

# Lotus knows.

Smarter software for a Smarter Planet.

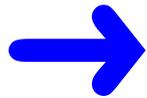
## Government Collaboration Making the Value of People's Interactions Real

**Simon Lee** | Regional Manager, Portal Solutions, IBM  
Software Group ASEAN

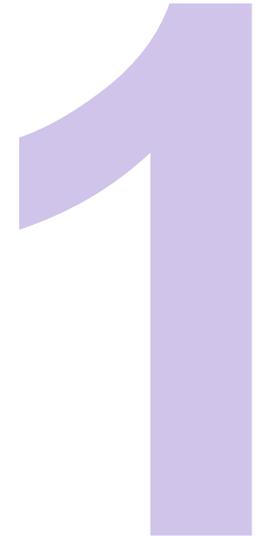


## Agenda

- What trends are driving government priorities today?
  -
- What types of innovative solutions are governments deploying?
  -
- What types of capabilities does IBM offer in the government portal and collaboration space?
  -
- The Collaboration Agenda and Industry Framework for Government



## What Trends are Driving Government Priorities Today?



## IBM's *Government 2020* report describes a world faced by forces beyond individual nations' control



“Perpetual collaboration” will be essential for government effectiveness in tomorrow’s world

Source: *Government 2020 and the Perpetual Collaboration Mandate*, IBM Institute for Business Value study, 2008

⊕ The global financial crisis is one manifestation of the global, interconnected economy



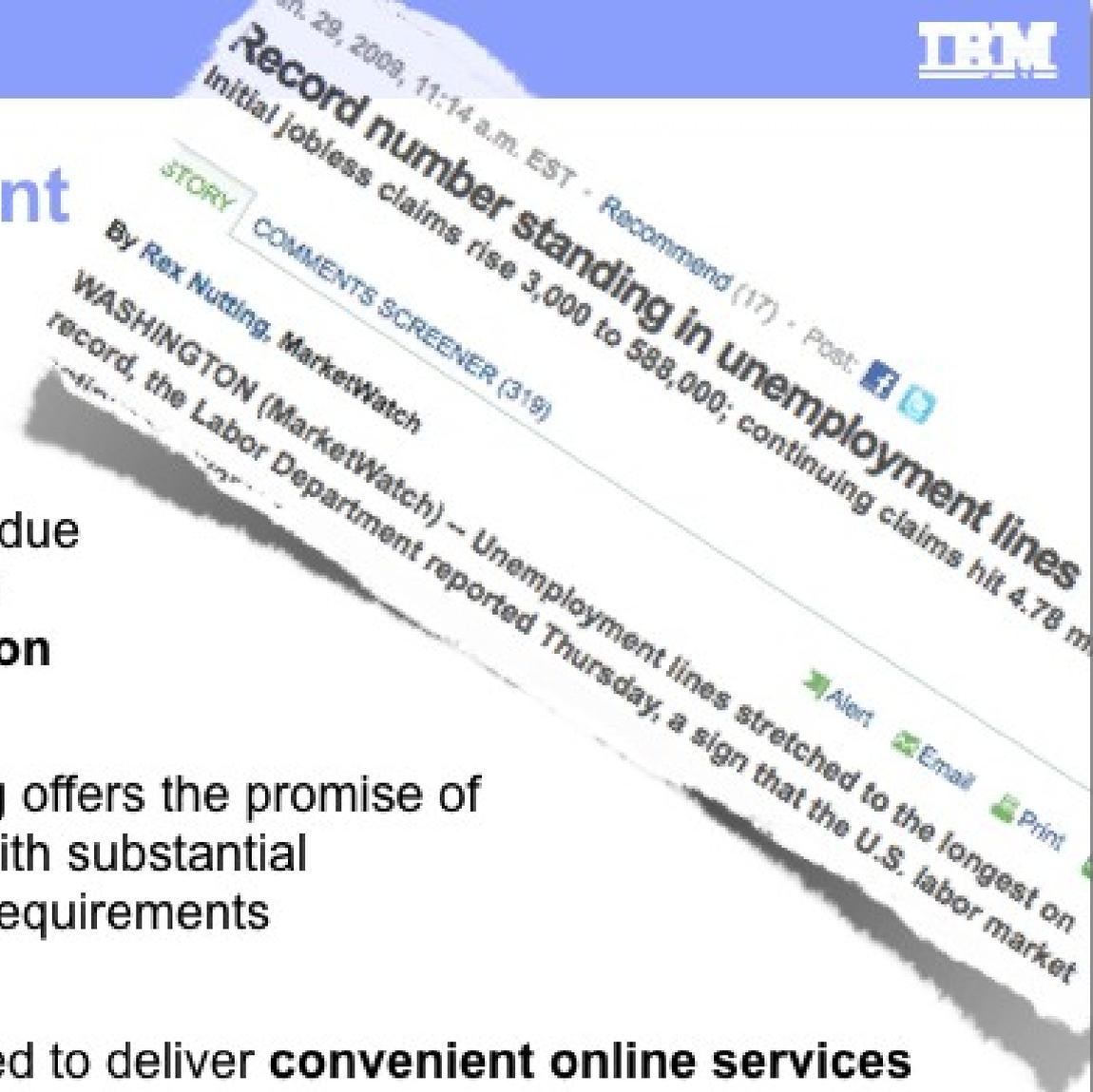
⊕ Now more than ever, Public Sector Leaders are challenged to drive transformational change in ways they have never done before

- ❖ Across all branches of government
- ❖ Across jurisdictions
- ❖ Across sectors
- ❖ Across nations



# The Current Environment for Governments

- Record numbers of citizens are applying for government benefits due to the **global financial crisis** and **longest recession in a generation**
- **Government stimulus spending** offers the promise of increased program funding, but with substantial **transparency and compliance** requirements
- Governments are being challenged to deliver **convenient online services** 24x7 even with **shrinking budgets**
- **Citizens are Web savvy** and expect the same services and personalization from government entities as they receive from private sector retailers



Smarter software for a Smarter Planet.

## Constituents, and a new generation of Government Employees, are pushing for modern technologies

- This year, the first generation of Web and social network-savvy youth (those who were born after the popularity of the Internet) graduate from high school...***and will enter the workforce over the next 6 years***

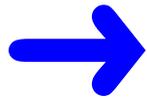


The social network and blogging audience is becoming more diverse in terms of age: ***the biggest increase in visitors during 2008 to “Member Community” Web sites globally came from the 35-49 year old age group (+11.3 million)***<sup>1</sup>

***One in every 11 minutes online*** globally is accounted for by social network and blogging sites.<sup>1</sup>



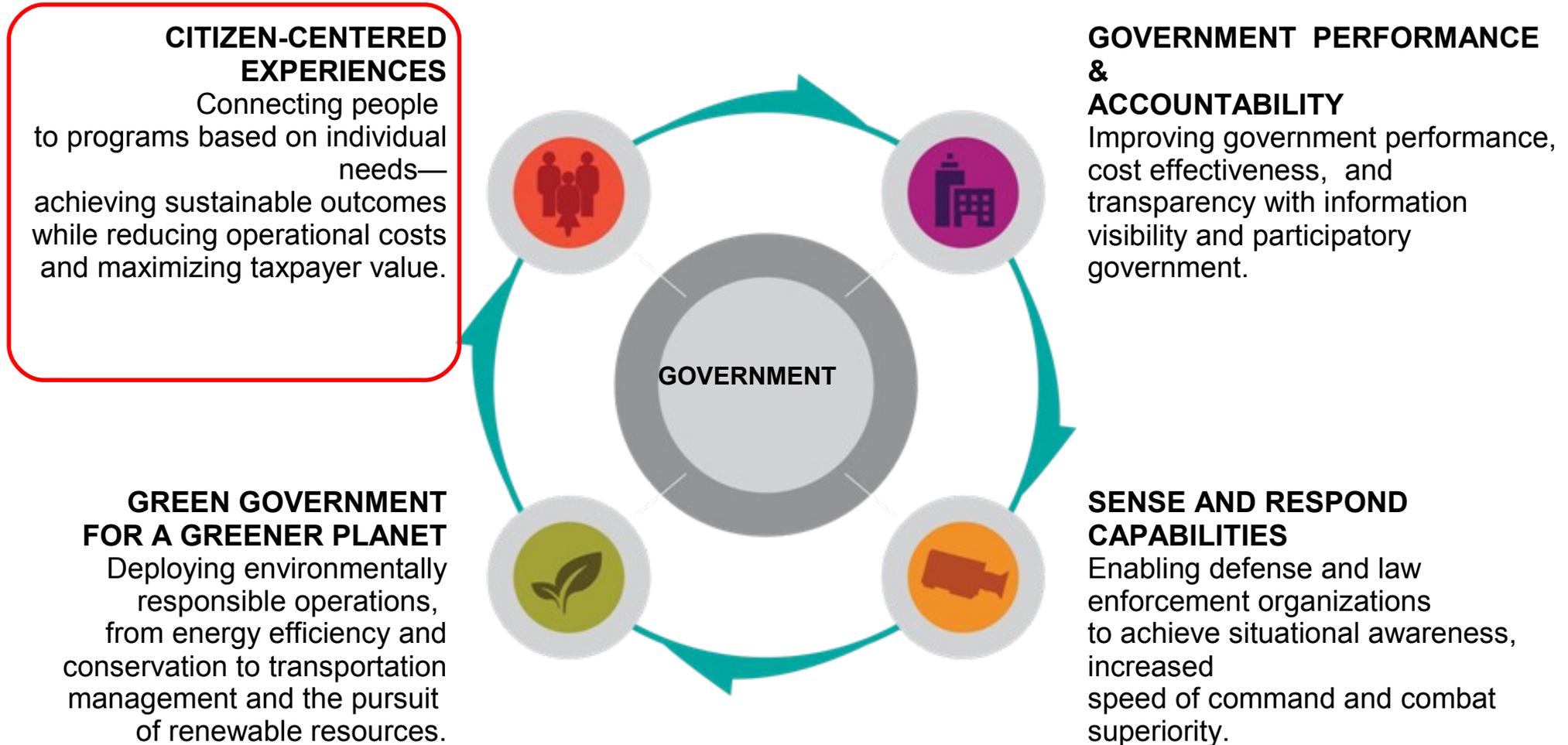
<sup>1</sup>Source: Nielsen-Online [http://www.nielsen-online.com/pr/pr\\_090309.pdf](http://www.nielsen-online.com/pr/pr_090309.pdf)



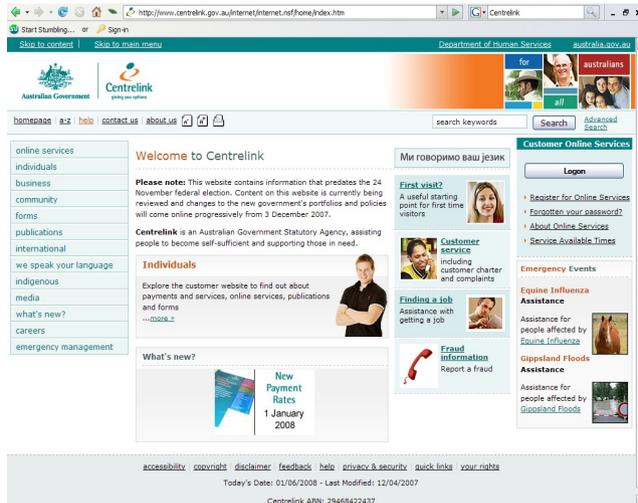
## What Types of Solutions are Governments Deploying?

# 2

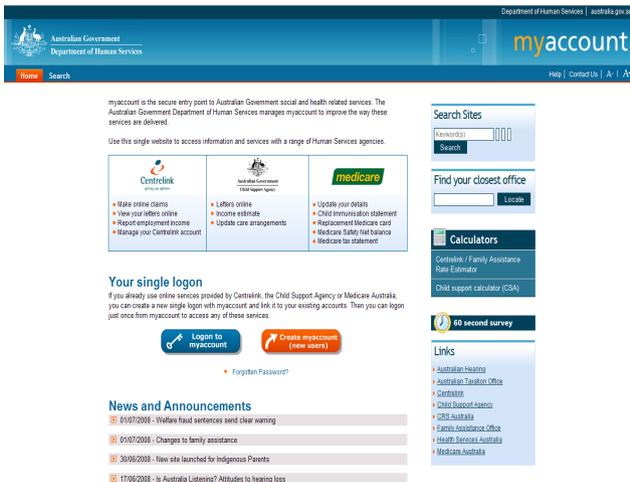
To ensure the economic health, welfare and security of their citizens, smart governments are working toward...



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



<http://myaccount.centrelink.gov.au>



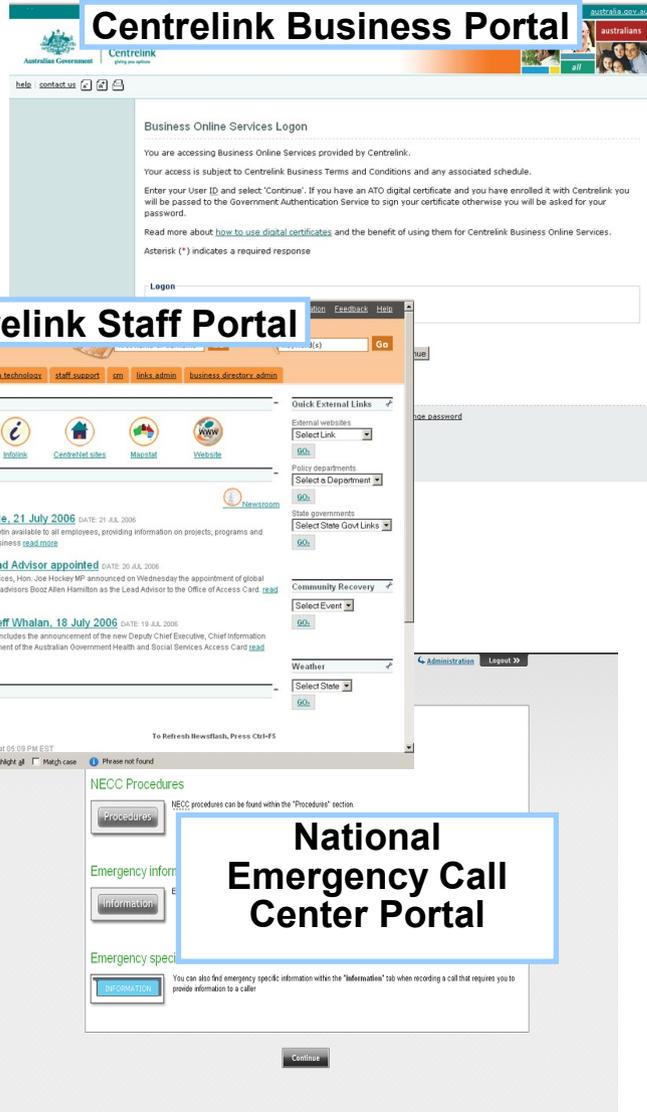
<http://myaccount.humanservices.gov.au>

- **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
- Aggregated News via RSS

## 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

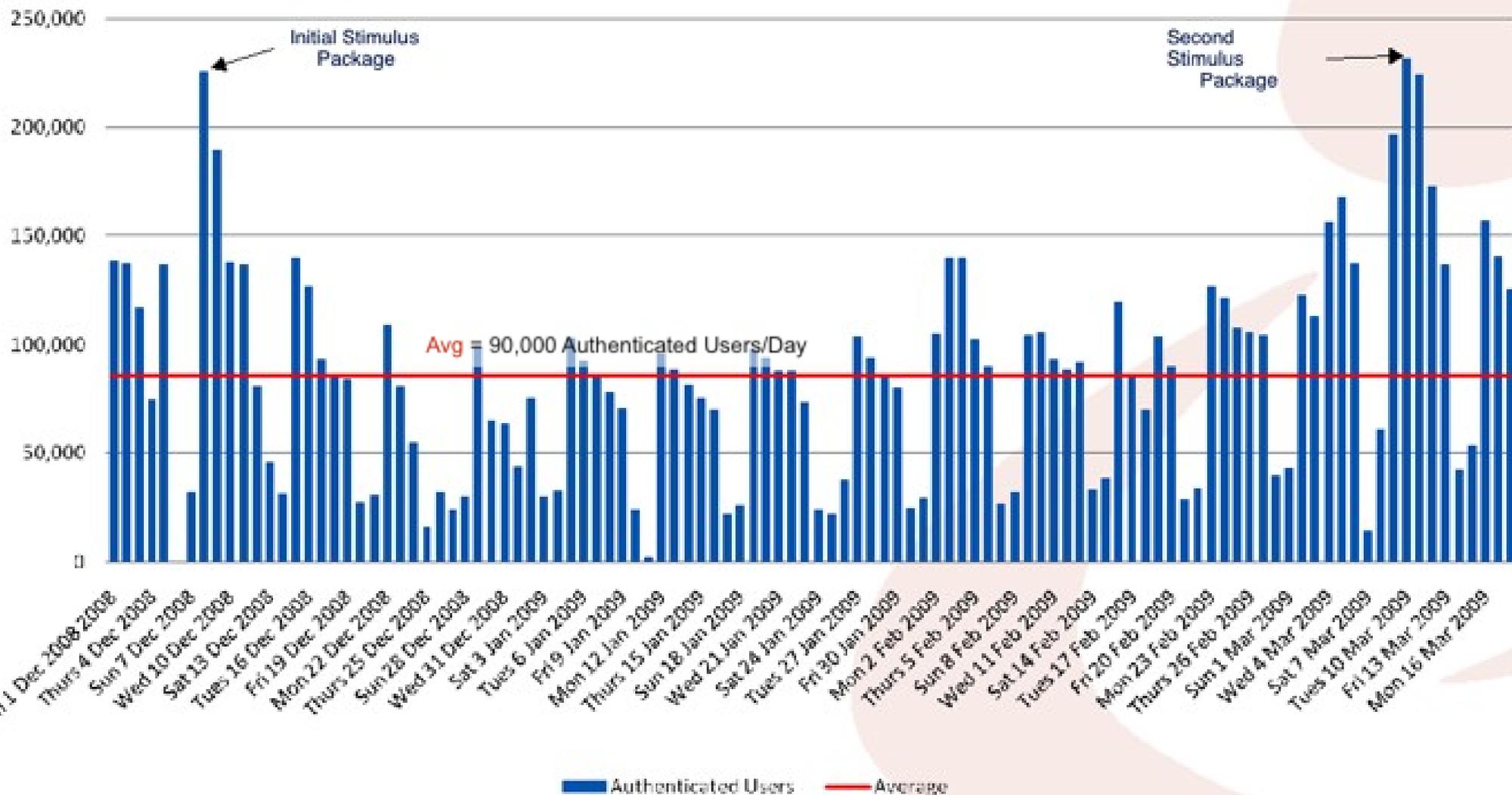
- Process-centric, Authenticated, AJAX Compliant,
- Rich Functionality. Performance, Scalability, Single Sign-On



Australian Government



# 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**

**Staff Online**  
28 AUGUST 2008

PHONEBOOK type, then press enter Go SEARCH keyword(s) Go

home my tasks customer service corporate information technology staff support cm links.admin business.directory.admin

My Tasks Show: All Tasks

Task	Created	Description	Claimed	Details
<input type="checkbox"/> Verify and Modify Data	8/27/08 11:51:28 AM	Verify details on screen a...	<input type="checkbox"/>	<a href="#">Details</a>
<input type="checkbox"/> Verify and Modify Data	8/27/08 11:47:48 AM	Verify details on screen a...	<input type="checkbox"/>	<a href="#">Details</a>
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Verify and Modify Data			<input type="checkbox"/>	
<input type="checkbox"/> Approve Change			<input type="checkbox"/>	

**Staff Online**  
29 AUGUST 2008

PHONEBOOK type, then press enter Go SEARCH keyword(s) Go

home my tasks customer service corporate information technology staff support cm links.admin business.directory.admin

Verify and Modify Data

Reference: [View document](#)

CRN: 123456789A

First Name: Two

Last Name: Scanning

Existing Email: twoscanning@hotmail.com

Update Email To: [twoscanning@hotmail.c

Submit Cancel

Legal information

**Staff Online**  
29 AUGUST 2008

PHONEBOOK type, then press enter Go SEARCH keyword(s) Go

home my tasks customer service corporate information technology staff support cm links.admin business.directory.admin

Approve Change

Reference: [View document](#)

CRN: 123456789A

First Name: Two

Last Name: Scanning

Email: twoscanning@hotmail.com

Approve Cancel

History

Action: Data Received  
Date: 28 August 2008

Action: Task Claimed  
Date: 28 August 2008  
By: [Phillip Bower](#)

Action: Data Verified  
Date: 28 August 2008  
By: [Phillip Bower](#)

Personal information

**Phillip Bower**  
IT Manager and Digitisation Architect

Office email: philip.bower@centrelink.gov.au  
Personal email: Phillip.Bower@GOVCSA

Mobile # 02 61550808  
Fax # 02 61550825

Building: Caroline Chisholm Centre  
Floor: 5th 3 Green

PHOTOBOOK type, then press enter Go SEARCH keyword(s) Go

home my tasks customer service corporate information technology staff support cm links.admin business.directory.admin

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Phillip Bower  
IT Manager and Digitisation Architect  
Floor: 5th 3 Green | Office: Caroline Chisholm Centre  
02-61550808  
philip.bower@centrelink.gov.au

Profile Communities Blogs Dogear Activities

Australian Government Centrelink giving you options

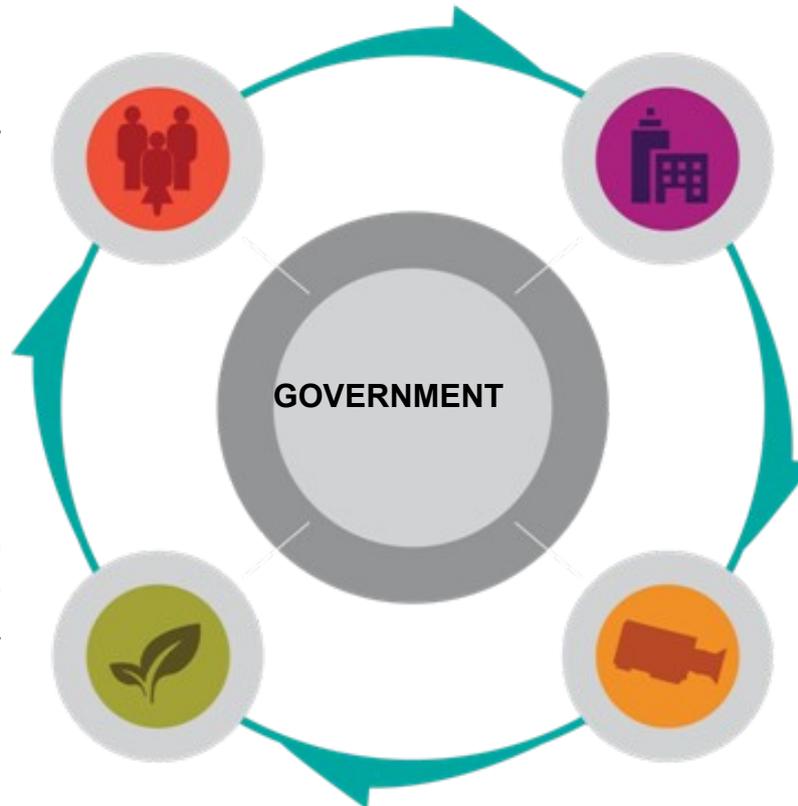
BlackBerry

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Connecting people to programs based on individual needs—achieving sustainable outcomes while reducing operational costs and maximizing taxpayer value.



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**GREEN GOVERNMENT FOR A GREENER PLANET**

Deploying environmentally responsible operations, from energy efficiency and conservation to transportation management and the pursuit of renewable resources.

# “Data Democracy” has become a hot topic in government transparency

## NASCIO calls for st

E-mail | Print | BOOKMARK | Take Us With You | Buzz up!

By [Joab Jackson](#)

## White House Issues Open Government Directive

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

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

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.

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

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](#)

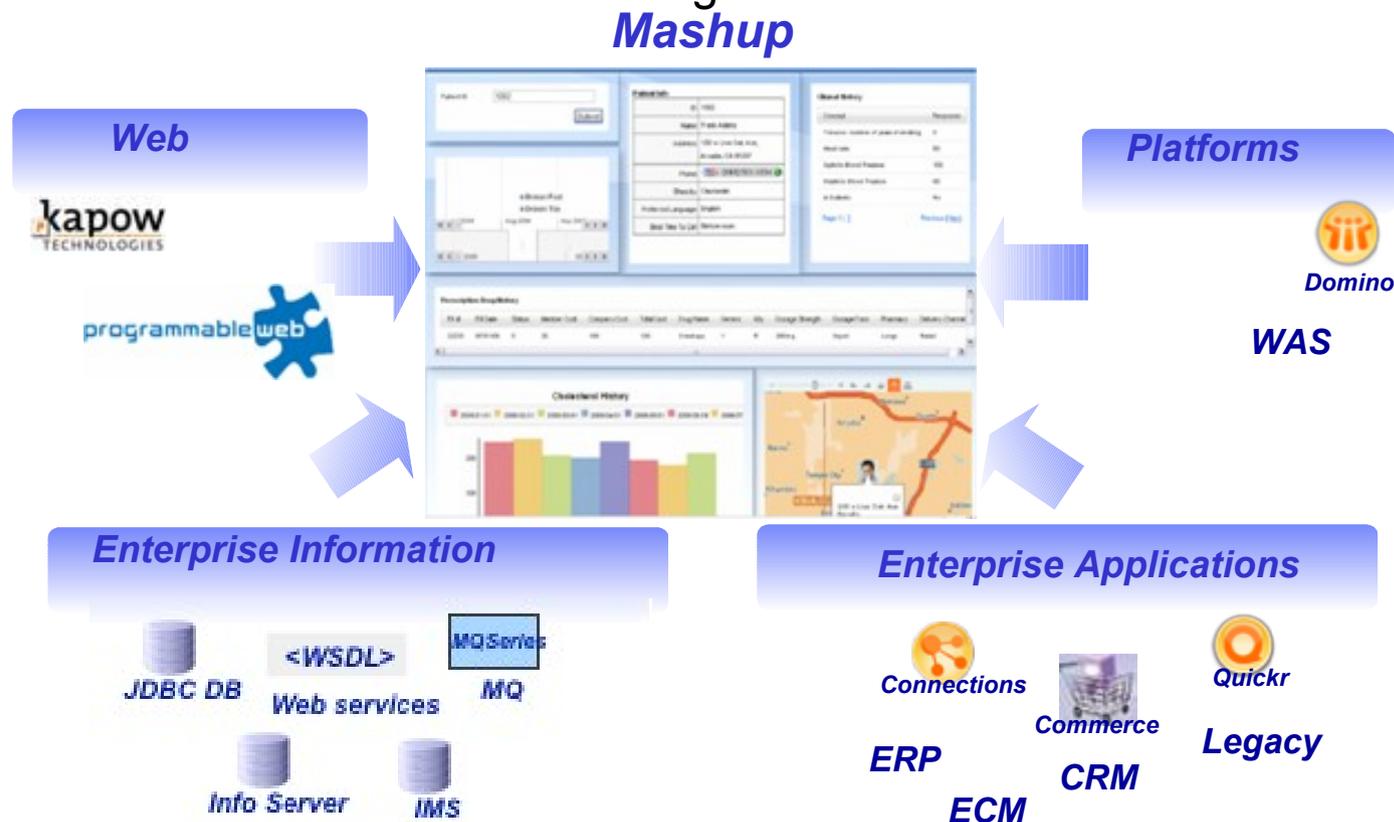
The new strategy was outlined in a [blog post](#) by OMB director Peter Orszag, and the [Open Government Directive](#) and an [open government progress report](#) are available for download on [WhiteHouse.gov](#).

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

# 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.

- Rapid creation (days not months)
- Reuses existing capabilities, but delivers new functions + insights
- Requires less technical skills
- Often mixes internal and external sources



## What goes into a Mashup?

A **widget** is a small application or piece of dynamic content that can be easily placed into a web page

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

### Find a General Practitioner (Doctor) Mashup

- 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



GP Name	Practice	Address	Location	Postcode	Phone	Practice Name
Dr Agarwal V	The Medical Centre	Gun Lane Strood	Rochester	ME2 4UW	01634 726555	Medway PCT
Dr Ahmed Q W	Summerhouse Medical Practice	Beaconsfield Road	Maypole Bexley	DA5 2AE	01322 402210	WEST KENT PCT
Dr Akyol A & Partners	100 Newington Road	Ramsgate	Kent	CT12 6EW	01843 595951	EASTERN AND COASTAL KENT PCT
Dr Ali I M	The Halfway Surgery	68 New Road	Chatham	ME4 4QR	01634 828665	Medway PCT

**"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**

http://picandmix.org.uk/ Google

Yahoo! Mail (curt\_ryan) Yahoo News Facebook Google Maps News (251) Popular Church

The following directory lists all the data feeds available from the Pic and Mix site. Click on a heading or 'more' link to see the rest of the data feeds for the category.



## Business

- Kent County Council - Opportunities
- New Business Registrations
- Maidstone Borough Council - Opportunities
- Economically Active (2007)
- Workforce forecast

[more](#)



## Community

- National lottery grant allocation since 1995
- Place Survey 2008 - Headlines
- Place Survey 2008 - Public perception of their local area and services
- Planning applications received and decided - April to June 09
- Some of Kent's most haunted places

[more](#)



## Crime

- Population in custody June 2009
- Adults reoffending Apr 08 - Mar 09
- Drink drive accidents and casualties 1979 - 2008
- Crime Statistics by crime type and district
- Abandoned vehicles

[more](#)



## Education

- Pupil absence
- ICT in schools
- Funding per pupil
- Pupil / teacher ratio
- Number of teachers

[more](#)

Let us know what you're doing with Pic and Mix data or how you've personalized it and we could feature your mashup or usage on the site. Either leave a comment or email [idadthis@picandmix.org.uk](mailto:idadthis@picandmix.org.uk)

### FEATURED DATA USES



View national and regional recycling information



Search planning applications by postcode and keyword



See Fix My Street citizen reports for Kent plotted on a map



Search all 500+ Pic and Mix data feeds by keyword and category

Pic and Mix

# How Mashups help citizens do more with local data

## Today

Publish Road Closings to static web page



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?

## With Mashups

In 5 minutes create a feed that updates automatically with new road closings



Make feed available in catalog

Use feed to create Street Closing Mashup – in 20 minutes

Citizen views mashup, sees immediately location of closings, timeline of reopening



Mobile



3<sup>rd</sup> Party Apps



Smarter software for a Smarter Planet.

# Smart Energy Mashup Example

Instead of Weekly



1 day

- Download DOE Spending xls



- Search for Smart Grid <No Data>



- Visit Dept Site
- Scan application
- Download xls

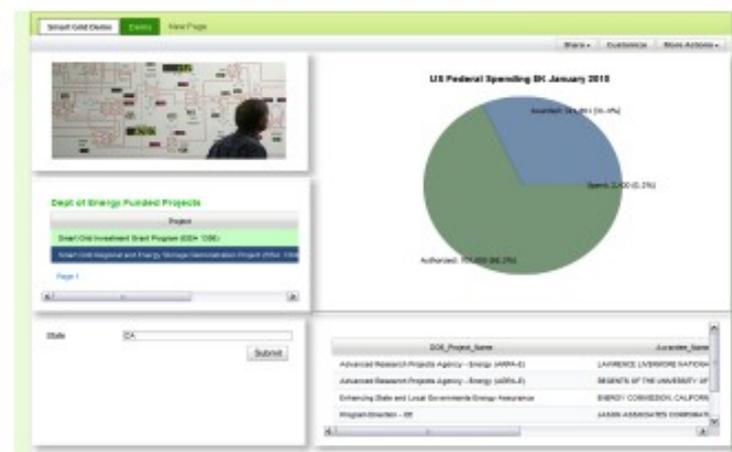


- Search for data
- Tabulate by state
- Create chart
- Update presentation

Create application in < 1 hour

- Download xls
- Create feed
- Specify data in the mashup

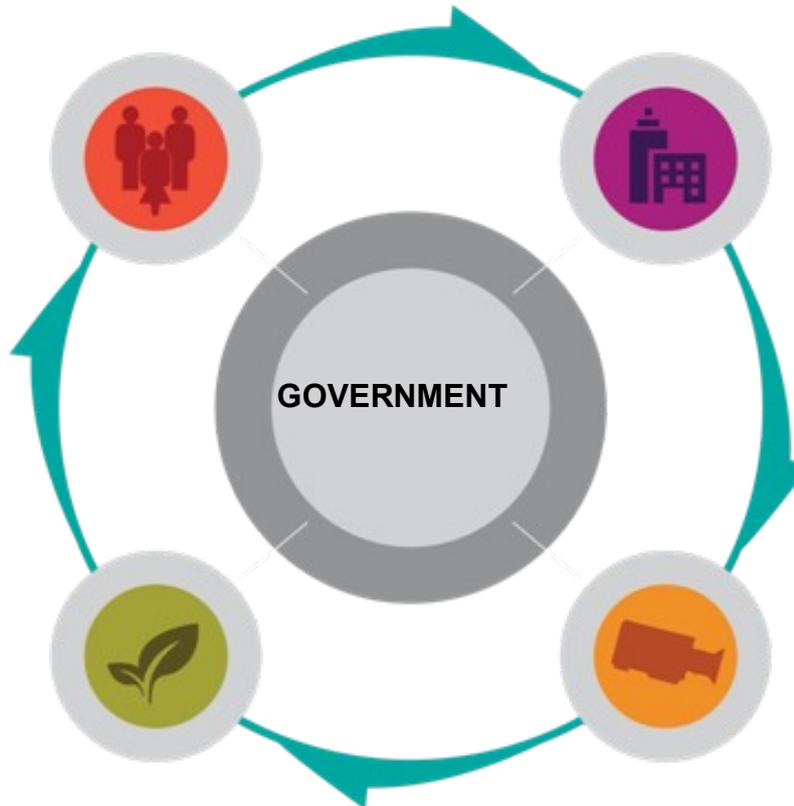
- Assemble page
- Save Page
- Share Page
- Any changes to data automatically refresh the page



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

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Connecting people to programs based on individual needs—achieving sustainable outcomes while reducing operational costs and maximizing taxpayer value.



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## New York City Police Department

### ▪Challenge

–An innovation leader in tactics, NYPD needed to more effectively exploit its data resources to strengthen its processes

–By integrating its siloed crime data systems, NYPD gets a more holistic view of information it can act on more rapidly

### ▪Solution

–IBM created a real-time Crime Information Warehouse delivered via WebSphere Portal that makes NYPD more proactive and effective in fighting crime

### ▪Key Benefits

–Ability to redeploy resources in response to crime patterns and trends

–Ability to resolve crimes and apprehend criminals more quickly



*The New York City Police Department (NYPD), the largest police department in the United States, has primary responsibility for law enforcement and investigation within the five boroughs of New York City. The NYPD has approximately 37,000 sworn officers.*

***“Investigators that once spent a huge slice of their time chasing down information can now access all of it through a single, portal-based interface based on IBM WebSphere Portal....***

***Freed from low-value data gathering, officers can now turn to the higher value, more analytical activities they are trained to do...”***

## BH City Police Bureau

### Citizen safety with advanced surveillance and intelligence portal solution

#### The Need:

BH City is one of the most **famous tourist destinations** in northern **China**. However, in recent years, **public security issues** such as **drug trafficking** and **pyramid selling schemes** have become increasingly severe.

To help ensure the **safety of its citizens**, the BH City Police Bureau wanted to launch a **Safe City Project**, which would include **greater surveillance** across the city, as well as better **preparatory measures** for **events** coming to the city.

#### The Solution:

The BH City Police Bureau leveraged IBM technology to build a **centralized security surveillance system** that collects information from across the city—via integrated a **geographic information system (GIS)**, **video**, **audio** and other **surveillance devices**—and analyzes current and historical information to improve citizen safety. The system will allow the bureau to more accurately plan the **deployment of police** and more effectively **maintain order** and **stability** in the city.

#### What Makes It Smarter:

Enhances citywide safety by collecting **security footage** from **video**, **audio** and other **surveillance devices**

Heightens efficiency by gathering information from devices, **call centers** and **GIS** solutions and **filtering** it into a centralized **data integration** and **analysis portal**

**Improves strategic decision making** for city events and affairs by analyzing historical data collected from the devices and call centers

***“We are now much better equipped to handle our day-to-day needs, as well as to identify and plan for events based on historical data. The IBM-based solution has improved the way we protect citizens.***

*—BH City Police Bureau*

#### Solution components:

- IBM WebSphere Portal Server
- IBM InfoSphere® Replication Server
- IBM WebSphere® Application Server Network Deployment
- IBM WebSphere Enterprise Service Bus

## 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***

<http://www.03.ibm.com/press/us/en/pressrelease/24507.wss>

## Boeing and the Federal Aviation Administration: using IBM Mashup Center to resolve emergencies

- **Enable government officials (FAA) to quickly identify the nearest airport that can safely handle an incoming aircraft for emergency response**

The screenshot shows the 'Boeing Usable Airports Search' application. It features a search form on the left, a map of the Los Angeles area in the center, and several data tables on the right. Callouts point to specific features: 'Select a location' points to the search form; 'View functioning airports' points to a table listing airports like LOS ALAMITOS AAF and LOS ANGELES INTL; 'View details for runway to assess fit with aircraft needs' points to a table showing runway details (Length, Width, Surface type); and 'Visually assess nearest airport for proximity' points to the map.

**Select a location**

**View functioning airports**

Airport Name	ICAO	Runway
LOS ALAMITOS AAF	KSLI	1
LOS ANGELES INTL	KLAX	1

**View details for runway to assess fit with aircraft needs**

Length	Width	Surface type
10285	150	CON

**Visually assess nearest airport for proximity**

**Airport Details**

Airport Name	Location	ICAO	Latitude	Longitude	Elevation
LOS ANGELES INTL	06	KLAX	33.942536	-118.408075	126

**NOTAM Messages**

Source_id	Account_id	Area_description	Notam_id	Part
K	KL	XXL, CLEVELAND, OH, US, (224245N, 326383W) [CLE] 5/999	1/1	Thu
K	KL	XXL, CLEVELAND, OH, US, (499104N, 831007W) [CLE] 3/877	1/1	Thu

*"As an established innovator, Boeing believes in the power of Web 2.0 and embraces it not only for collaborative work, but also for the heavy lifting of enterprise planning and execution... IBM Mashup Center is playing a key role in our visionary approach to strategic asset management. It's critical to know where your major assets are and how to use them at any given time, situation or condition." Paul Comitz, Boeing, IBM Press Release – 5 June 2008*

## US Army to save \$1.3 billion through the use of Portal-based online forms solution

### Overview

- The US Army had already converted the front end of the traditional paper-based authorization processes with computer-produced dynamic documents that helped soldiers locate, download and fill out forms. However, the form still needed to be printed, signed and routed through traditional approval processes.

### Business need:

The paper-based forms system the U.S. Army utilized could no longer handle the speed and flexibility required in the field.

### Solution:

The Army chose to re-engineer its processes with IBM Lotus Forms™ and other IBM middleware, hardware and software, plus the program and technical analysis provided by Enterprise Information Management

### Benefits:

Estimated total savings of US\$1.3 billion annually in administrative processing costs • Anticipated improvements in Army field

*"The Forms Content Management Program will not only provide **fillable forms**... using **digital signatures**, the program will also provide the US Army the means to develop **one single enterprise solution for automating functional business processes for the Army's use.**"*

- Jeanne Harman, chief of the Army Publishing Division, Alexandria, Virginia



Read more in the case study on [ibm.com](http://www.ibm.com):

[http://www-01.ibm.com/software/success/cssdb.nsf/CS/JKIN-7BMS8M?OpenDocument&Site=default&cty=en\\_us](http://www-01.ibm.com/software/success/cssdb.nsf/CS/JKIN-7BMS8M?OpenDocument&Site=default&cty=en_us)

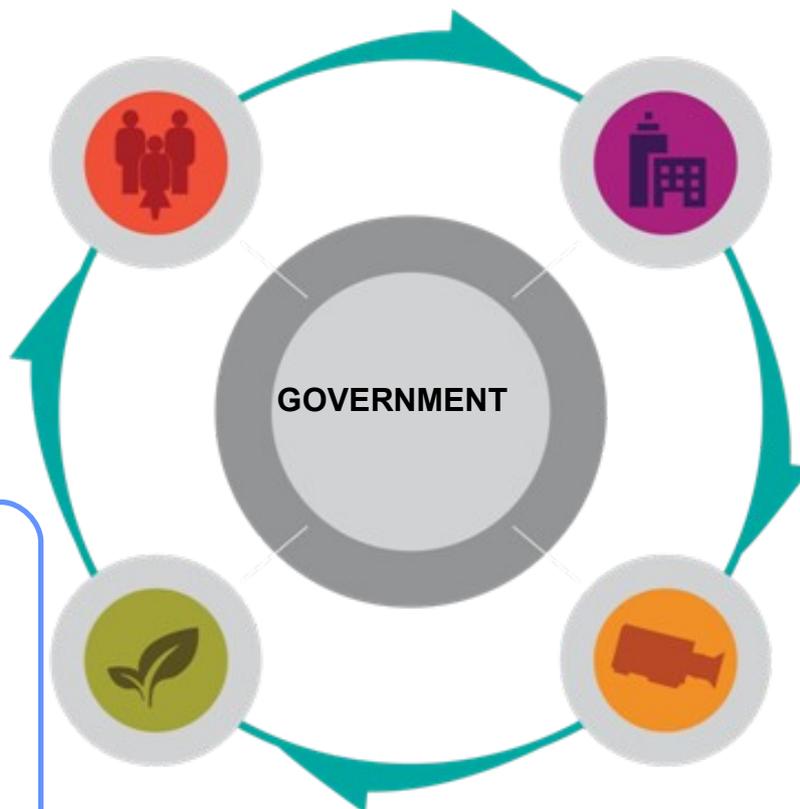
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## State of Michigan District Courts

### ■ Challenge

– Transform a paper-based record-keeping system into an online e-filing system to improve access for court constituents and help the court keep pace with technology advancements

### ■ Solution

– The XML e-forms of IBM® Lotus Forms™, along with electronic and digital signature technology, automate and simplify the filing of court documents

### ■ Key Benefits

- Enhanced service to court constituents through faster disposition of lawsuits;
- reduced overhead costs;
- fewer data entry errors and increased efficiency through use of wizard-based e-forms;
- auditable records assist with enforceability and regulatory compliance;
- scalable to facilitate future data integration and e-filing initiatives

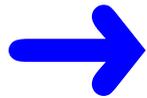
***“IBM Lotus Forms are advantageous to the court, attorneys and citizens in our state who now have an efficient way of filing civil pleadings.”***

***—Mark Dobek, Director of Judicial Information Systems, Michigan Supreme Court***

## “Green 2.0” Green government portal solution for Drinking Water Ontario

- 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 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**

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



## **What Capabilities can IBM Offer in the Government Space?**



# Lotus knows.

Smarter software for a Smarter Planet.

## The Lotus Business Platform



Universal Access



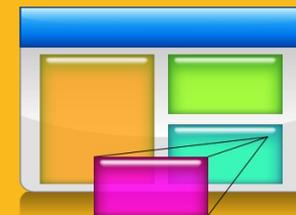
Messaging



Communicating



Connecting



Integrating

Lotus®

### Open Standards Architecture

Business Applications



Information Management



# Lotus knows.

Smarter software for a Smarter Planet.

## Solution Delivery Strategy



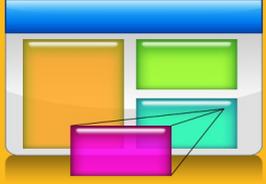
**Messaging**



**Communicating**



**Connecting**



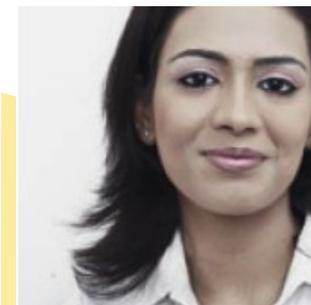
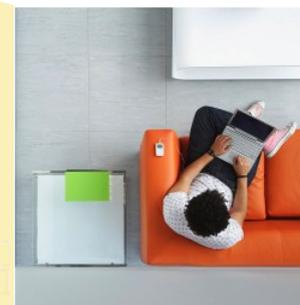
**Integrating**



**Cloud / Online**



**On Premise /  
Appliance**



## Constituents & Employees Expect Modern Online Experiences:

*Web 2.0 + Collaboration + Social Tools + Mobile*

*Instant Messaging*

*Blogs*

### Social Bookmarks

Bookmarks for Curtis M. Ryan

By Curtis M. Ryan with Tags: government | Add to Watchlist?

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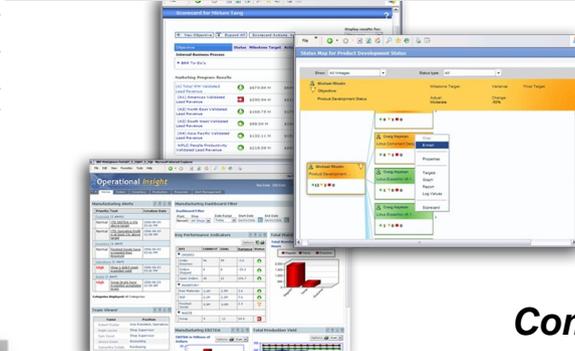
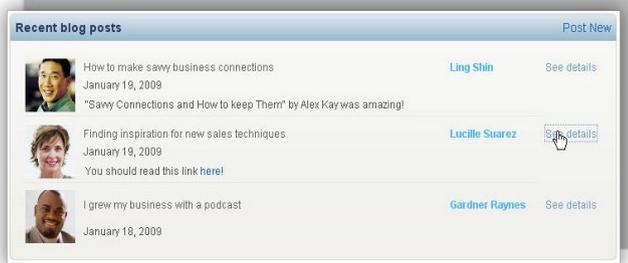
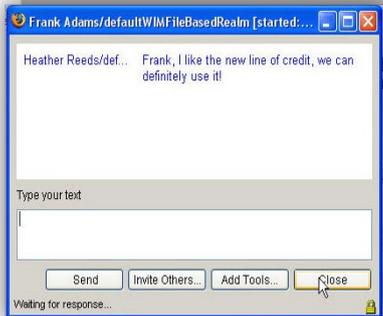
Global Fiscal Stimulus and Economic Recovery - WikiCentral

bookmarked by 5 others | Jan 23 2009 | Tags: government, stimulus, wiki

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### Tagging



### Dashboards

**New Business Workshop**

03 Feb 2008, Noon-5pm  
Town Hall Commons  
Get in contact with and find valuable business resources.

[More Info](#)

### Education

### Personal Advisor

Click-to-call me!  
Message me  
Want to meet?  
Contact me

### Experts

Rating: ★★★★★

Popularity: ★★★★★

Accesses: 217

### User Ratings

Experts on this Topic

Vijay Nehry

Activities Blogs Communities Dogear Profile

Vijay Nehry  
Vijay\_Nehry@renovations.com

Send Mail More Actions

### Social Networking

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### Personalized Content

### Communities

My Workgroup

We need to add more recommendations  
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Customers loves the personalization!  
Created By: Lucille Suarez | Updated: 12/16/2008

More online resources needed  
Created By: Gardner Raynes | Updated: 12/16/2008

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We're recording more webcasts. Check out the schedule...  
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Open Financial Network Recommends...

Featured Video

OPEN FINANCIAL NETWORK  
FINANCIAL UPDATE

### Video



# Portals + Social Capability Integrate the User Experience

*People Connecting with Personalized Apps, Information, and other People*



## IBM Government Industry Toolbox for WebSphere Portal

### Application Briefs

describing solution scenarios.

### Business Value Guides

describing the value enabled by the WebSphere Portal and Accelerators, and help illustrate best-practice process and information flow.

### Templates

which can be used on top of WebSphere Portal to help jumpstart design and assembly of end solutions.

### Demonstrations

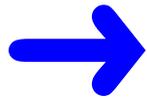
and recordings of example solutions design that illustrate how end solutions can look like.

### Other Code Assets

include sample Forms, Dashboards, or other Portlets which can help expedite the assembly of a solution.

The screenshot shows the IBM Government Industry Toolbox for WebSphere Portal website. The page layout includes a top navigation bar with the IBM logo, a search bar, and a main content area. The main content area features a large graphic of a government building with stars, and the text "IBM Government web portal software tools and more" and "IBM Government Industry Toolbox for WebSphere Portal". There are also sections for "Government to Citizen Portals" and "We're here to help".

<http://www.ibm.com/software/websphere/portal/industry/government/>



## The Collaboration Agenda and Industry Solution Framework for Government



## SWG Industry Framework and Solutions Alignment

### Focus Areas

#### Government 2020

#### Financial Crisis Impact

Reduce Costs

Find new revenues

New regulation

Collaboration

Innovation in business models

Security & Public Safety

Social Stability

Stimulate Economic Activity



IBM SWG  
Government  
Framework &  
Solutions  
Strategy

Domestic  
Demographic  
Shifts

Globalization

Environment

Rising Citizen  
Expectations

Growing Safety  
Threats

Evolving  
Technologies

Less Tax  
Revenue

More Costs

Regulatory  
Reform

Economic Stimuli

Greater Civil  
unrest

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



New expectations for government



Enhance business models and process transformation

Balance risks, security and compliance

Improve citizen and business experience

Manage overall government performance

Manage outcomes of benefits and enrollment



Investment Optimization



Government's temporary business role



Economic Recovery and Altered Priorities



## The Imperatives Drive Business Objectives



Enhance business models and process transformation



- Enable adaptive operations
- Reduce costs to citizens
- Support collaboration and relationships



Balance risks, security and compliance



- Increase security, decrease risk
- Enable defense and law enforcement organizations to achieve situational awareness
- Increase speed of command and combat superiority



Improve citizen and business experience



- Increase citizen/constituent satisfaction
- Connect people to programs based on individual needs
- Achieve sustainable outcomes while reducing operational costs
- Optimize taxpayer value



Manage outcomes of benefits and enrollment



- Focus on the citizen
- Support one-stop government service
- Increase efficiency and reduce costs
- Integrate service delivery



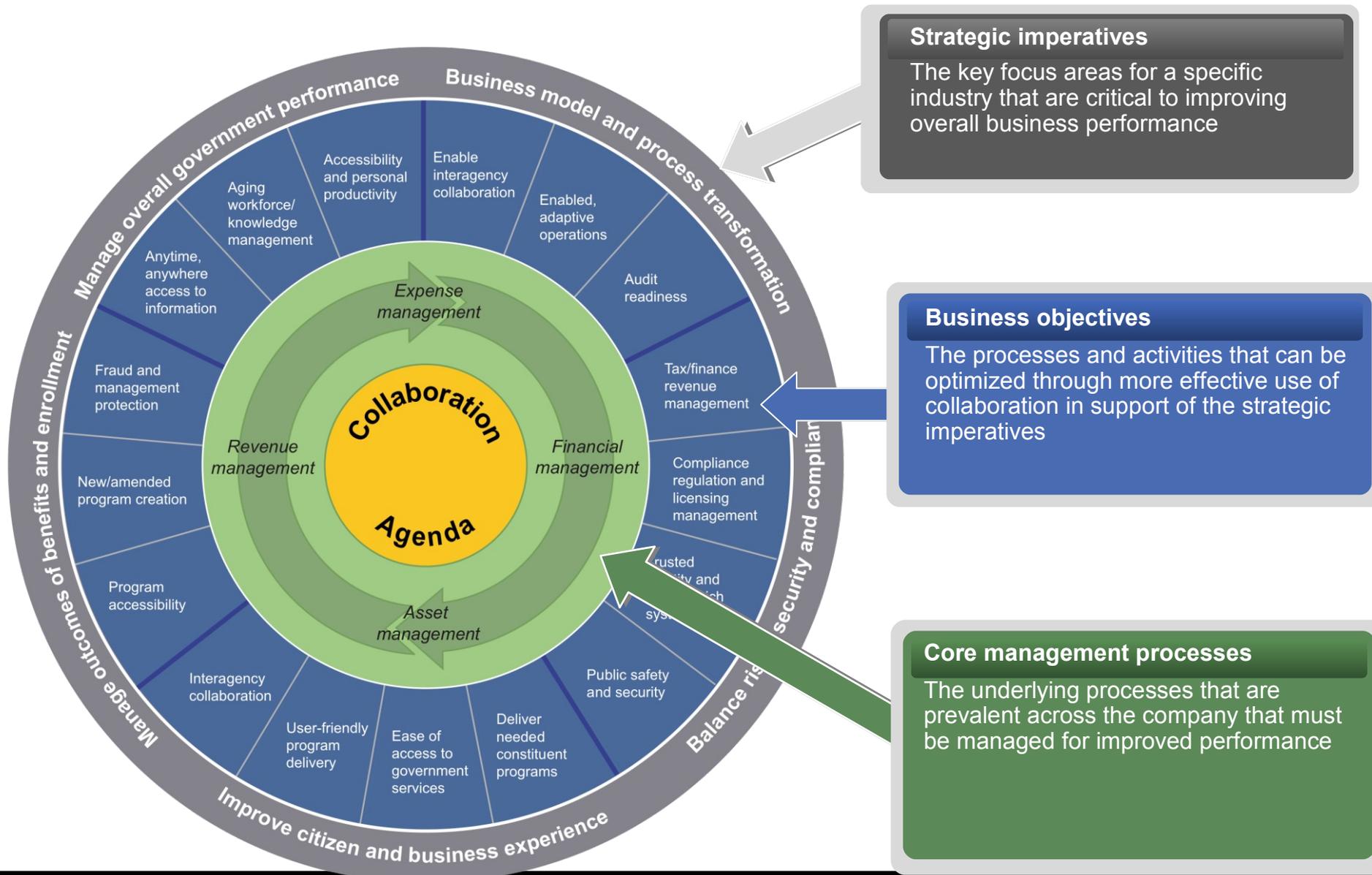
Manage overall government performance



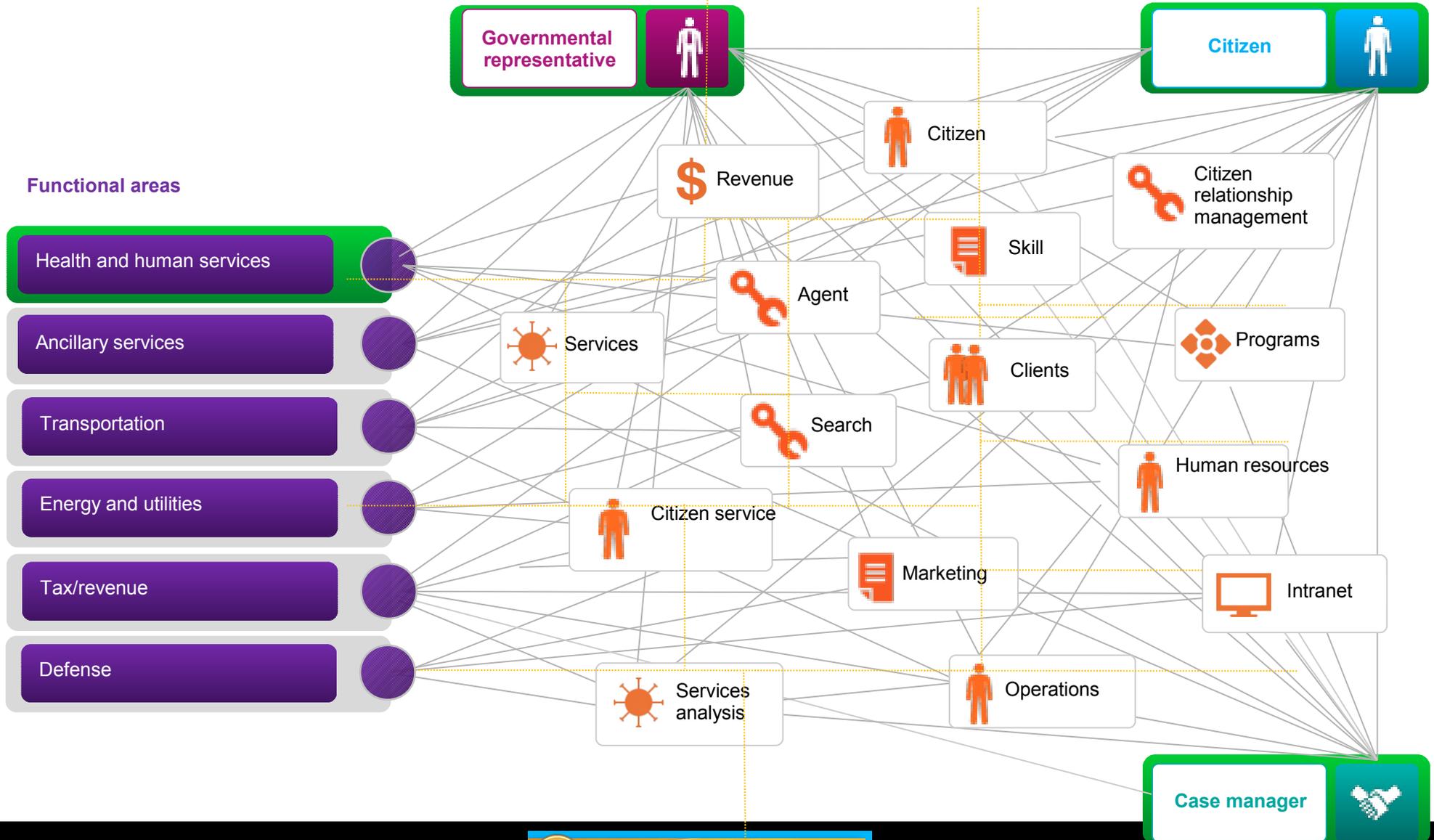
- Manage revenues and taxes
- Reduce operating costs
- Increase citizen satisfaction
- Reduce cost of maintaining multiple systems

## Government business outcomes map

Targets collaboration to the greatest value for individual organizations



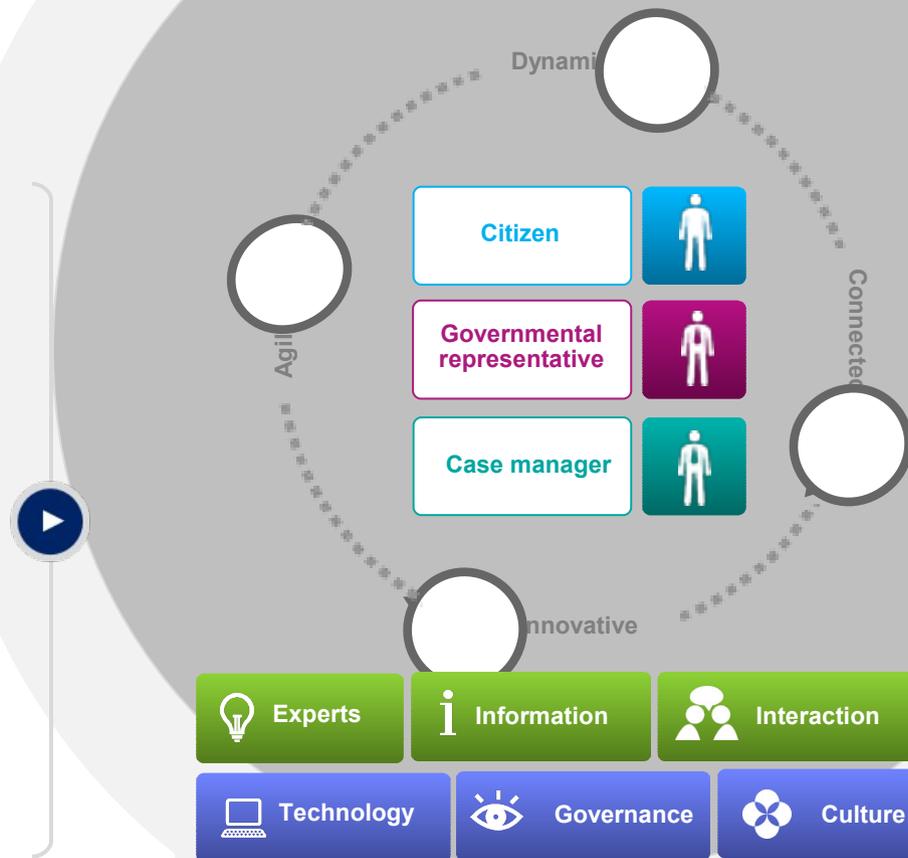
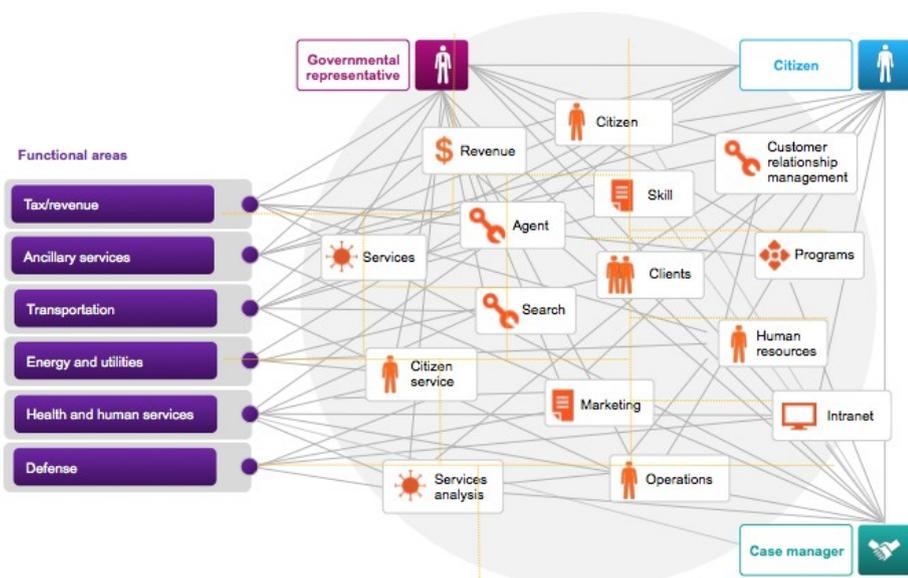
Communication barriers abound; information overload is rampant  
Whether working or serving, building the right relationships can be challenging



# Lotus knows.

Smarter software for a Smarter Planet.

How can you help people find experts, collaborate, and share information?  
By adopting a smarter, more integrated collaboration approach.



CURRENT STATE



DESIRED STATE



Industry: Government  
Client: Miami-Dade County



The most populous county in Florida and the ninth most populous county in the United States, Miami-Dade County serves a population of more than 2.4 million people. Home to 35 incorporated cities and many more unincorporated areas, Miami-Dade County makes up approximately 1,950 square miles in southern Florida.



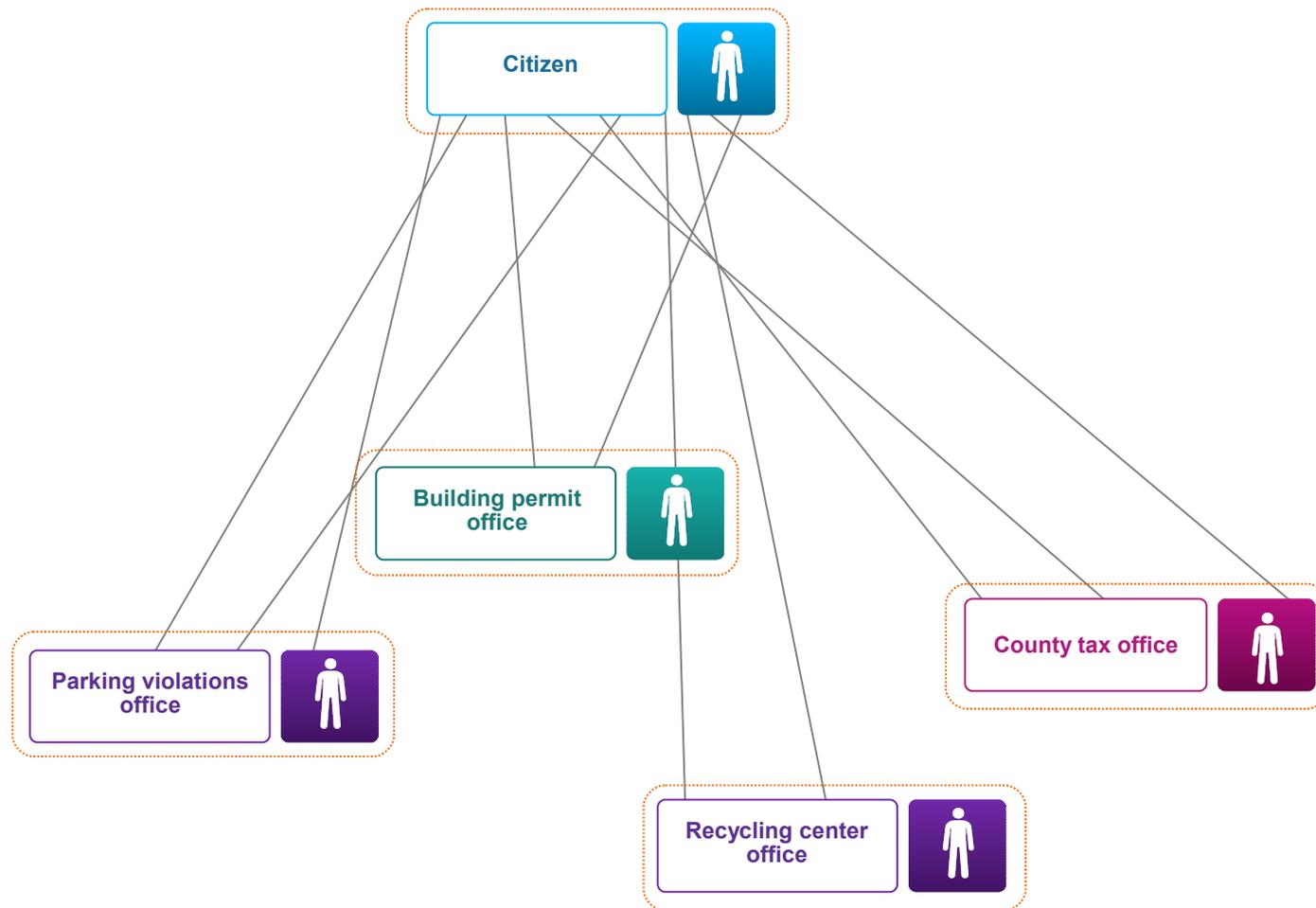


## The challenge: Get the right information and capabilities to citizens

### State of collaboration prior to solution implementation

#### Citizen and government interaction very inefficient

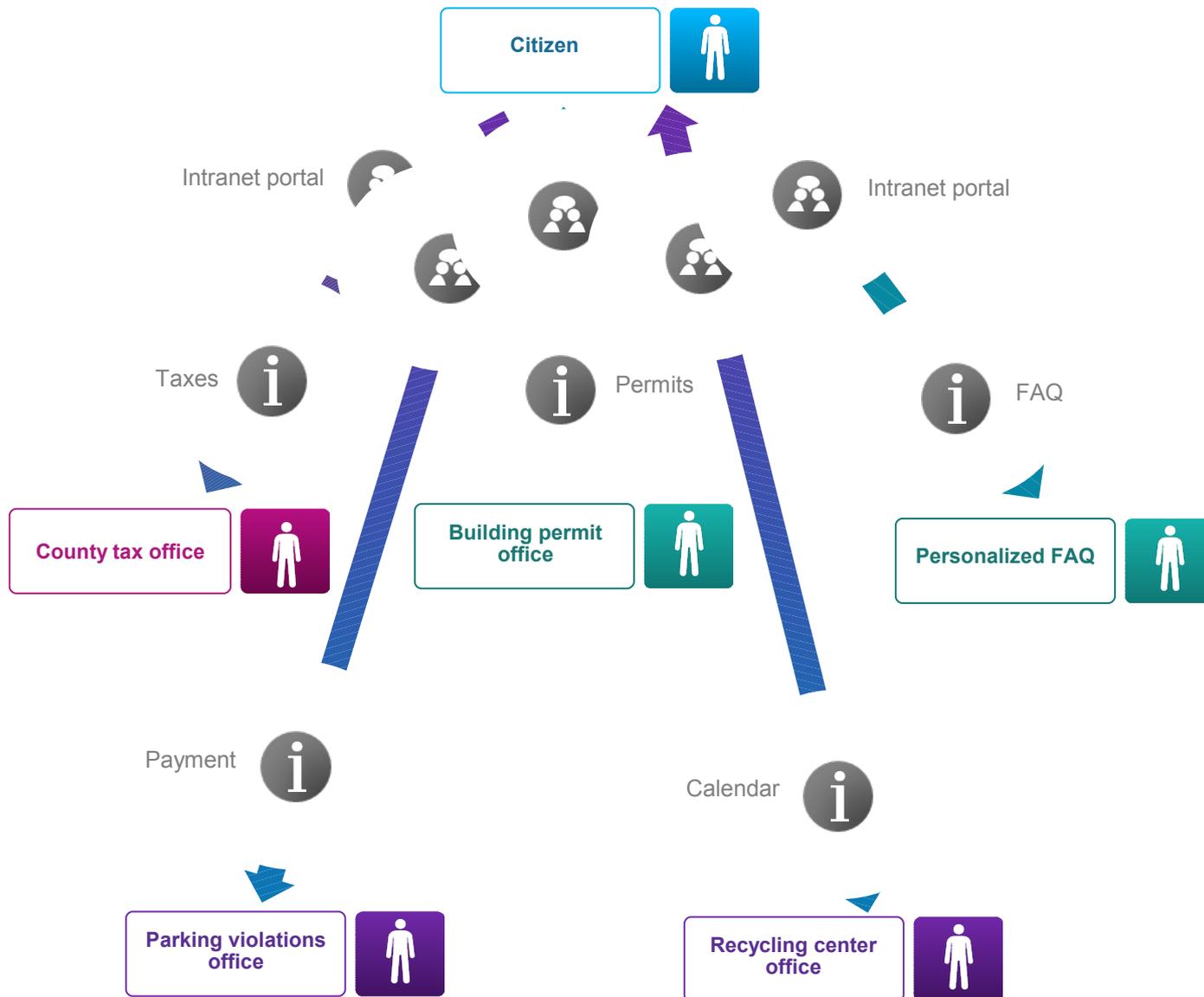
- Extensive paperwork and legwork required to perform simple tasks, such as paying a ticket
- Dispersed and difficult-to-find information
- Physical involvement by a county employee needed for every interaction with a citizen
- Citizens required to visit office in person for many simple transactions
- 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



**Citizens provided with a consolidated set of county functions via the intranet 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

**Easy access to personalized information**

- 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

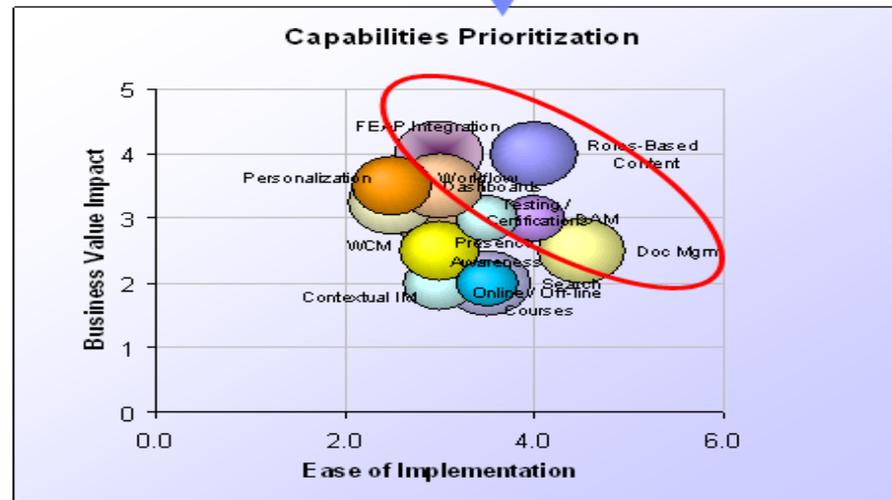
•Role interaction	•Enabling capability	•Improved convenience to citizens	•Increased citizen discipline	•Improved operational efficiency	•Central location for important information
<b>Citizens ↔ Multiple county offices</b>	<ul style="list-style-type: none"> <li>▪ Personalization</li> <li>▪ Document Mgmt</li> <li>▪ Calendaring</li> <li>▪ Single Sign-On</li> </ul>	HIGH	HIGH		HIGH
<b>Citizens ↔ County information</b>	<ul style="list-style-type: none"> <li>▪ Personalization</li> <li>▪ Document Mgmt</li> <li>▪ Calendaring</li> <li>▪ Single Sign-On</li> </ul>	HIGH	MEDIUM	MEDIUM	HIGH
<b>County offices ↔ County offices</b>	<ul style="list-style-type: none"> <li>▪ Personalization</li> <li>▪ Document Mgmt</li> <li>▪ Calendaring</li> <li>▪ Single Sign-On</li> </ul>	MEDIUM		MEDIUM	HIGH

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

—Miami-Dade County

## Building a Time to Business Value Roadmap Aligning the Business Value Impact to Ease of Implementation – Prioritizing Capabilities

Business Objectives	Barriers to Meeting Objectives	Potential Portal Capabilities	Workshop Notes / Feedback
Improve Operational Efficiency Through Improved Development	Operational / IT level development  In our CRM user analysis that log into 66 different systems: DO RPS, ABMS, CMS, CLAS, Sbr, have another 13 apps throughout FR & final analysis may have to log in.	Partial Portal access: In applications and databases providing the functions needed based on the business process.	Confirmation Notes: Single users going into various apps and single users phasing various apps within completion complete about transaction workflow (de Open New Acct). How Portal Helps: Personalized portal aggregating app info for better decisions, handoffs: In app power users, starter learning for new app users.
	Up to 3 different people may have to be involved in process for application development by institution.	Partial accessible secure classrooms for sharing, collaboration and managing Account, projects, document and related materials.	Confirmation Notes: Account knowledge into supported include several FR professionals (entering, releasing, app) working in sequence, cutting across difficult bank merger processing, sub-lead support), often involve staff functions (dept). Broader system failure.
	Users don't have detailed knowledge of all applications, to know where key data/information is located.	Partial content applications and information filtered to the users role and organized by the business process needed by each user category.	Confirmation Notes: Banks expect need only "data by bit", easily, on their own, to build a caption based one-off request. CMS app has only few power users - app capabilities could widen app use. How Portal Helps: Role based portals could drive wider use of higher tier apps. A professional monitoring key portal info can enable timely, effective action user based portals.
	Designed RPS with specific users in mind. Has deep processes. Now other users trained other views of information. Never really got to reporting capabilities.	Partial accessible reporting both running query access to backend data sources; Performance reporting dashboard.	Confirmation Notes: When evaluating about want ability to query report from raw data... ad hoc. Today limited to power users. Good value to target professionals.



**Lotus knows.**

Smarter software for a Smarter Planet.

**THANK YOU**

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