplinary integration serves as a model nationwide





"This IBM portal software is absolutely critical because our on-line center is used to protect and save lives," - Colin Deiner of the Gauteng Disaster Management Center







## **United Nations**



- Customer challenge/need:
  - After the January 12, 2010 earthquake in Haiti, United Nations Department of Field Services' Salem Avan, Chief of Field Technology and Security Service, came to Lotus FSS with a challenge to build a separate Lotus Connections environment in support of identifying missing UN mission personnel working in Haiti, as soon as possible.
- Solution summary:
  - On January 22, Lotus FSS along with Lotus Level 2 Support and the Connections development teams delivered a new fully operational Lotus Connections 2,5.0.1 environment.
- Customer results:
  - Two wikis were created: one for UN Personnel Missing, and the other for UN Personnel Identified.
  - UN personnel posted questions in the "UN Personnel Missing" wiki for unknown/unaccounted UN personnel.
  - Unofficial known and identified UN personnel "whereabouts" were posted to the "UN Personnel Identified" wiki.
  - Key UN Communications team members reporting to the UN Secretariat General were identified as moderators for the Wikis.









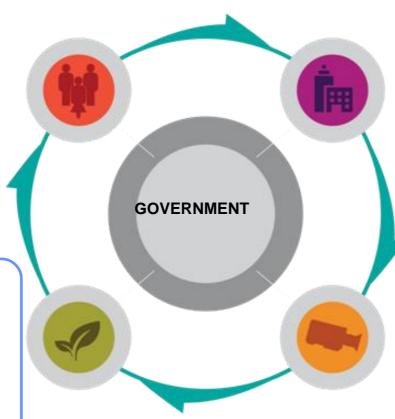
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## "Green 2.0" Green government portal solution for Drinking Water Ontario



http://www.ontario.ca/ONT/portal51/drinkingwater/

 The Canadian Ministry of the Environment is using WebSphere Portal to interface with the public, academic researchers, industry groups and non-governmental organizations
 Public can access only aggregated information about their regulated drinking water supply and other area's drinking water supplies for general purposes

•Drinking Water Partners can access only their own detailed profile information for the purposes of ensuring it is current and providing periodic updates to the Ministry

 Local Medical Officer of Health can access current test results for drinking water systems and communicate with Ministry inspectors on adverse water quality incidents
 Ministry Emergency Officials can issue alerts and updates on spills and drinking water

and updates on spills and drinking water emergencies

•Users require accurate information to **conduct inspections** of drinking water systems and private laboratories, **review submissions** and issue approvals, record and **monitor drinking water test results**, respond to **emergency situations** and formulate policy and **drinking water standards** 







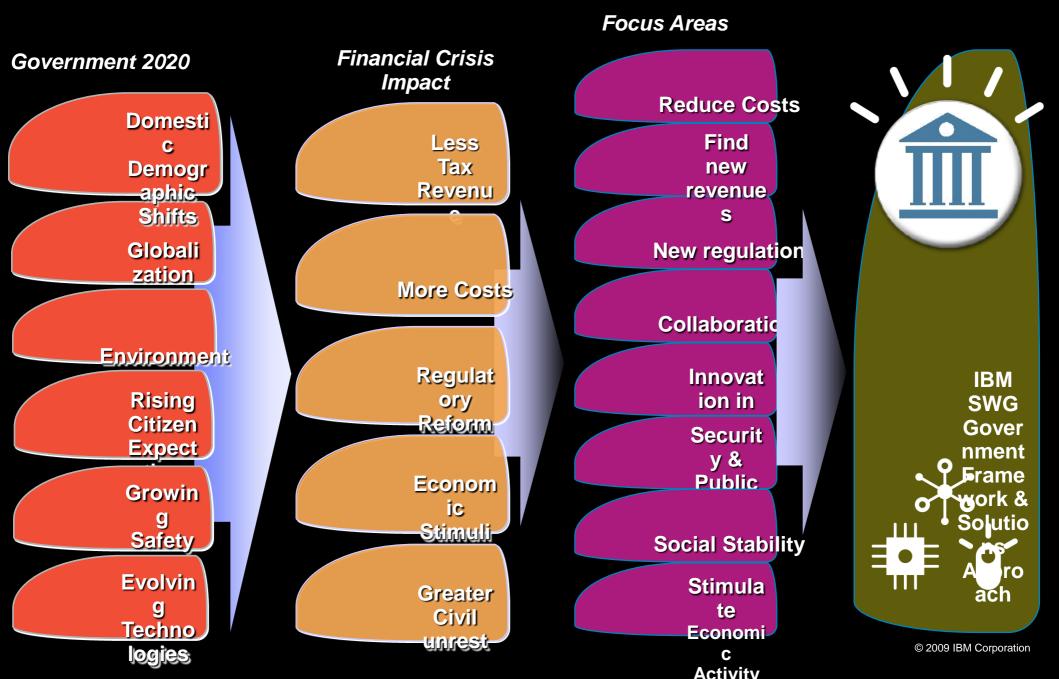






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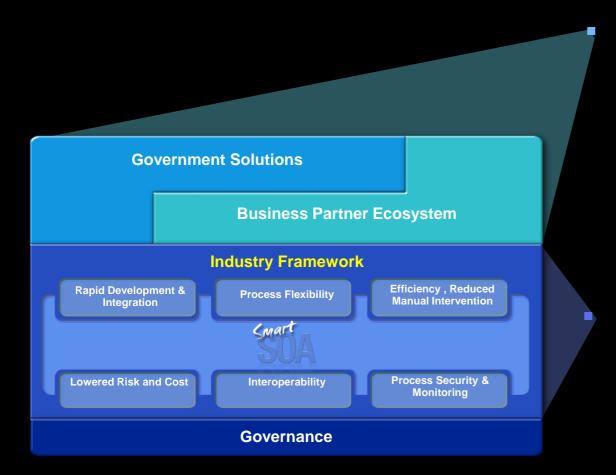
## A Strategy to Support transformation to smart Government



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### The IBM Solution Strategy to a smarter government Leverage Industry Frameworks that clearly Link Business and IT



Provide solution offerings based on industry assets and best practices that enable agile and efficient government operations

Provide a **framework** that creates flexibility and accelerates the deployment and integration of multiple smart solutions

### Lotus knows.

Smarter software for a Smarter Planet.

# IBM's solution strategy is aligned with the needs of national, regional and local governments.

GOVERNMENTS ARE FOCUSED ON	IBM IS LEADING IN	
Social services and social security	Multi-channel delivery Automated data collection and analysis Infrastructure transformation	
Customs and Borders Management		tity management ncial management
National Security and public safety		net security ile operations
Transportation	Fleet and asset management (MRO) Trans	d usage charging sportation informat agement
Communications	Community broadband networks Mobile worker support	
Finance. Taxation, Revenue Management	E-tax filing Non- Audit management	filer assessment

# The Lotus Mission: Smarter Collaboration

### Reduce costs

to improve the effectiveness of your people while optimizing your costs

- Build deeper relationships to work more closely with your clients and partners to protect your revenue streams
- Increase workforce productivity

to improve the agility of your business and quality your results

### Spur innovation

 $\square$ 

to position your company to grow while surviving the downturn

## **The Lotus Mission:**

Empowering people to be **more** effective, responsive and innovative in the context of the work they do

REDUCE COSTS WORKFORCE PRODUCTIVIT





## The Lotus Business Platform





# Solution Delivery Strategy



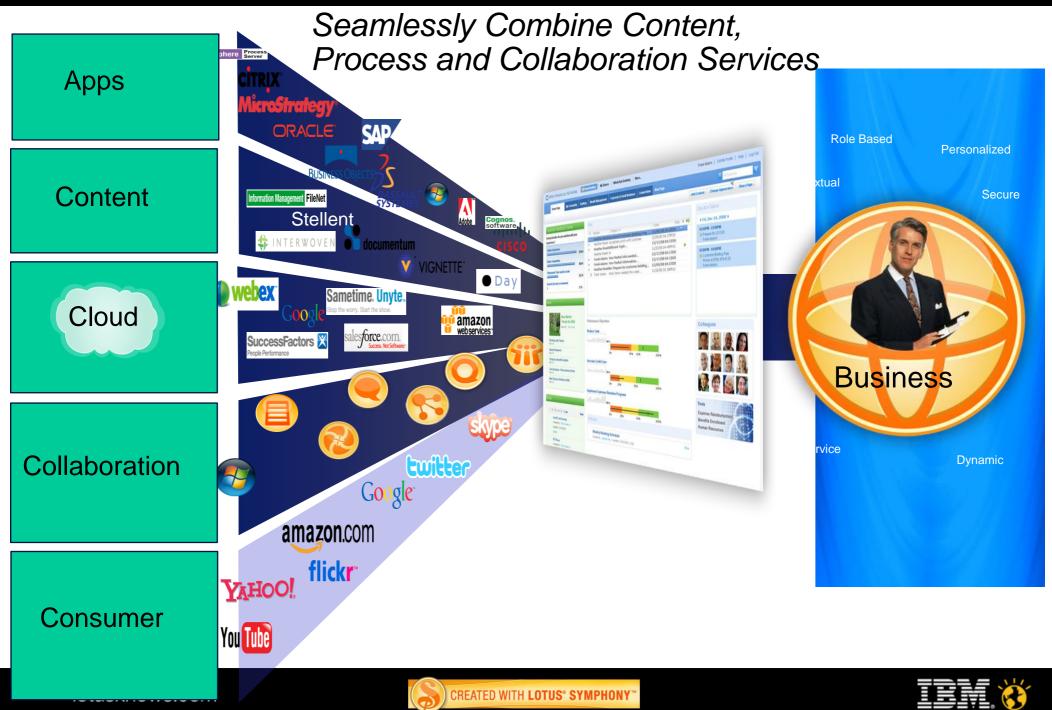
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Smarter software for a Smarter Planet.



**Translating** technological innovation into industry-specific contexts

**Industry Specific Teams** focused on your business and your people

The Conversation is about how to advance your business objectives









## **Industry Specific ROI Metrics** around collaboration capabilities

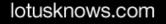
Insurance

### Healthcare



### Banking

### Government





# collaboration agenda

## Making easier for people to work with business process



- Integrating collaboration with Business process
- Shorter process cycle times
- Allowing people to work the way they want to work
- Optimizing the talent

### Aligning the Collaboration Technology to Business Outcomes

collaboration Bagenela



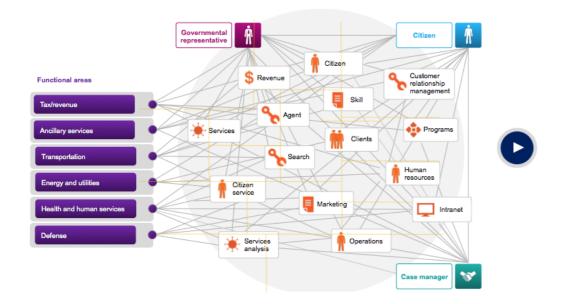
### Government business outcomes map Targets collaboration to the greatest value for individual organizations







### How can you help people find experts, collaborators and information? By adopting a smarter, more integrated collaboration approach

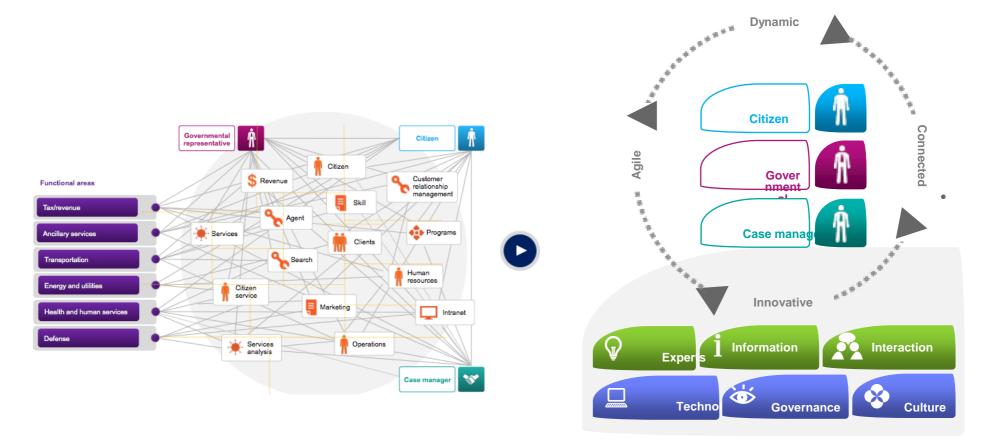








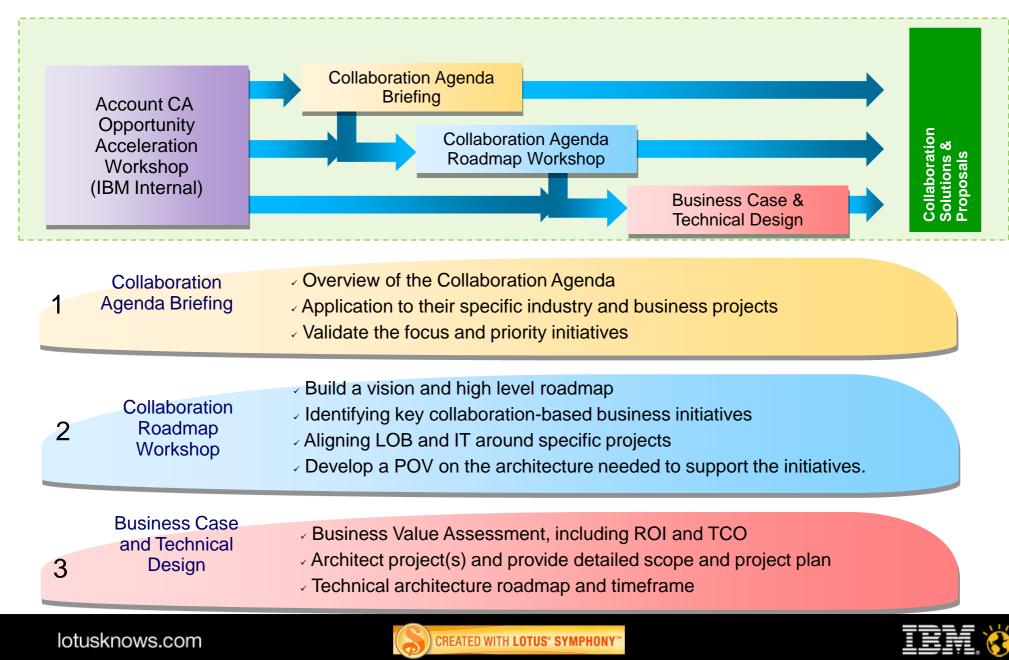
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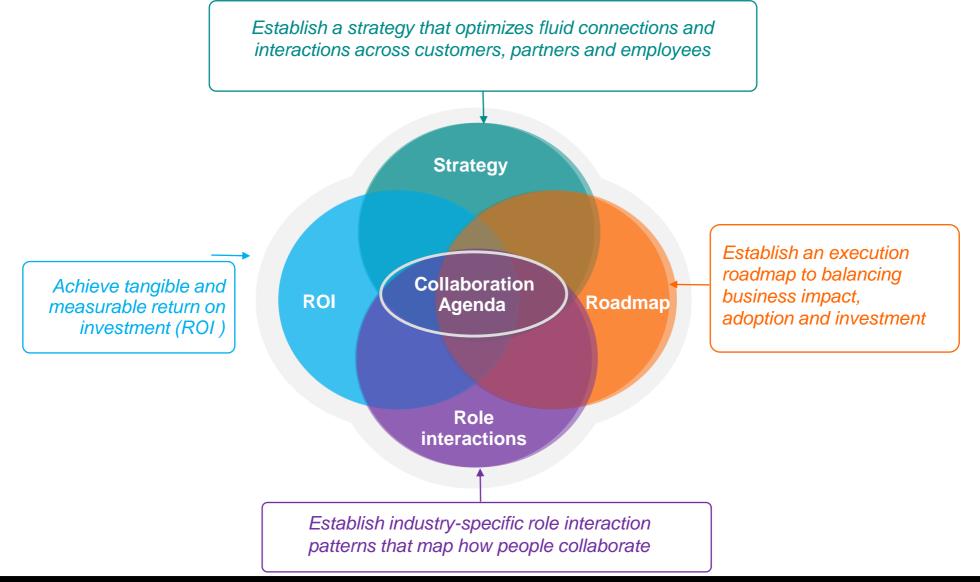
# CURRENT STATE



# Collaboration Agenda – Working with the Customer

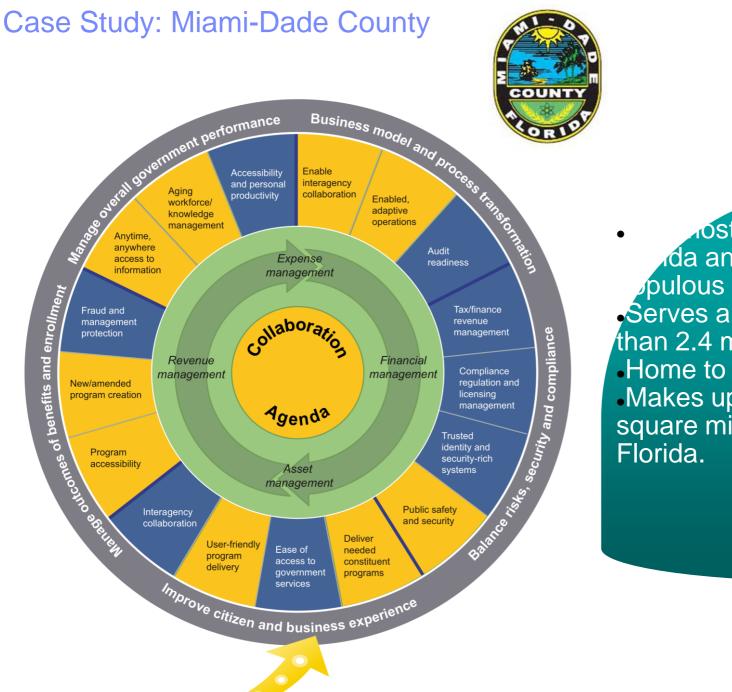


# The industry-based *IBM Collaboration Agenda*<sup>™</sup> rapidly creates a roadmap to deliver Return On Investment







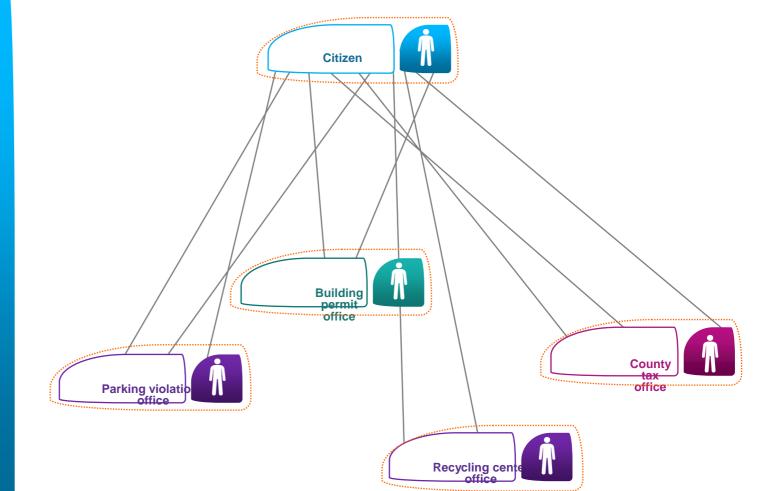


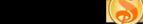
Additional and the ninth most pulous county in the US
Serves a population of more than 2.4 million people
Home to 35 incorporated cities
Makes up approximately 1,950 square miles in southern Florida.

### The challenge: Get the right information and capabilities to citizens State of collaboration prior to solution implementation

### d government

- Extensive paperwork and legwork required to perform simple tasks, such as paying a ticket
- Dispersed and difficult-to-find information
- Physical involvement by a county employee needed for every interaction with a citizen
- Citizens required to visit office in person for many simple transactions
- Some latency related to these activities, resulting from difficulty in making payments and inefficiency
- No central access point for agency and office contact information that is specific to the location of citizens

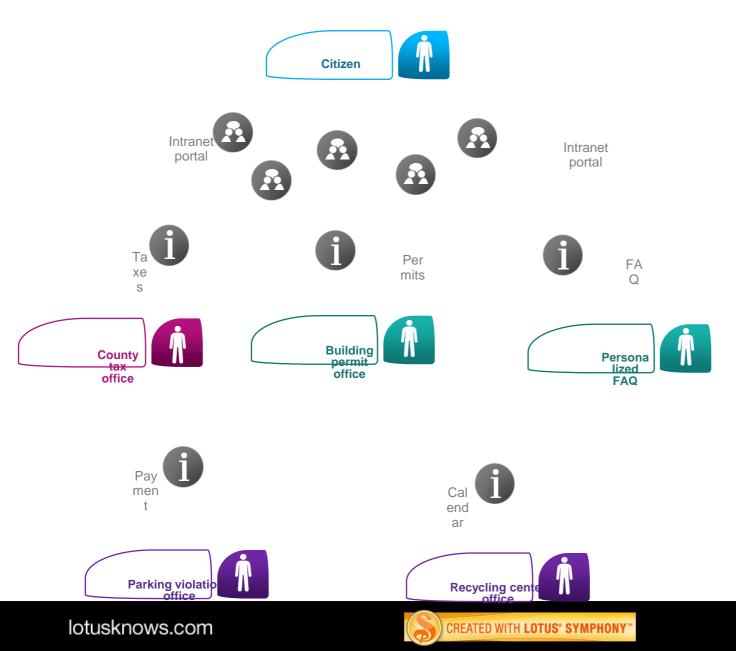






### The solution: An easy-to-use centralized access point

State of collaboration after implementation of the Lotus solution



### county functions via the net portal

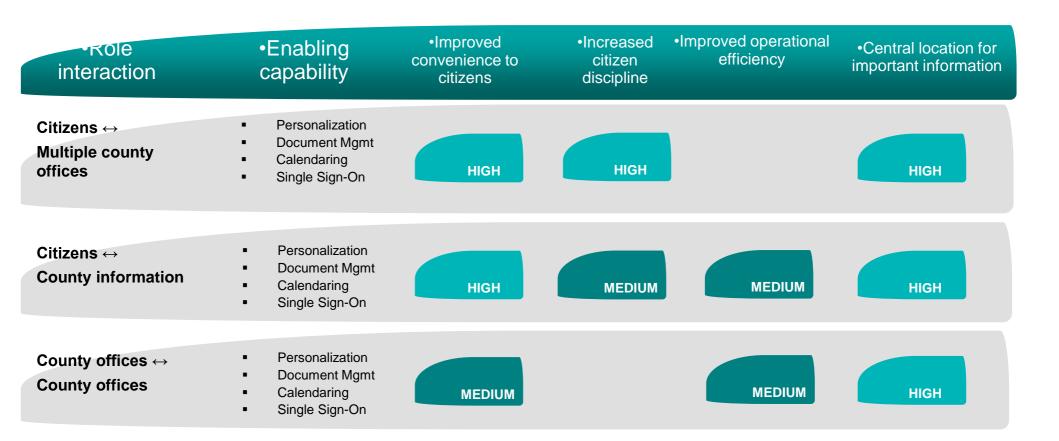
- Gives users access to multiple county offices from one convenient, centralized location
- Eliminates the need for citizens to go into an office to complete some transactions
- Encourages discipline in activities such as recycling and paying tickets
- Minimizes the need for involvement of county employees in transactions

### nformation

- Provides customized calendar and county contact information based on the addresses of users
- Increases the relevance of portal data to users



# The county is now able to provide new levels of access to relevant information to the citizens of Miami-Dade



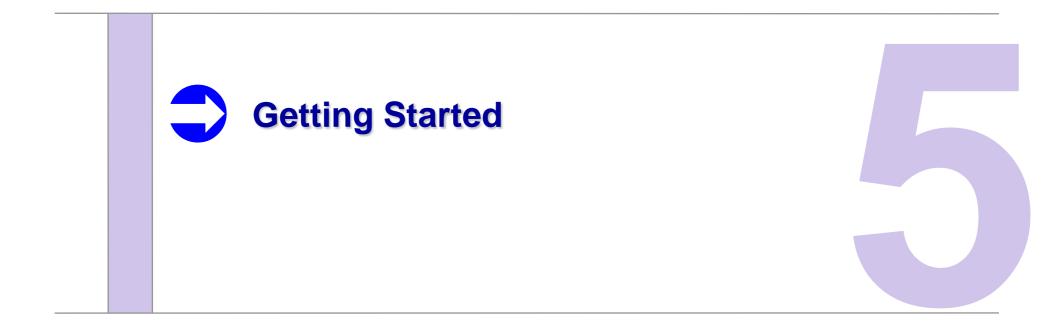
"This portal has greatly increased our employee efficiency and also made many processes much more convenient for our citizens."

-Miami-Dade County









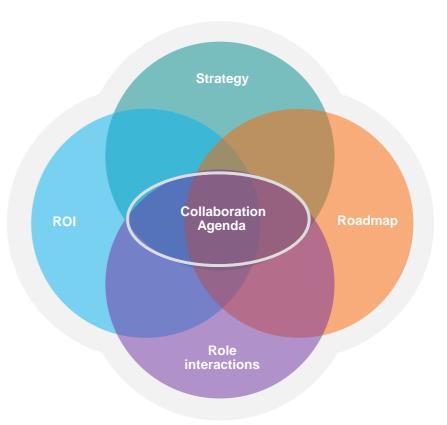






### Do I Need the Collaboration Agenda?

- Are you trying to work out the Business Value to your organisation of Web 2.0?
- Do you need to provide a greater level of access to expertise and content, while reducing operational costs?
- Do you use Sharepoint for document collaboration, but need to be able to provide this type of collaboration in the context of actual business processes?
- Do you need to extend the investment you have made in legacy systems and business applications, while providing a modern, role based and scalable interface to these systems?
- Do you need to provide ways for your employees to safely connect to partners and customers/citizens in order to seek feedback on policies, services and products?







## Summary

- Trends that are driving government priorities today
- Innovative solutions that governments are deploying
- IBM Collaboration capabilities for Government portals and collaboration
- The Collaboration Agenda

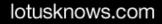




**Brent Lello** Industry Sales Specialist - Government Collaboration Tiger Team IBM Software Group

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