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# IBM İş Süreçleri Yönetimi Çözümü – IBM BPM v8

**Gerhard Pfau**
**IBM Senior Technical Staff Member**
**Member, IBM Academy of Technology**
**IBM Business Process Manager – Product Architecture and Design**

# AGENDA

- Overview
- IBM BPM Version 8 Update
- Summary and Conclusion

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# Leaders recognize that business effectiveness is key to success

**75%**

of CIOs with mandates to transform the business are looking to "drive *better real time decisions*."

**84%**

of CEOs of outperforming companies strongly differentiate their organizations by "*translating insight into actions*."

*Sources: IBM Global CIO Study 2011 & IBM Global CEO Study 2012*

McKinsey's Global Technology Survey found that "Improving business process effectiveness" ranked as the #1 priority for executives.

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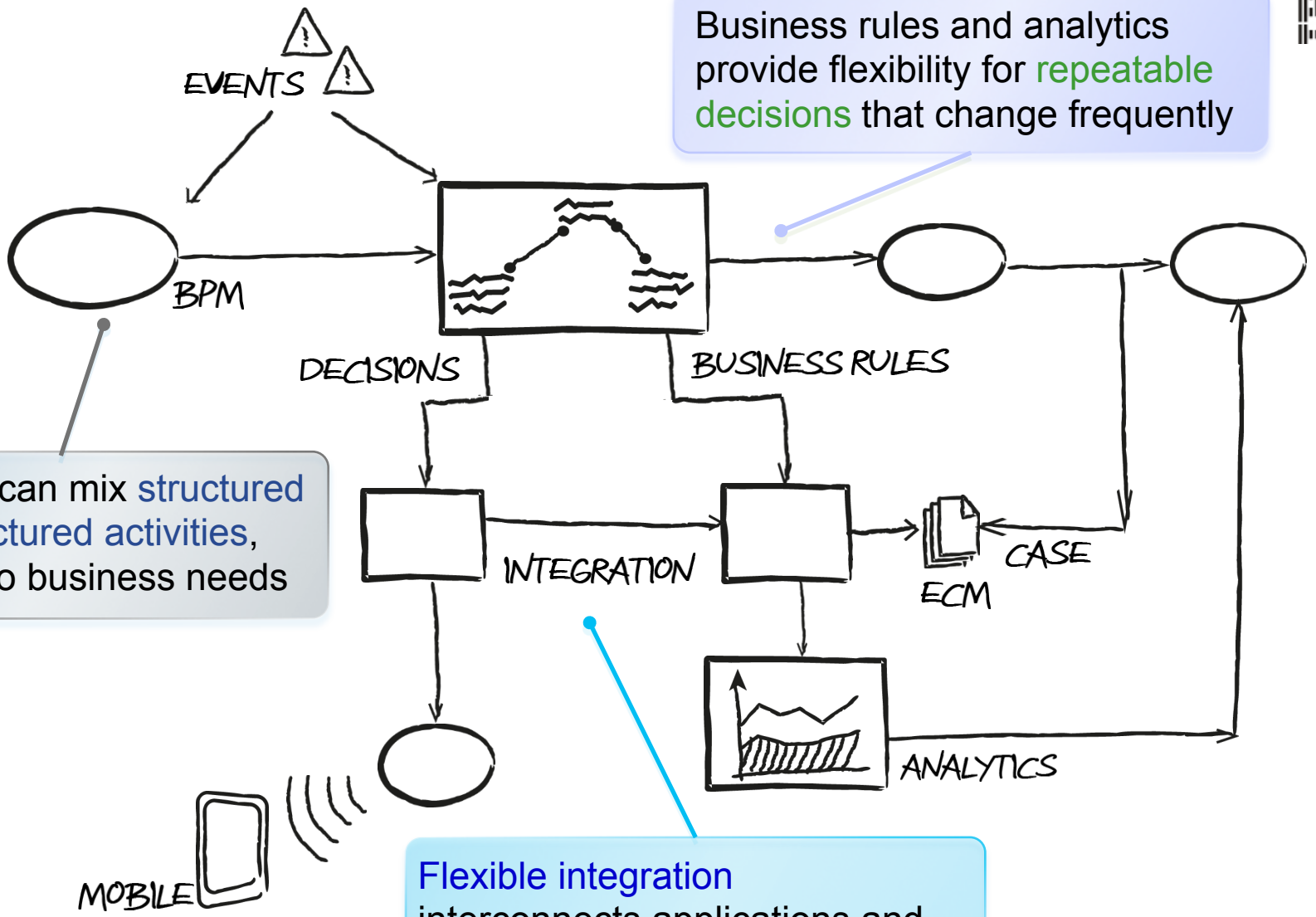
# Building Blocks to Achieve Process Innovation

*Empowering business and IT users to easily manage change*




Business rules and analytics provide flexibility for repeatable decisions that change frequently

Processes can mix structured and unstructured activities, according to business needs

Flexible integration interconnects applications and services across the organization



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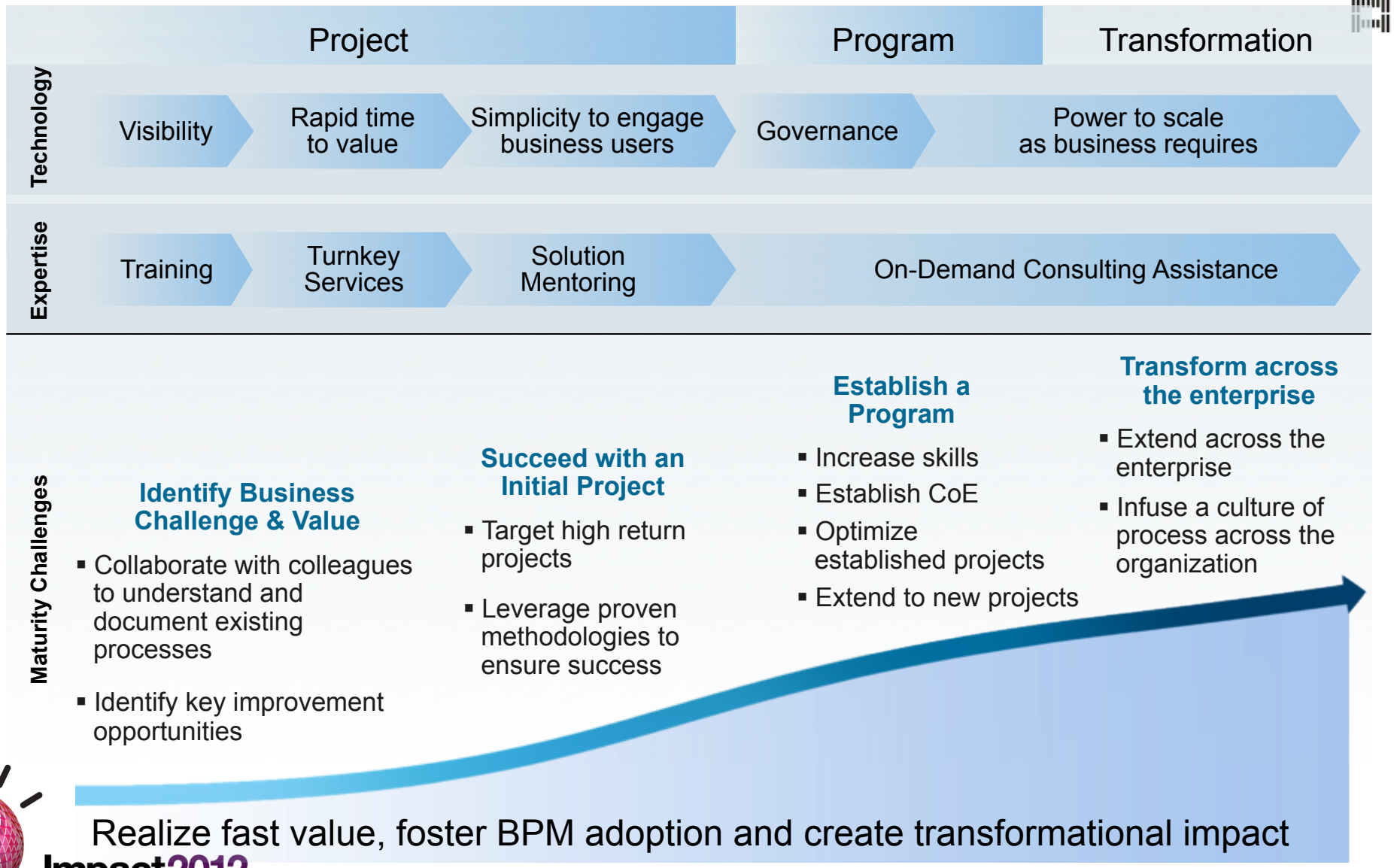
# Ensure success with a proven approach for adopting BPM




Realize fast value, foster BPM adoption and create transformational impact



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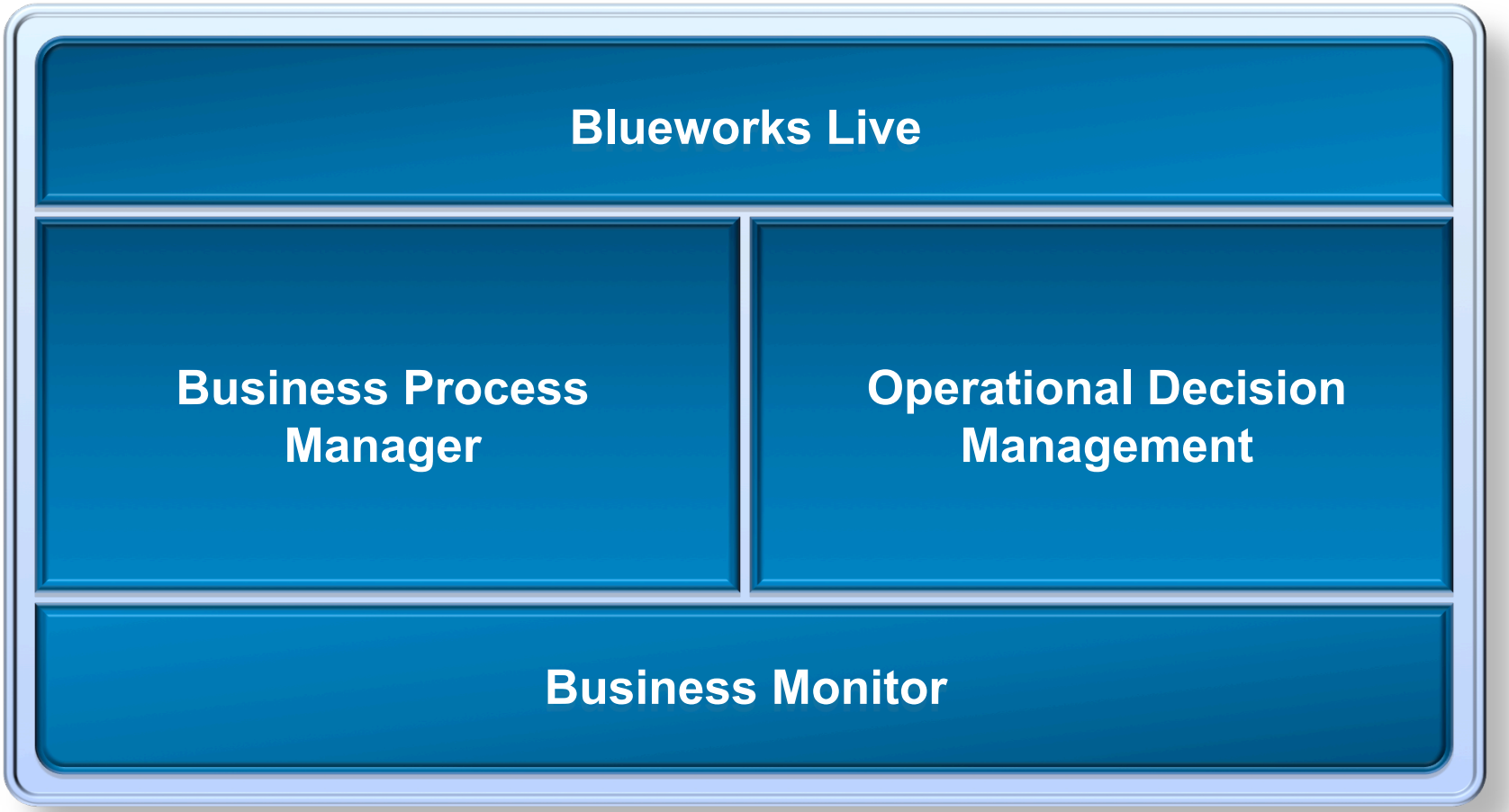
# IBM Products for Business Process Management and Decision Management




*Work together to deliver effective solutions for business operation improvement*



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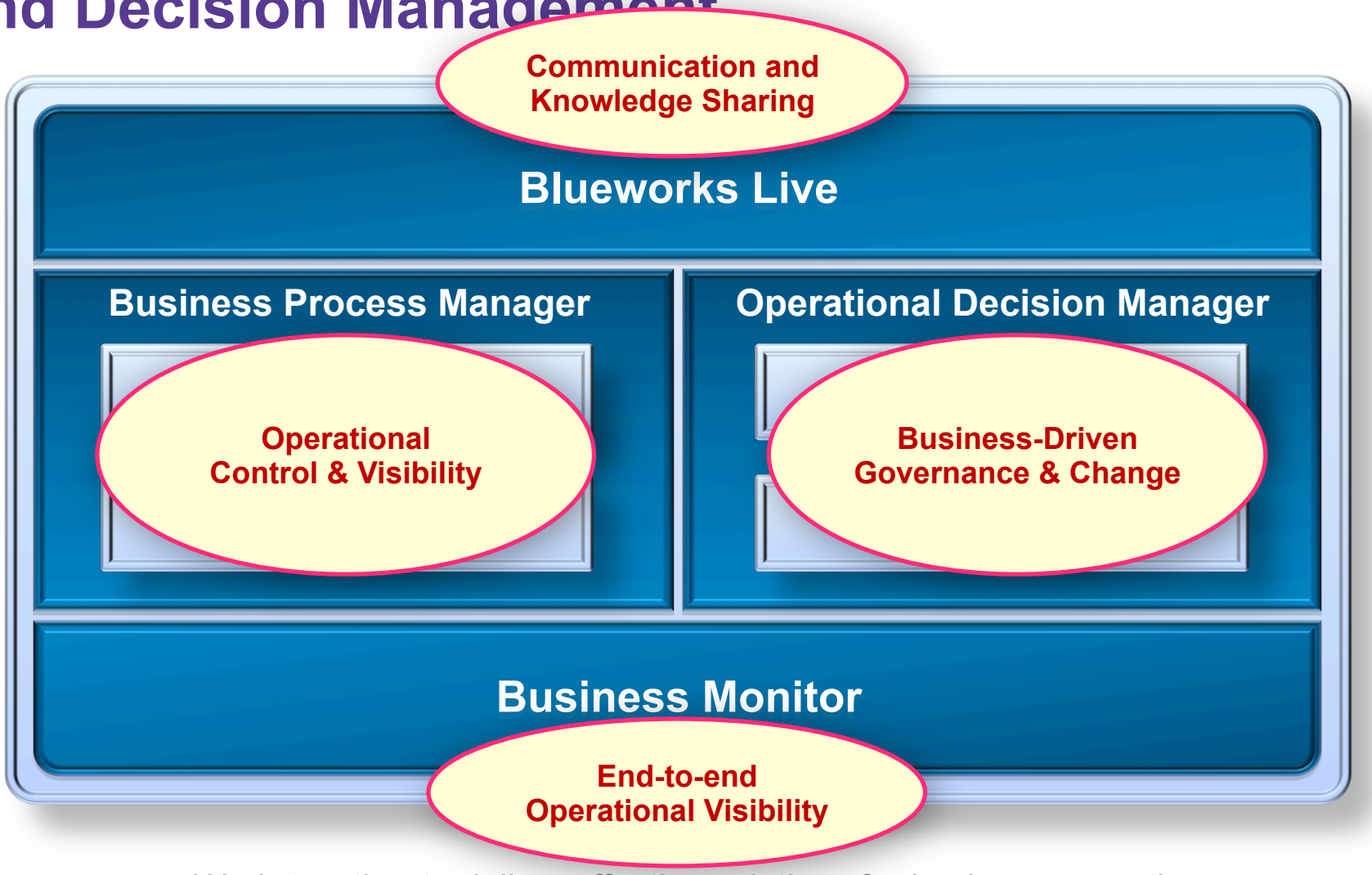
# IBM Products for Business Process Management and Decision Management




*Work together to deliver effective solutions for business operation improvement*



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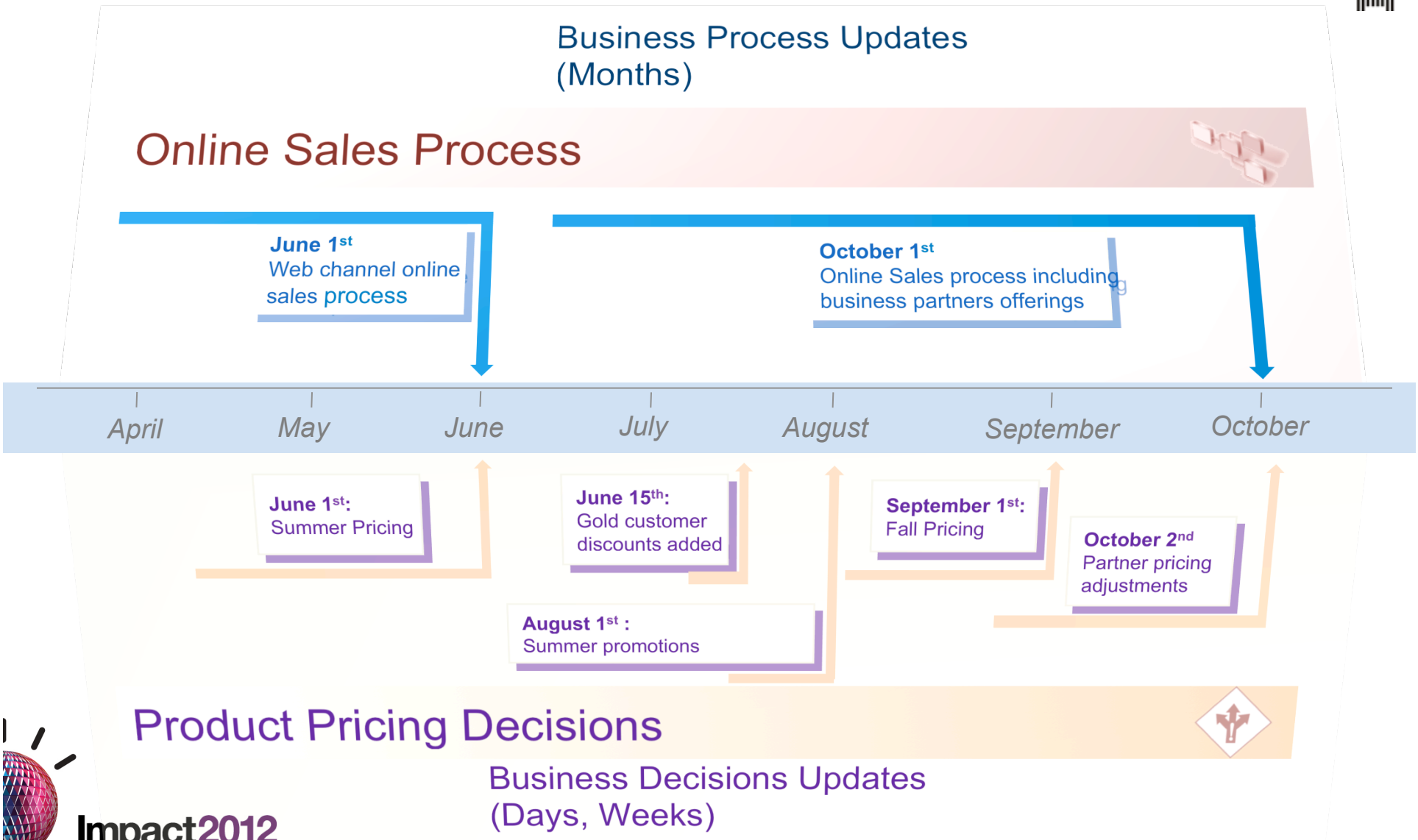
# “Big Changes” & “Small Changes”
## Independently Managing Process & Decision Life-Cycles



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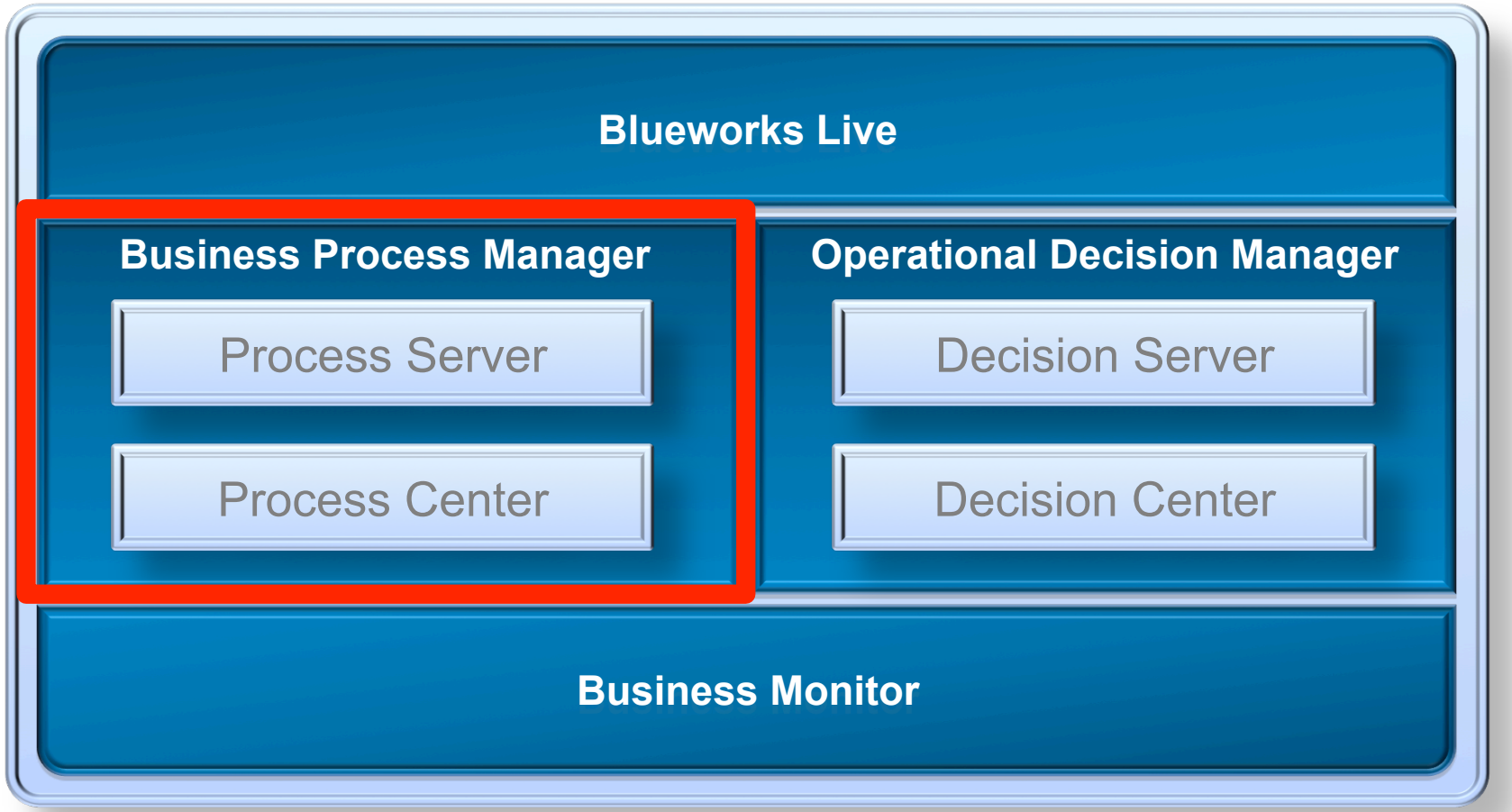
# IBM Products for Business Process Management and Decision Management




*Work together to deliver effective solutions for business operation improvement*



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## *In 2011 …*
## *IBM BPM and Process Center unified the tools for* ***process teams*** *to* ***build, deploy, govern, and scale*** *process applications …*

**IBM Business Process Manager**

- **Simplicity** *for business & IT collaboration*
- **Power** *to scale from a project to a program*
- **Visibility** *to improve business outcomes*
- **Governance** *across BPM projects and programs*

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## *In 2012 …*

## *IBM BPM delivers innovative user interface tools for business users to collaborate in getting work done …*

***Social***

***On-the-go***

***Collaborative***



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# IBM Business Process Manager v8

- *Express*
- *Standard*
- *Advanced*

## Process Server

**Core BPM**

BPMN | Process Rules | Performance Data Warehouse

**Advanced Automation & Integration**

BPEL | ESB | Adaptors

*WAS 8*

## Process Center

Shared Assets | Server Registry | Versioned Assets

*Network Multiple Process Centers*

Process Designer / Optimizer

Process Center Console

Integration Designer

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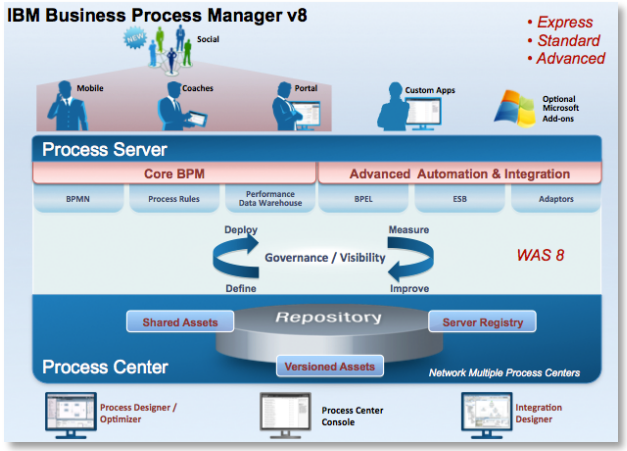
# DEMO




- Model a simple human workflow in Process Designer
- Assign resources
- Run in Playback-Environment
- Deploy and run in Portal



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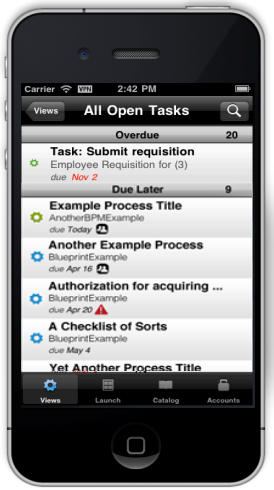
# What's New in IBM Business Process Manager v8?

## Collaboration

## Mobile Access




## Content Access

## zOS

## Enhanced Governance

+295 other enhancements



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# Social **Collaboration**

- **New Process Portal and Coaches** enable users to work together on the same tasks via **real-time interactions**.
- **Activity streams** provide a way for you to monitor and perform **ad-hoc actions** on your "favorite" processes and tasks.
- **Experts** – either pre-defined or discovered dynamically (using **social analytics**) – can help you complete process tasks.



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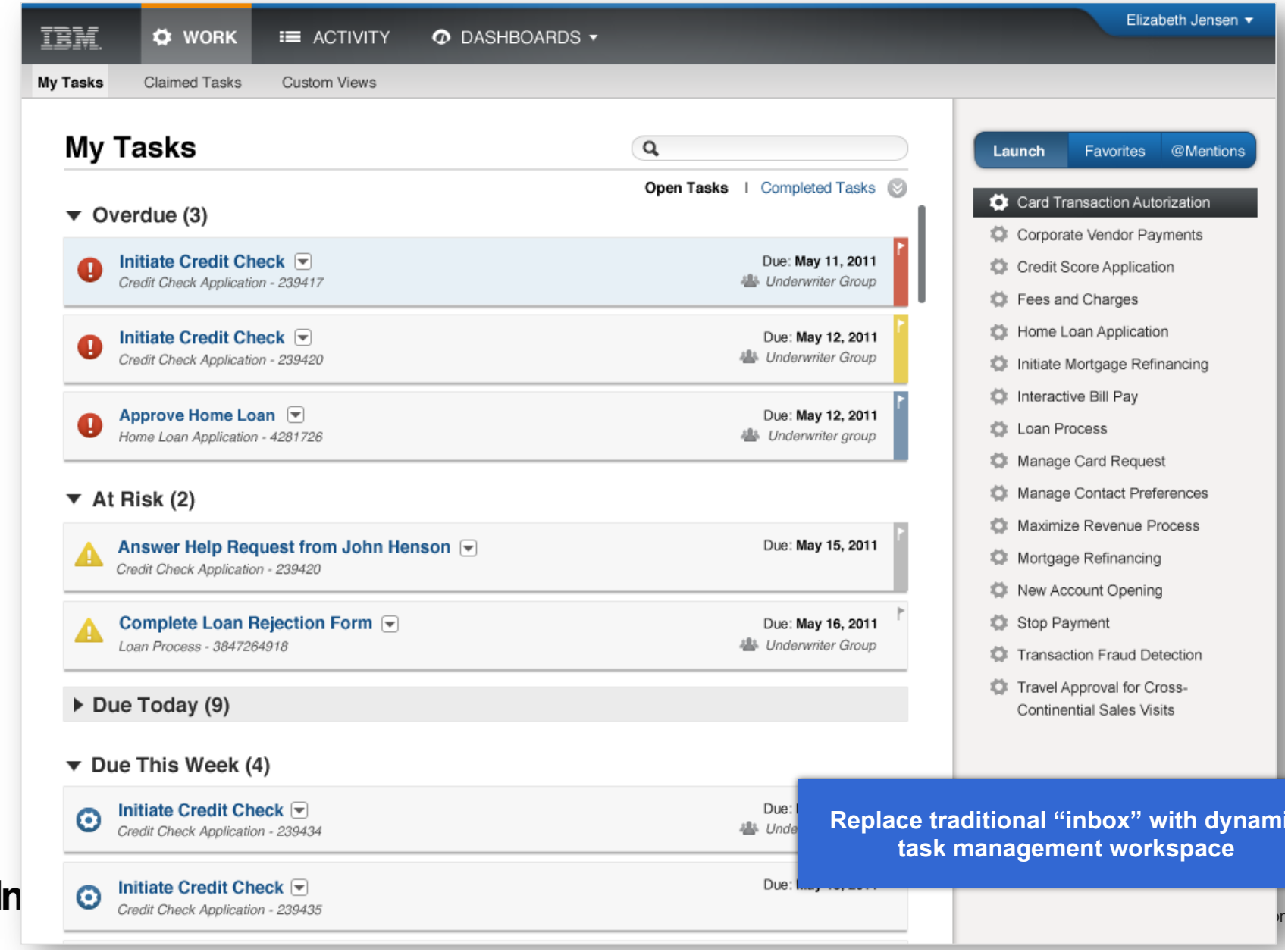
# Completely Revamped Process Portal

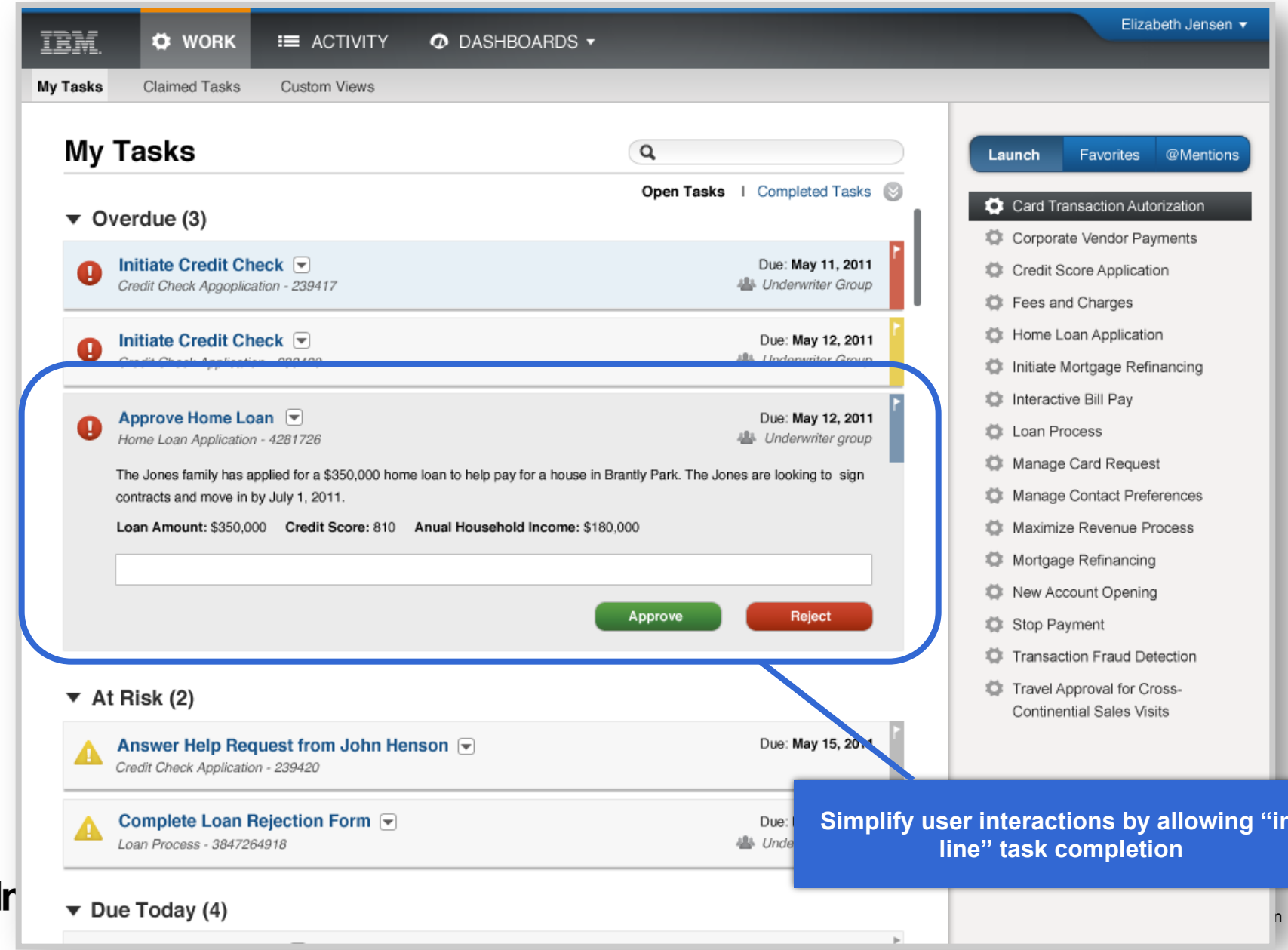
*Change the way people work with tasks by making it social and accessible*




**Replace traditional "inbox" with dynamic task management workspace**

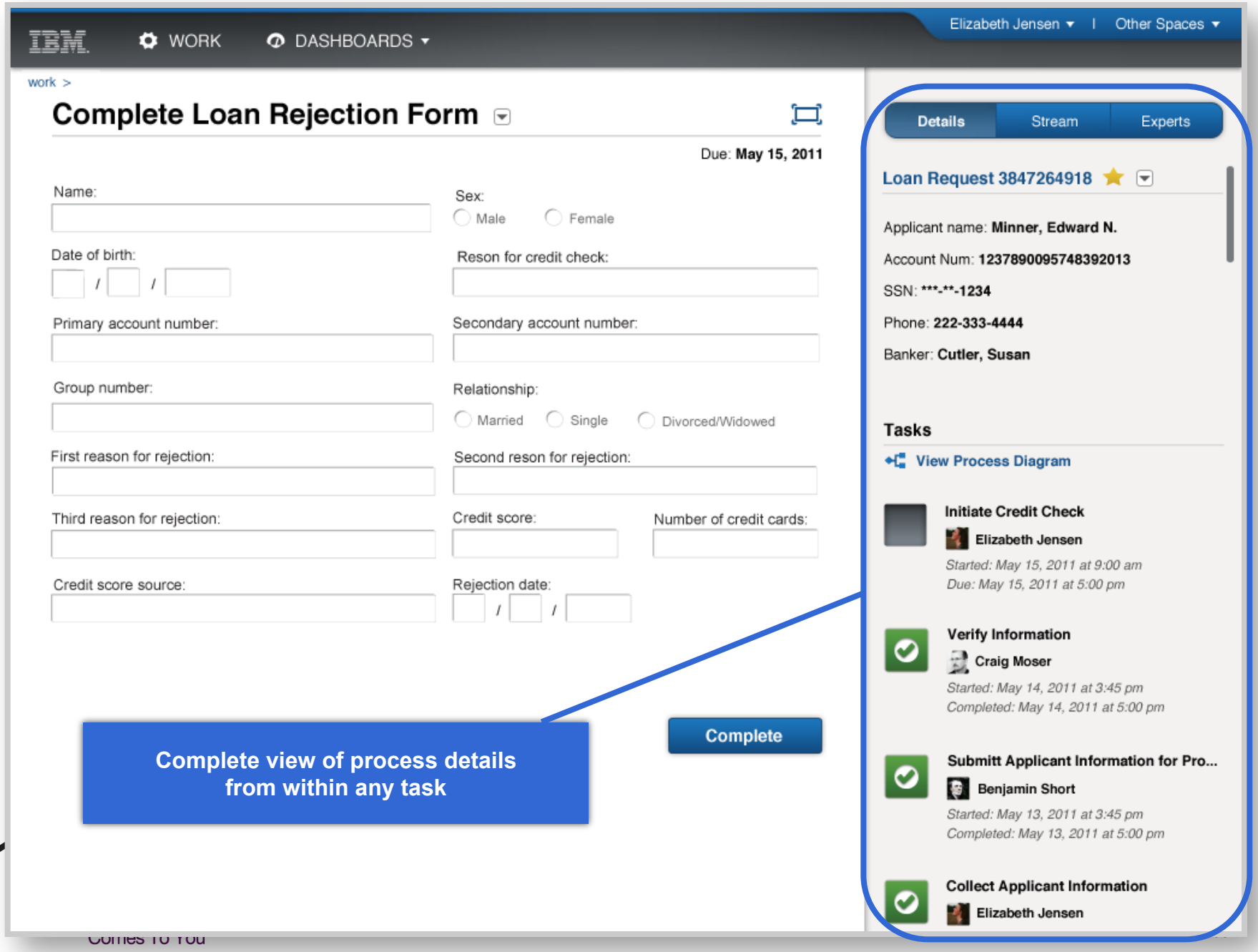
# Completely Revamped Process Portal

*Change the way people work with tasks by making it social and accessible*

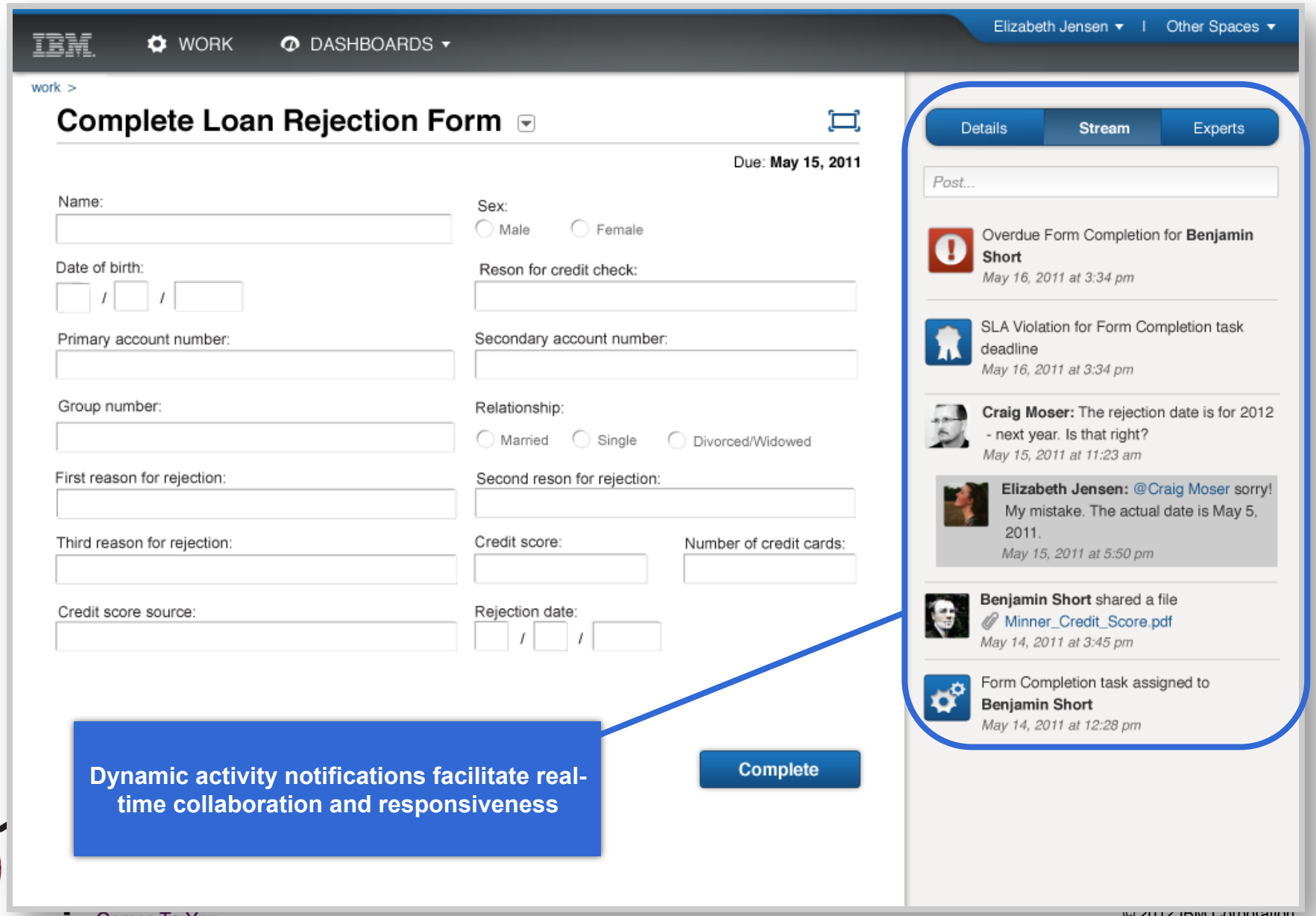



**Simplify user interactions by allowing "in-line" task completion**

# Process Instance Details



# Process Instance Stream – Aggregates Instance Interactions (System and User)





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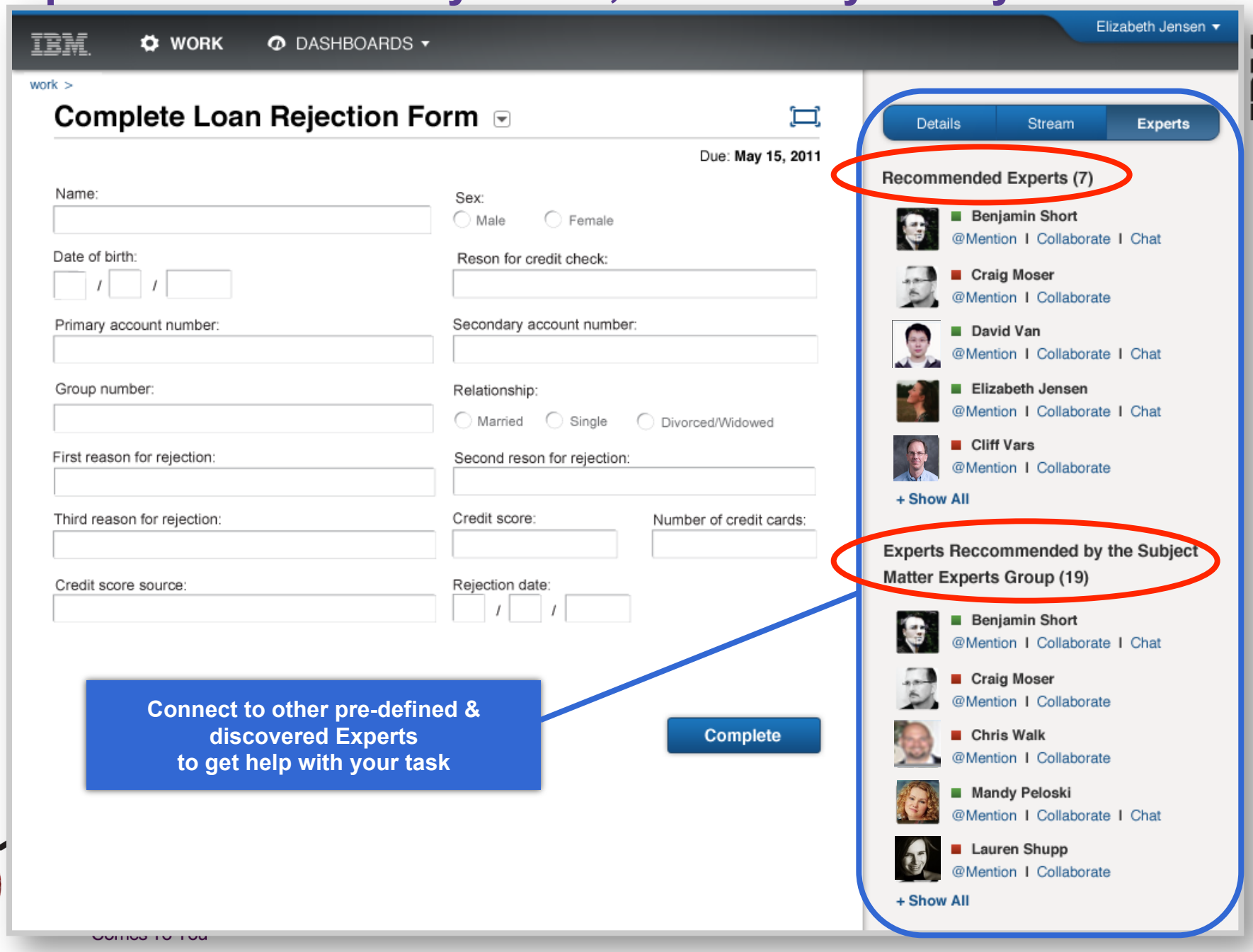
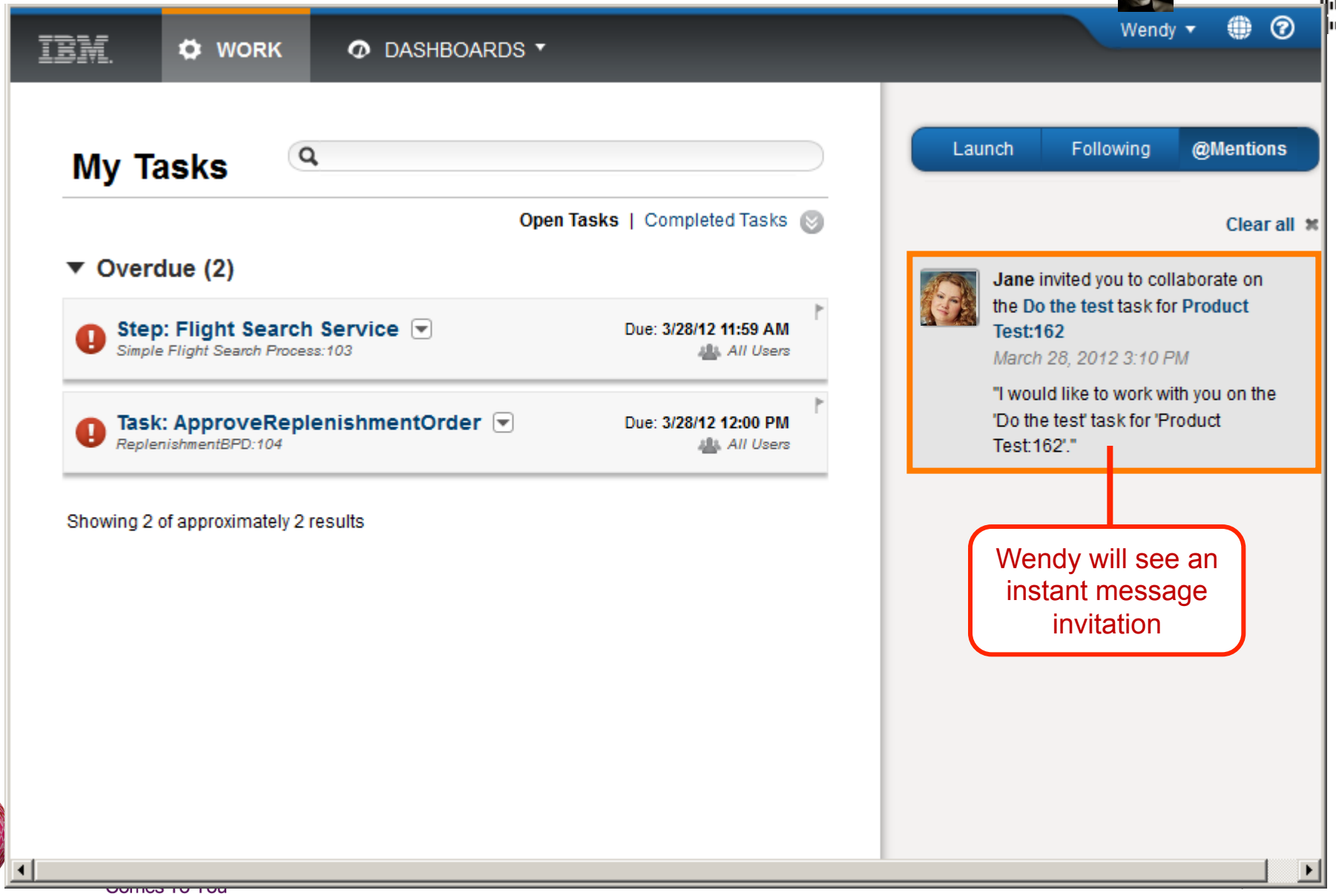
# Experts – Identified by SMEs, Inferred by the System

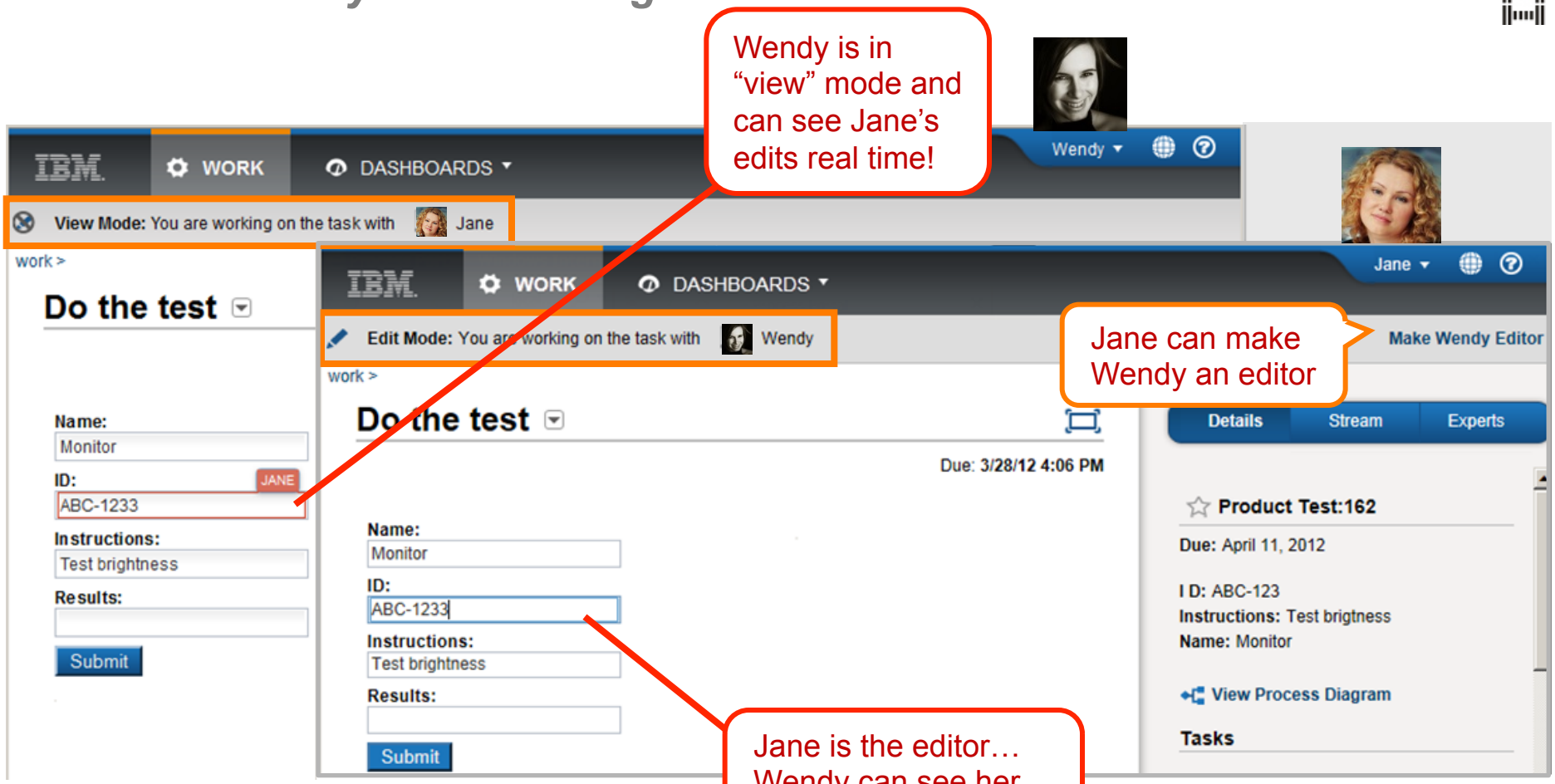


# In-Task Collaboration



# In-Task Collaboration

*Jane and Wendy can work together in the shared Coach*



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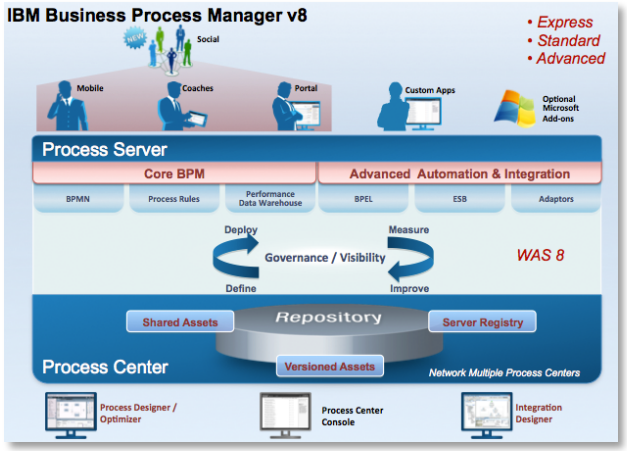
# DEMO




- Start a Standard HR Open Position Instance
- View Instance and subscribe to it
- Add Experts
- Send a Message to Bonnie



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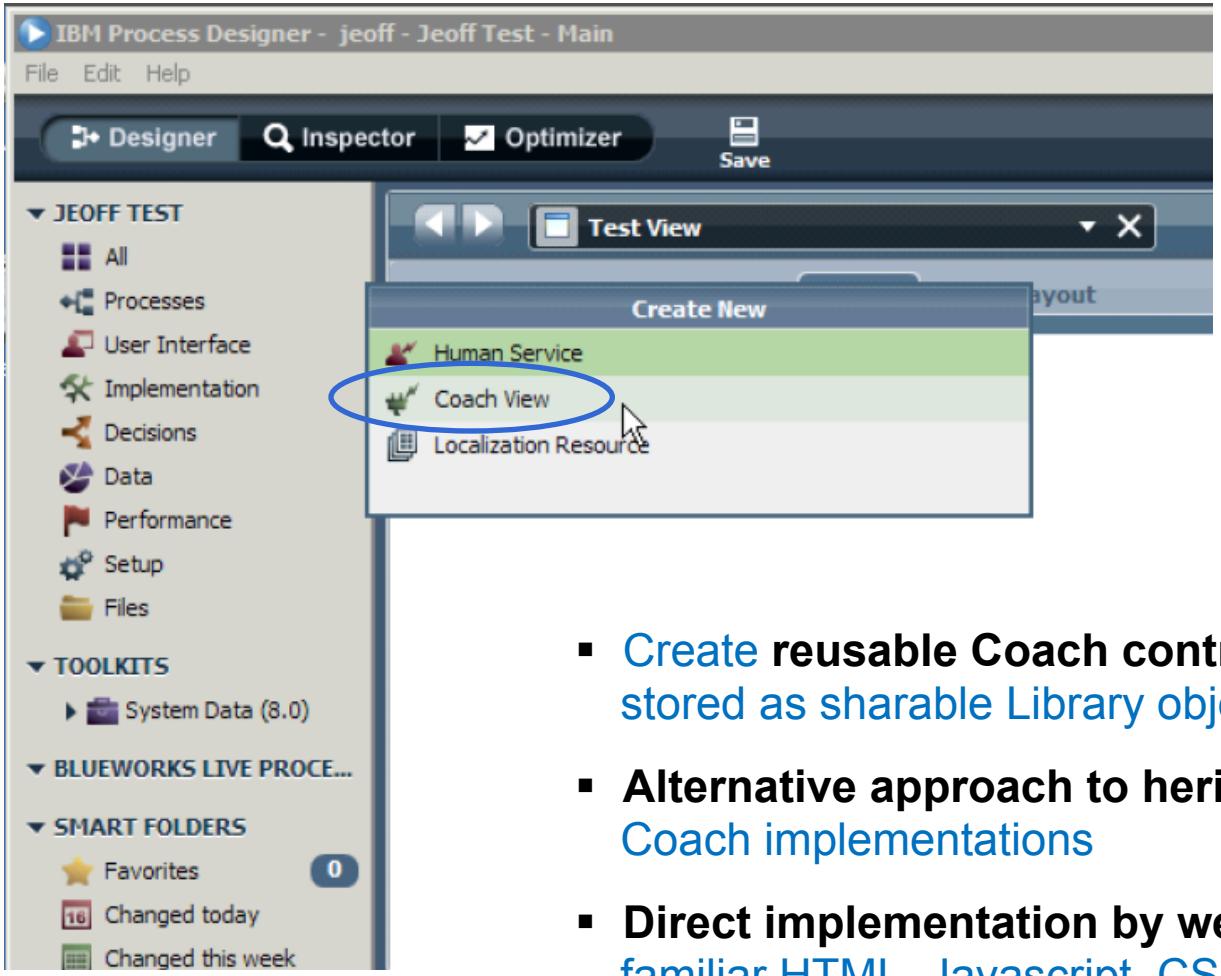
# New Reusable "Coach Views"

*Implement reusable UI components that look & behave exactly as you want*




- Create **reusable Coach controls and templates**, stored as sharable Library objects
- **Alternative approach to heritage** "modeled" Coach implementations
- **Direct implementation by web developers** using familiar HTML, Javascript, CSS, Ajax, JSON, …



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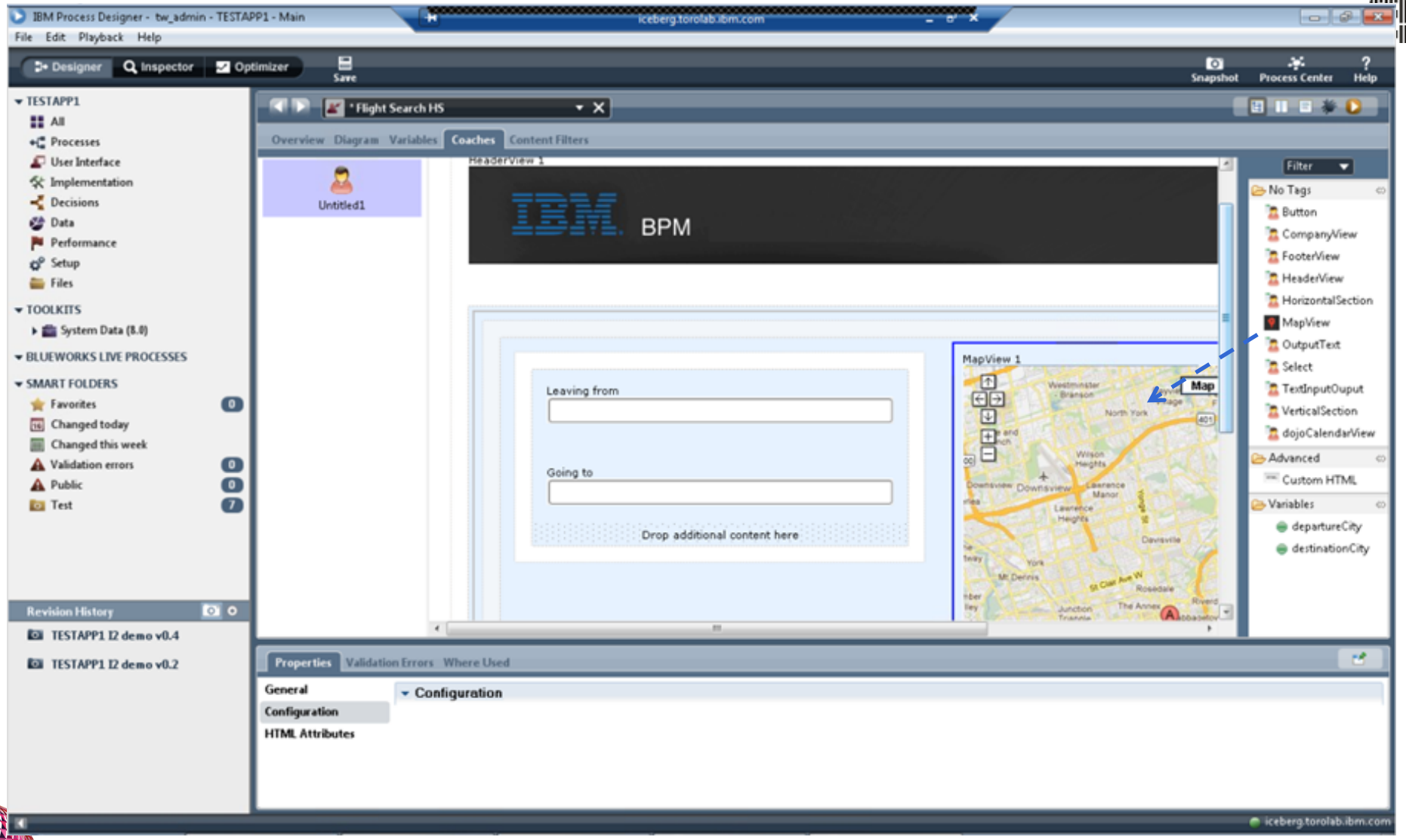
# New Reusable “Coach Views”

*Create new views & controls … drag-and-drop to build rich coach UIs*



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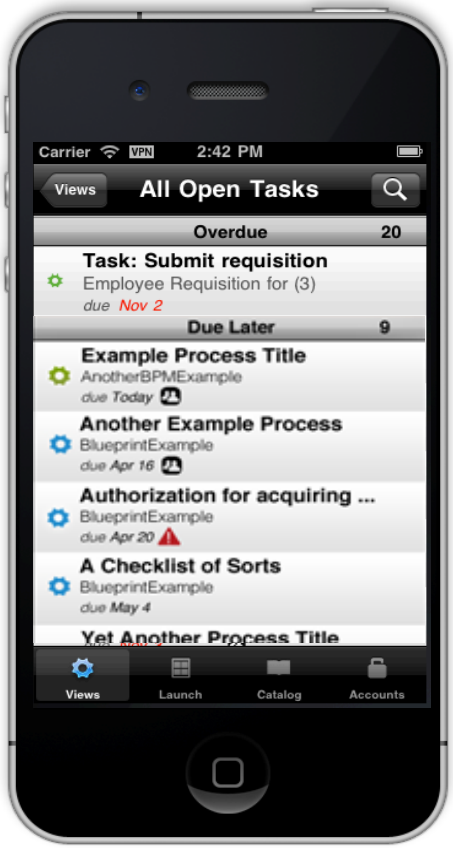
# Mobile Access




- **Native mobile app for iPhone / iPad** promotes broader adoption and easy access to Blueworks Live & IBM BPM tasks
- **Consolidates all of your process related work** into a unified view
- **Extensive REST APIs & examples** enable customized integration of IBM BPM and Blueworks Live content into your own mobile experiences
- Support mobile device **browsers & form factors**

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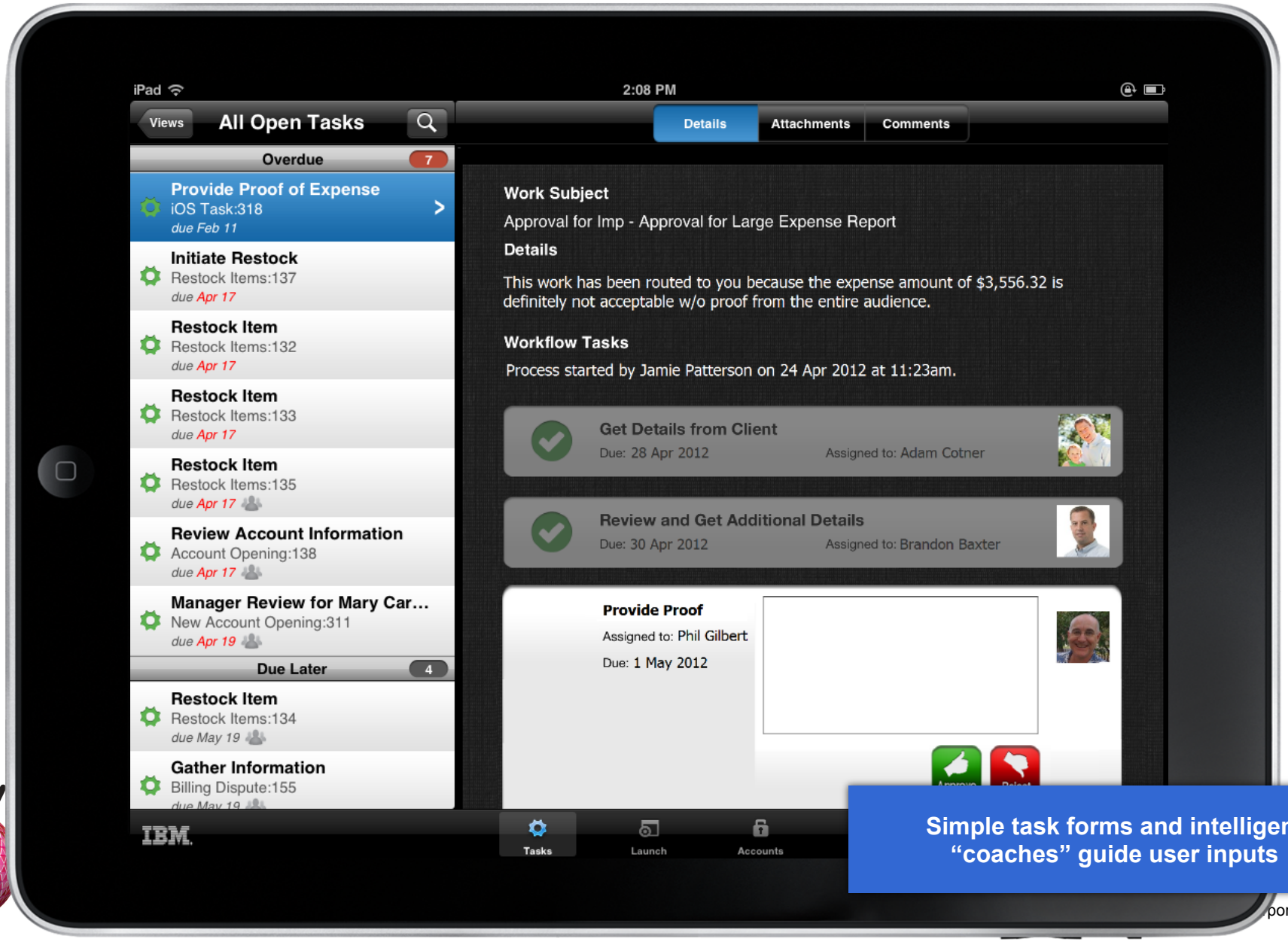
# iOS App for Mobile Users

*Flexible access to promote broader adoption*

**iOS App provides access to both IBM BPM tasks and Blueworks Live automation tasks**

# iOS App for Mobile Users: Task Forms & Coaches

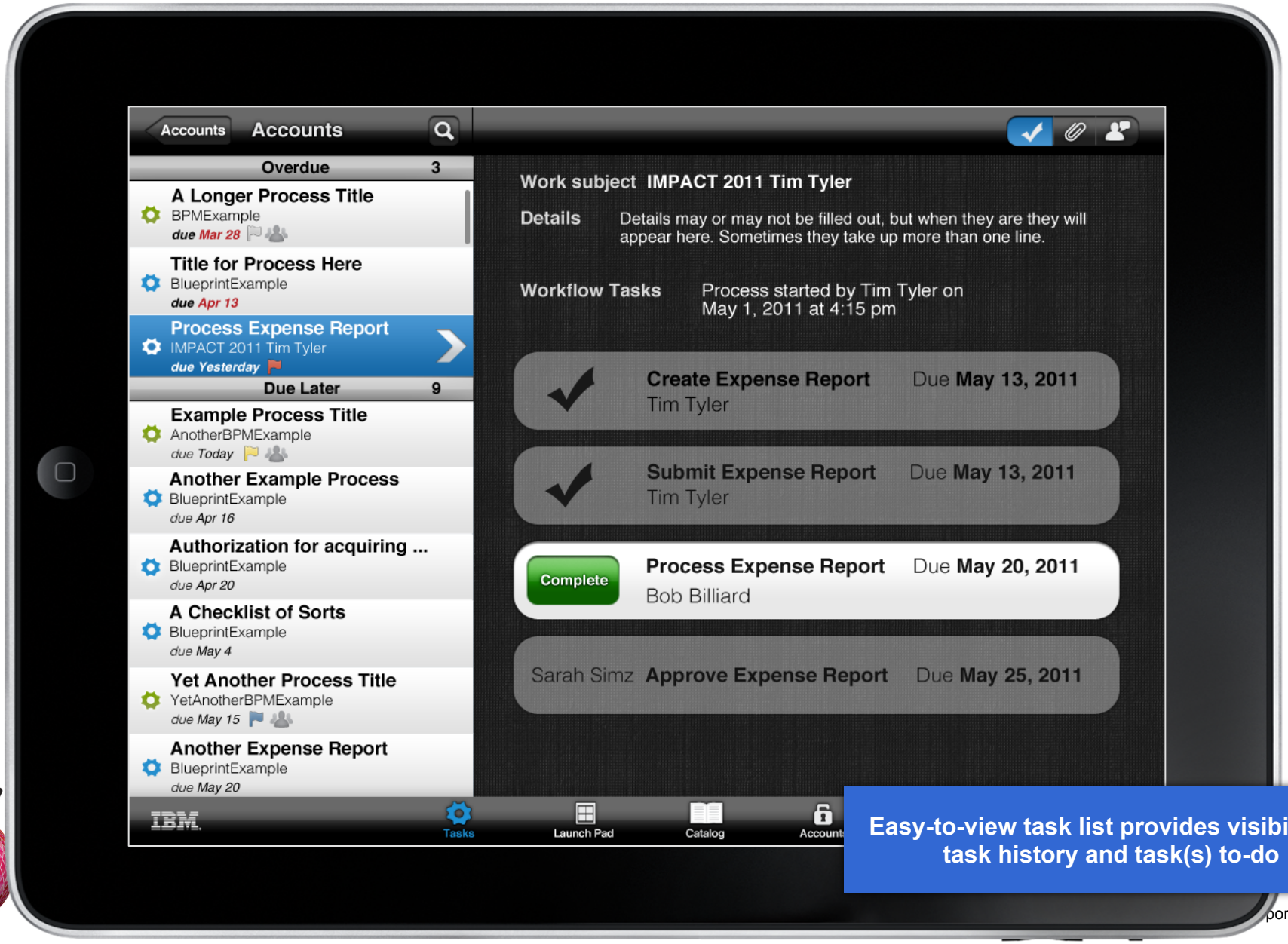
*Flexible access to promote broader adoption*




**Simple task forms and intelligent "coaches" guide user inputs**

# iOS App: BlueWorksLive Task Completion

*Flexible access to promote broader adoption*




**Easy-to-view task list provides visibility to task history and task(s) to-do**

# iOS App: Dynamic Activity Stream Communication

*Improve productivity with streamlined communication*

**Attach supporting documents and images to any process task**

**Improve productivity among business stakeholders through dynamic communication of activities – reduce 'back channel" emails, messages, etc.**

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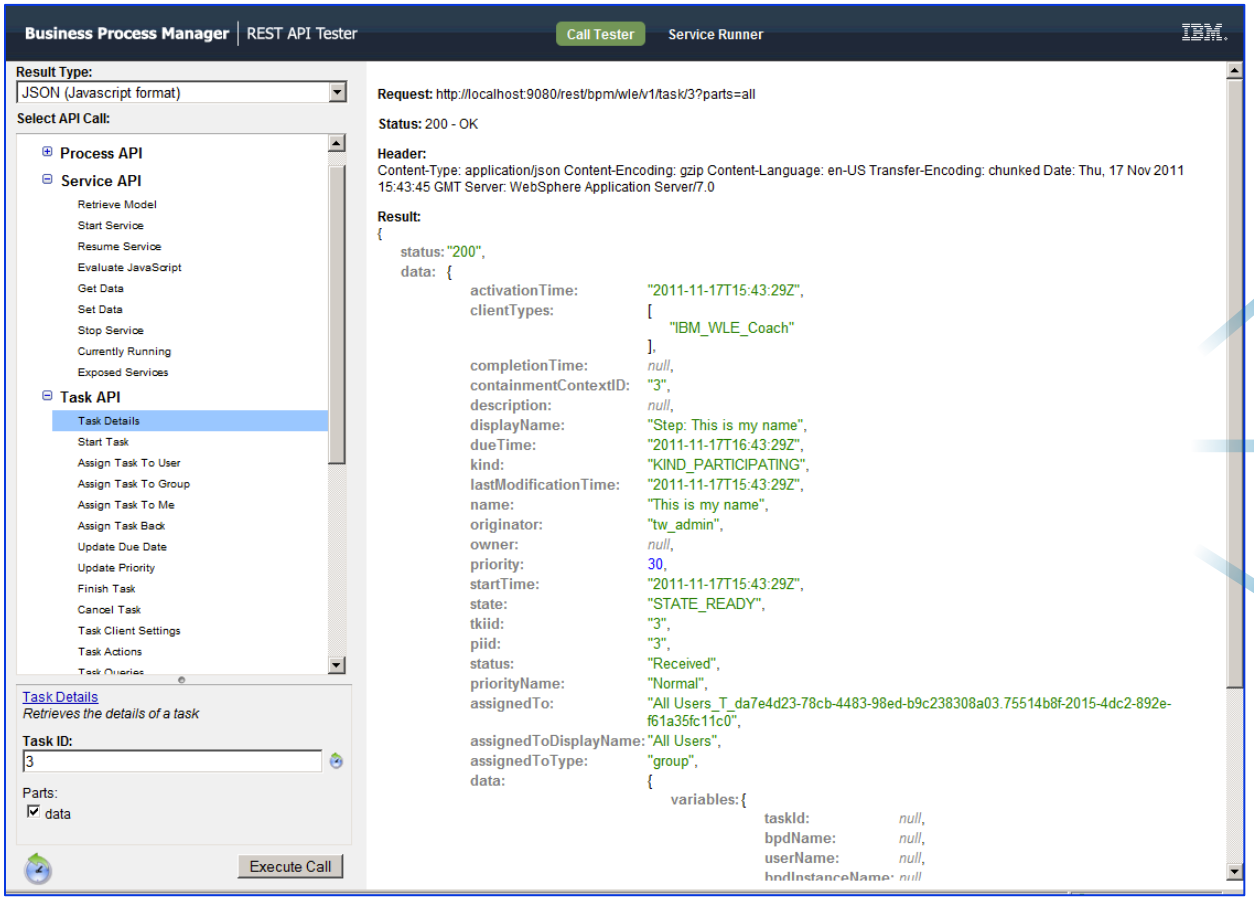
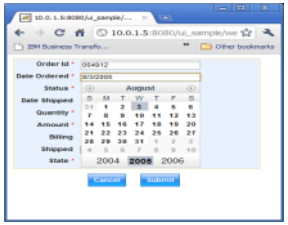
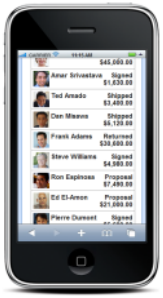
# Extensive REST APIs with API Tester




**Desktop Browsers**



**Smartphones**



**Tablets**

**New Process Portal and iOS Mobile App use this API**



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# Content Access

- **Leverage shared business documents and images** within process tasks
- **Simplify access to content in any ECM repository** using Content Management Interoperability Services (CMIS)
- **Search, browse, and display the "right documents at right time"** within Process Coaches
- **Directly interact with document content** – create, retrieve, update, delete



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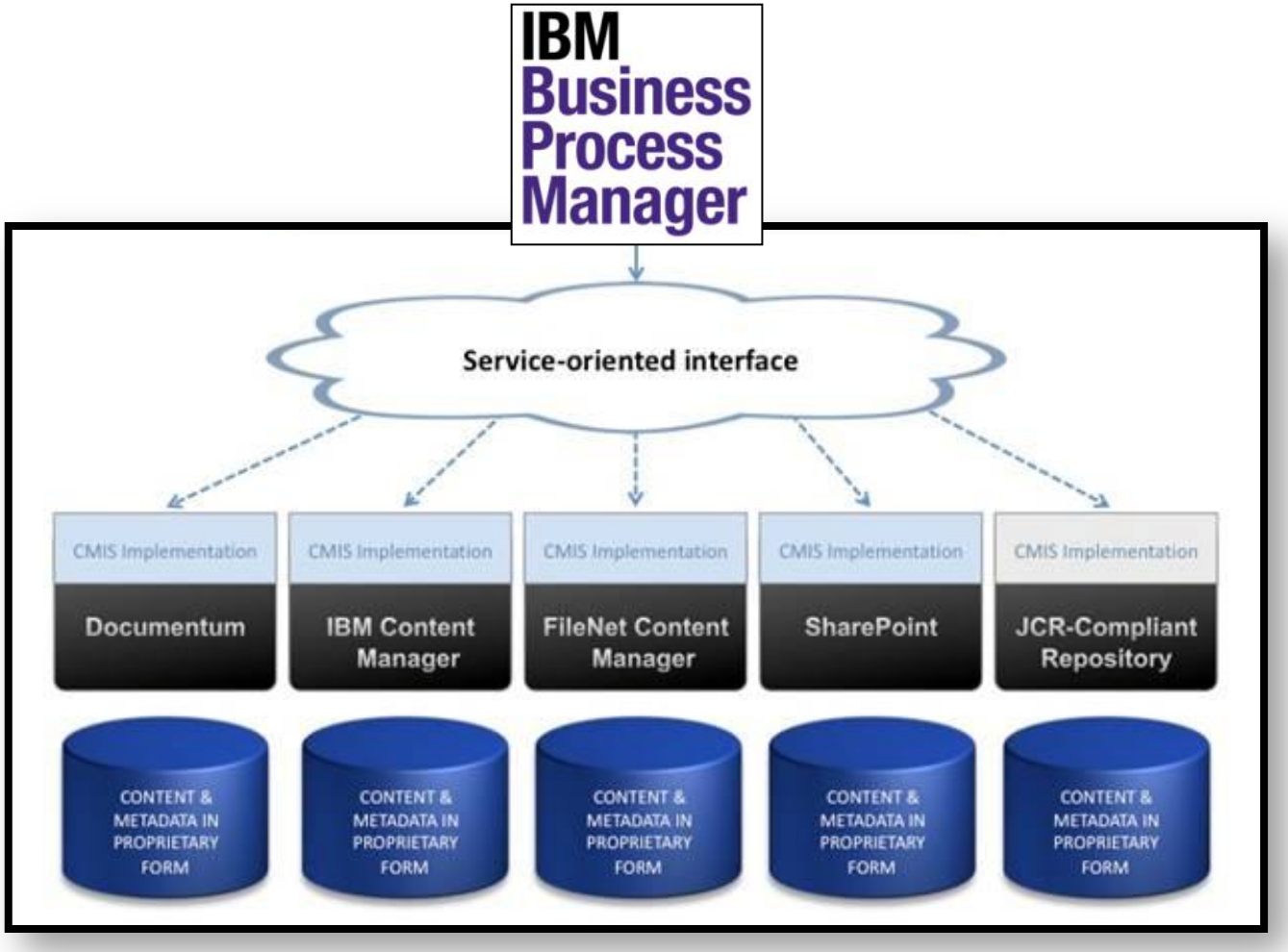
# Content Management Interoperability Services (CMIS)

*Any CMIS compliant ECM systems can be integrated with IBM BPM*




- FileNet ECM
- IBM CM8
- Documentum
- SharePoint
- Alfresco
- OpenText
- Vignette

… and more!



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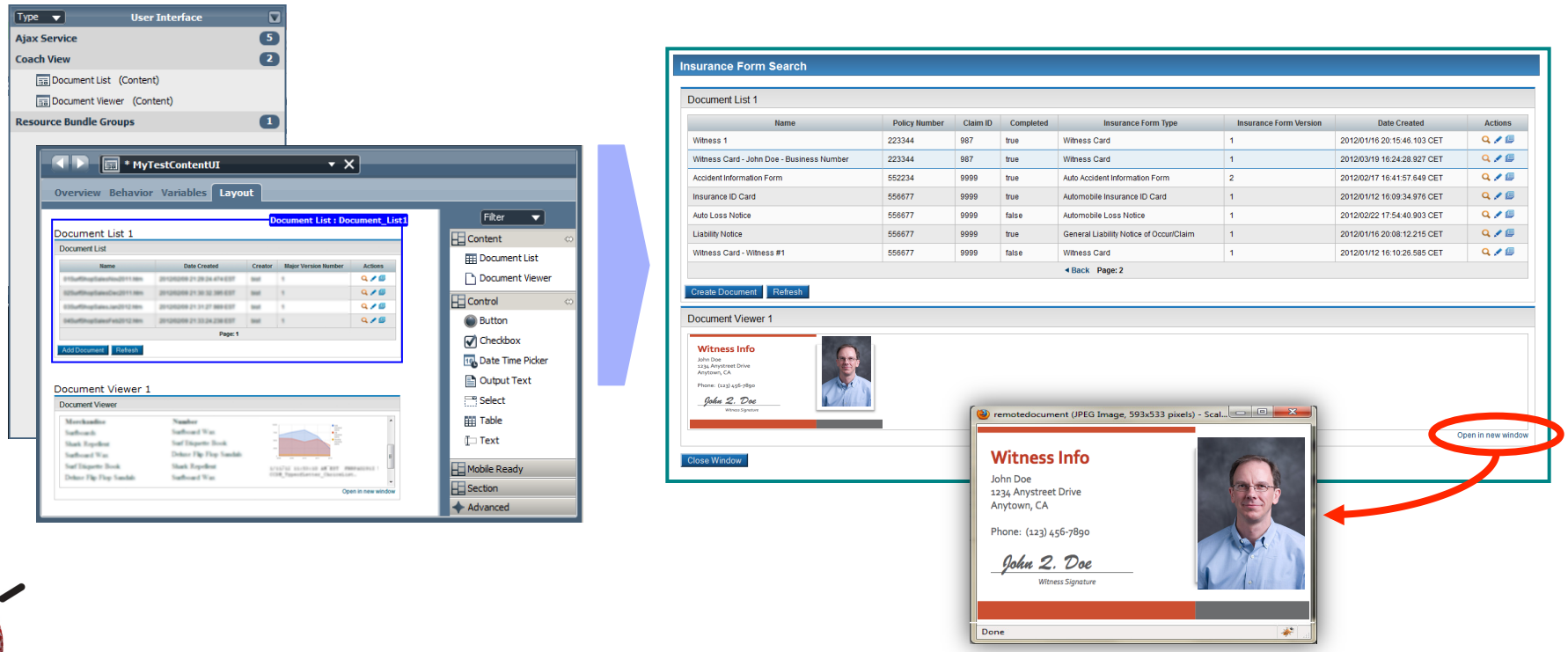
# Content User Interface Integration

Two new Coach Views in **Content Management Toolkit**

- **Document List** – Renders document metadata returned by the Search operation
- **Document Viewer** – Renders document content



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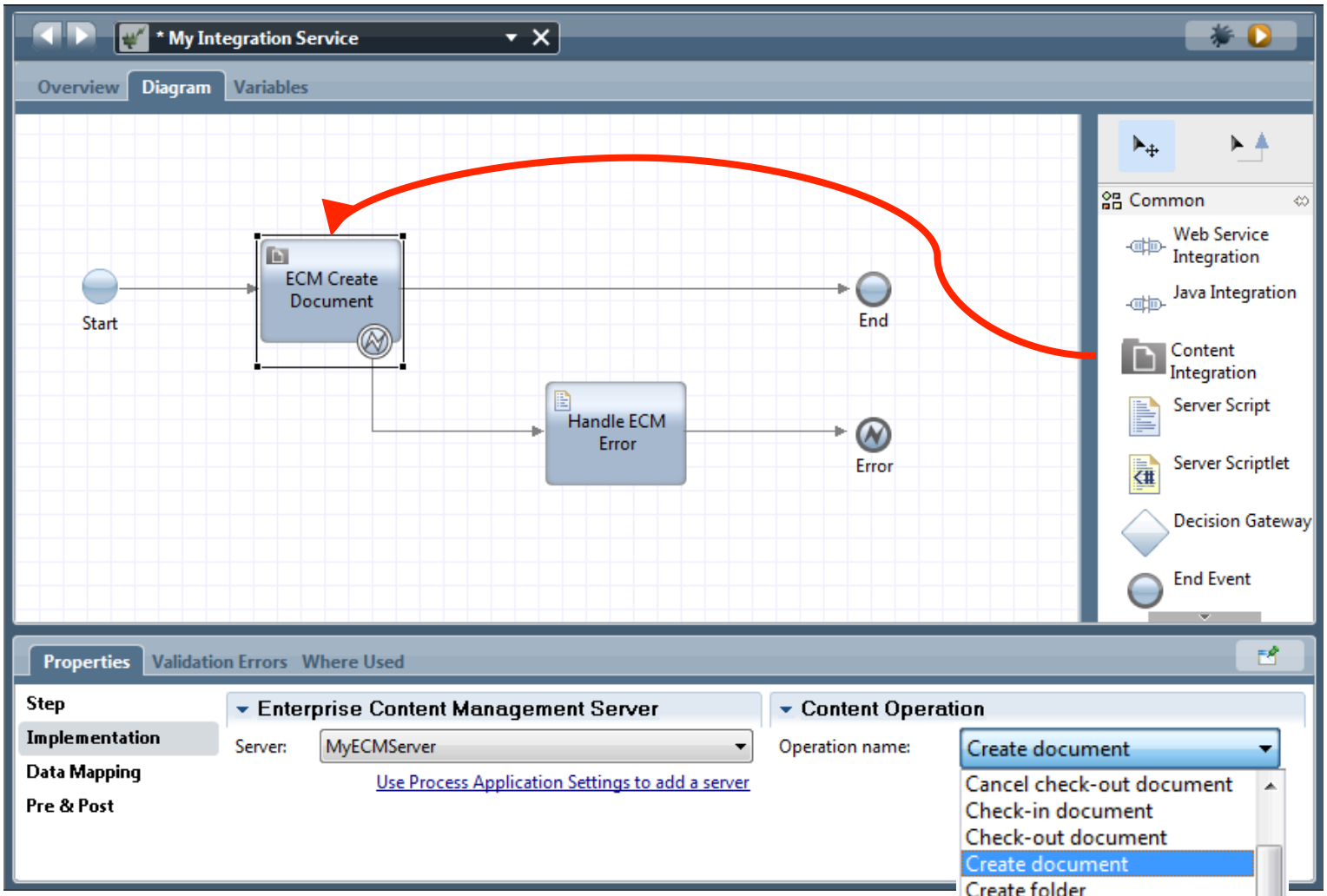
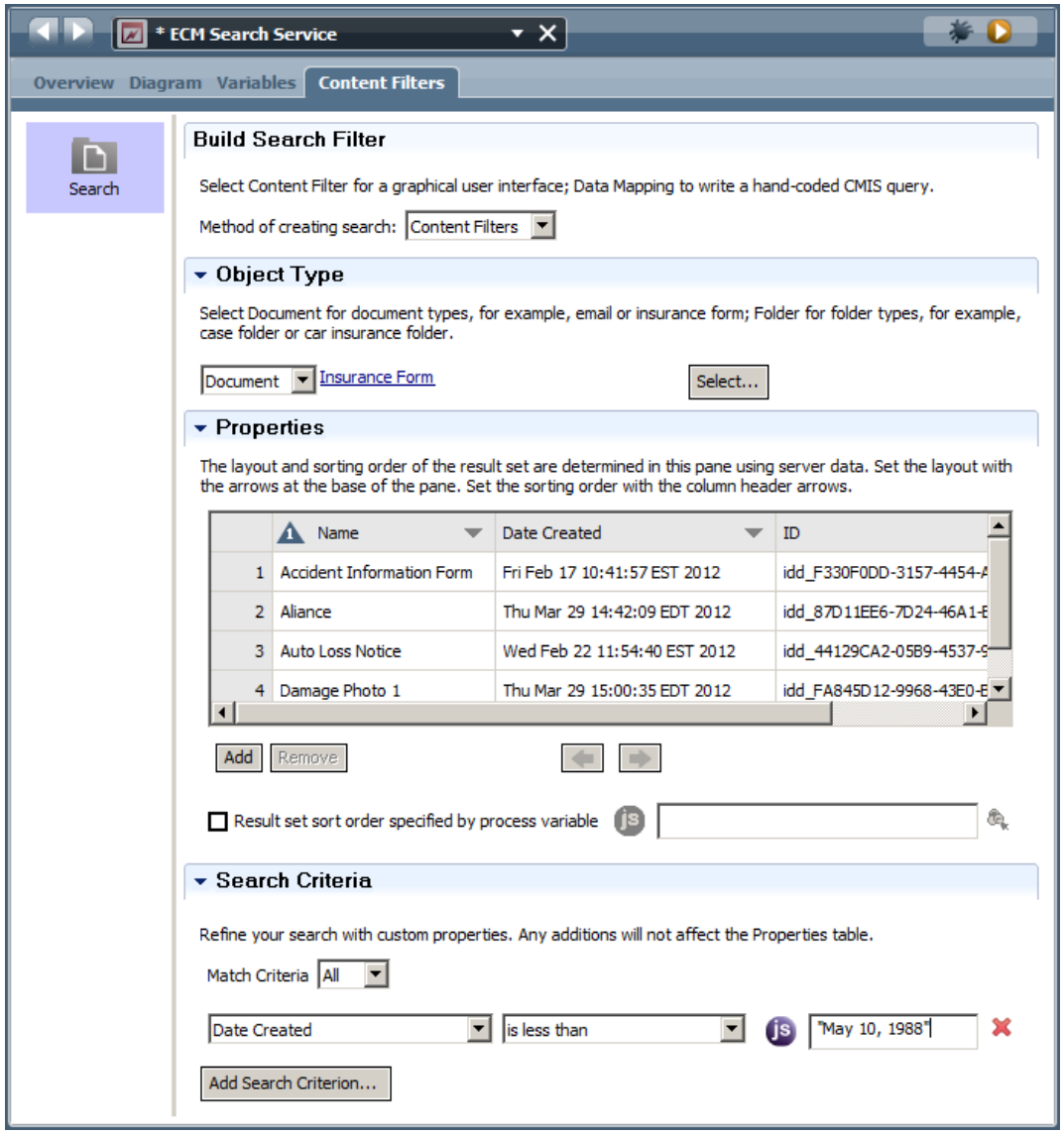
# Drag-and-Drop Content Integration in IBM BPM



# Simplified UI to Define ECM Search Filter & Preview Sample Results



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# Enhanced Governance

- **Networked Process Centers** enable sharing of process assets & toolkits to accelerate expansion "from project to program"
- **Automated governance processes** triggered by process life-cycle events for increased consistency & control
- **Active links to other development assets & tools** (including **Rational**) via Open Services for Lifecycle Collaboration (OSLC)


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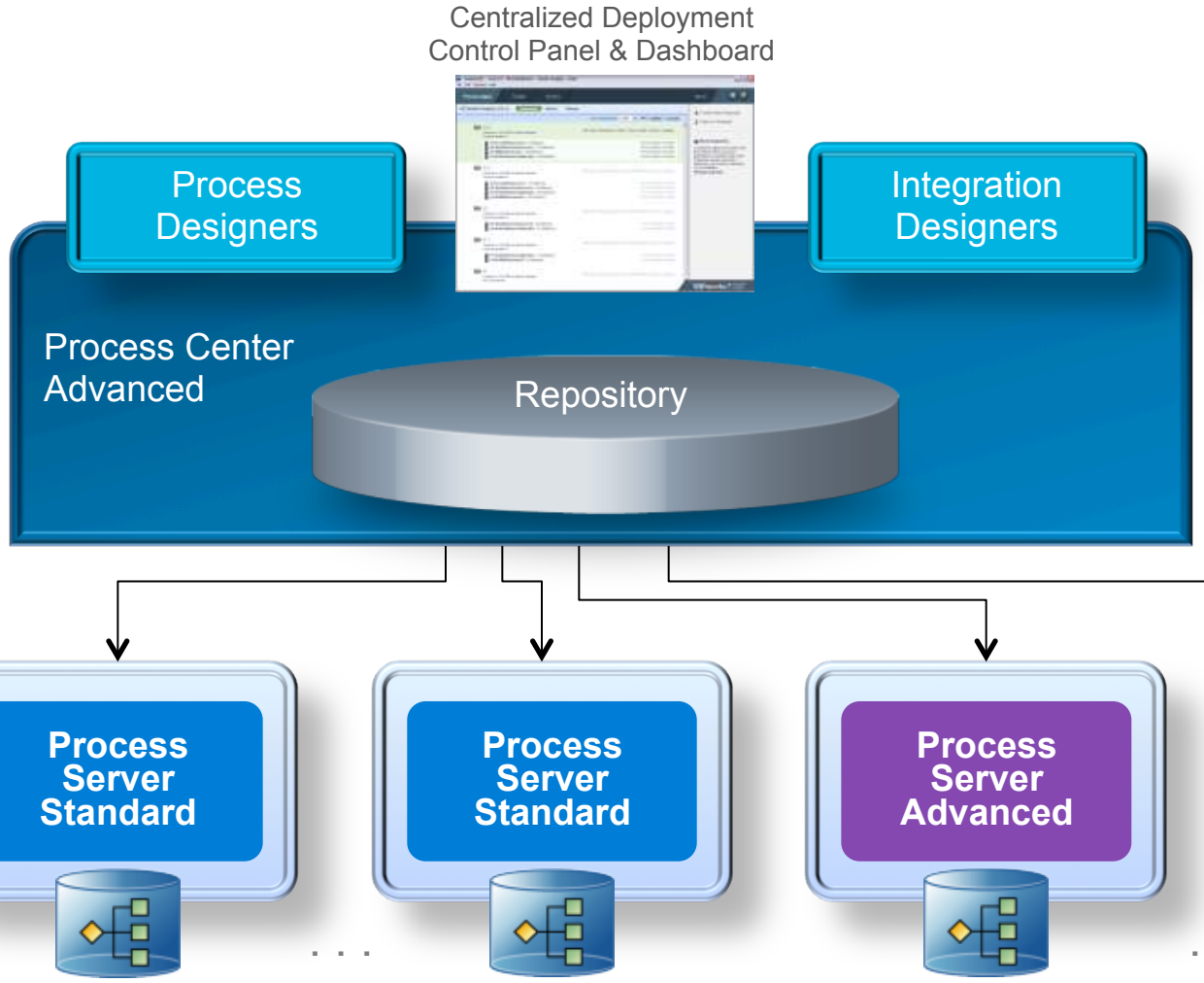
# Centralized governance of mixed IBM BPM environments




*Process Center Advanced can manage development and deployment of BPM applications for either Process Server Advanced or Process Server Standard*

*Process Server Standard is backward-compatible with Lombardi BPM applications, preserving those investments*

*Process Server Advanced includes WPS technology that can be utilized when you also need advanced integration capabilities*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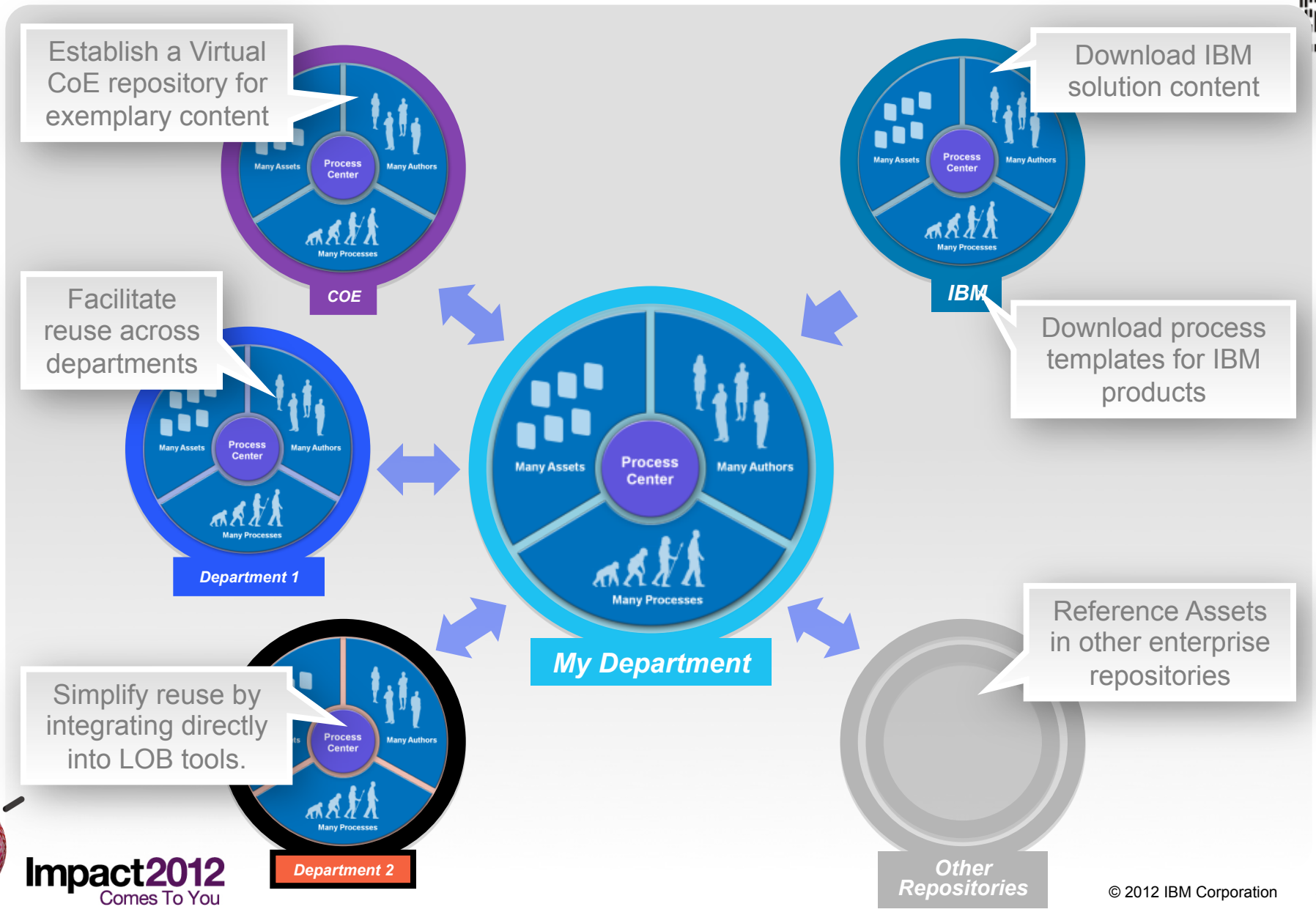
# Process Centers network for cross-group sharing



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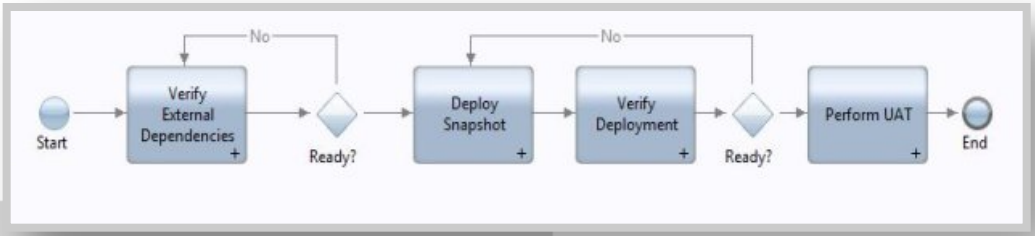
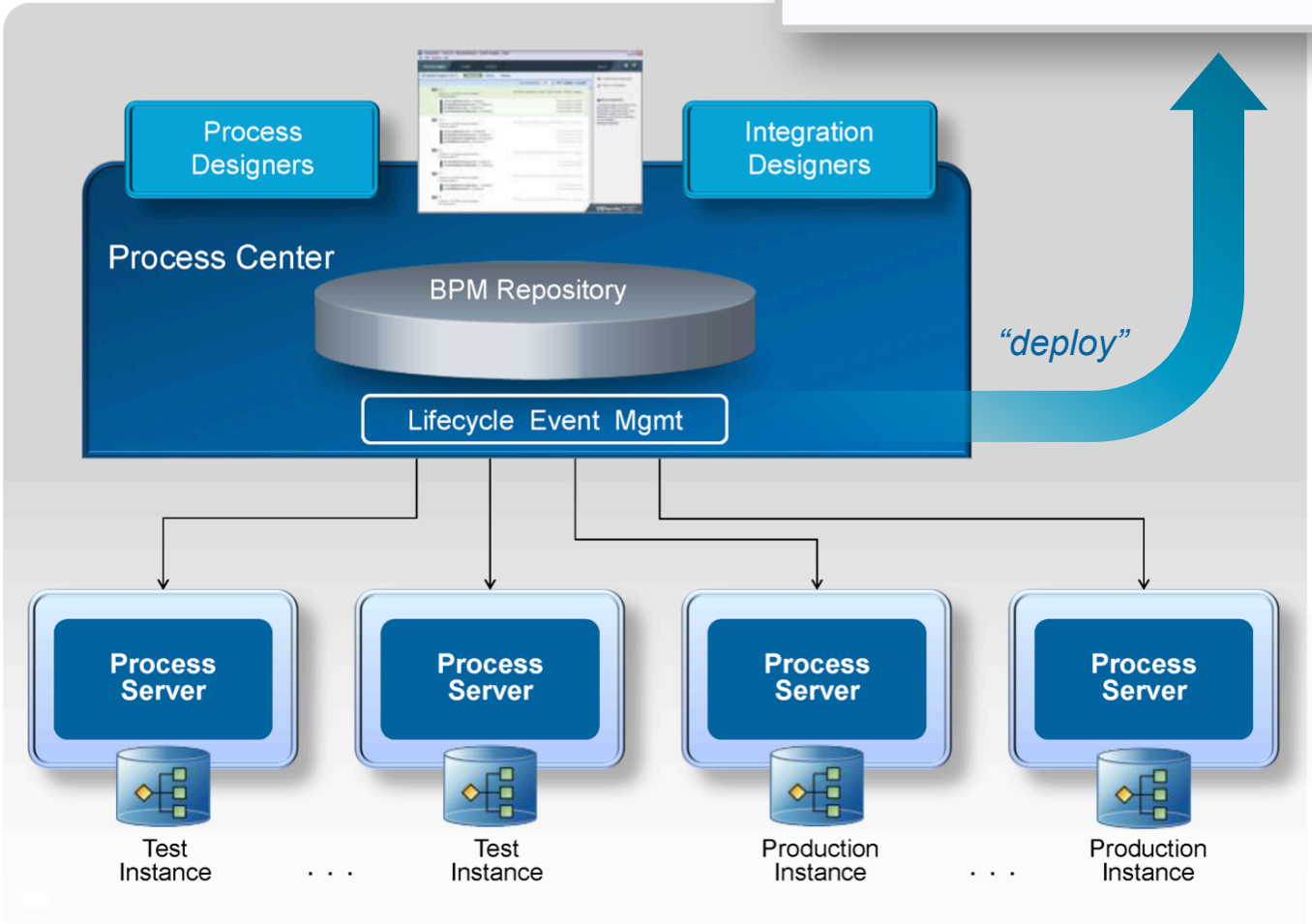
# Use governance processes to control process lifecycle

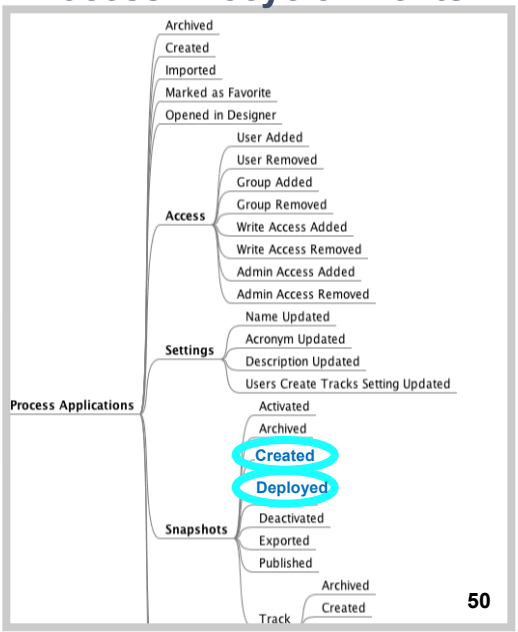
## Trigger governance processes associated with specific lifecycle events




*Governance process for deploying Snapshots*

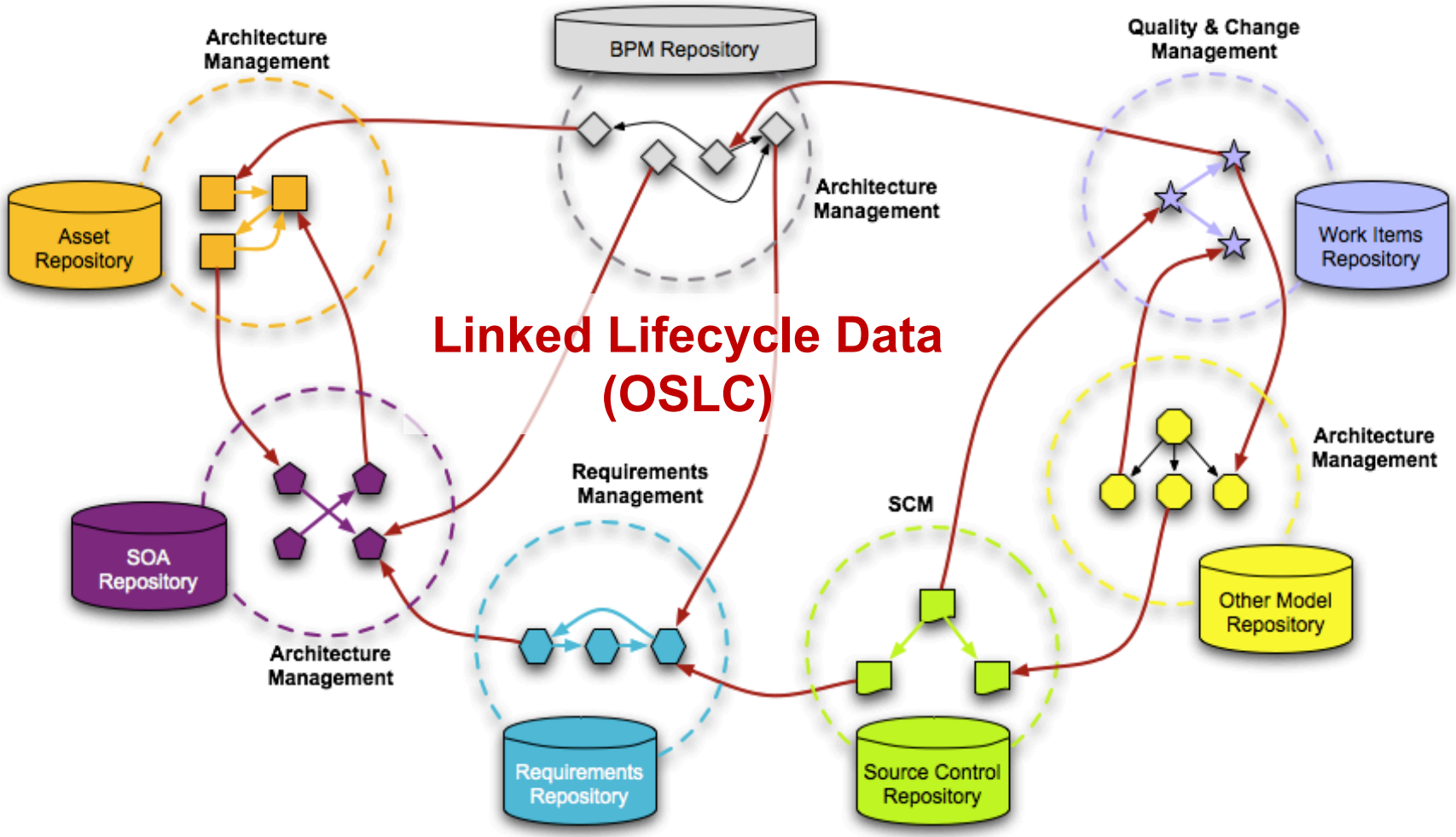



### Process Lifecycle Events



# Link to Lifecycle Assets using OSLC

***"When you look at a process model that has been linked to a requirement, a test case, and a SOA service – the user should be able to navigate across the links in model just like on the Web"*** – Value proposition of OSLC



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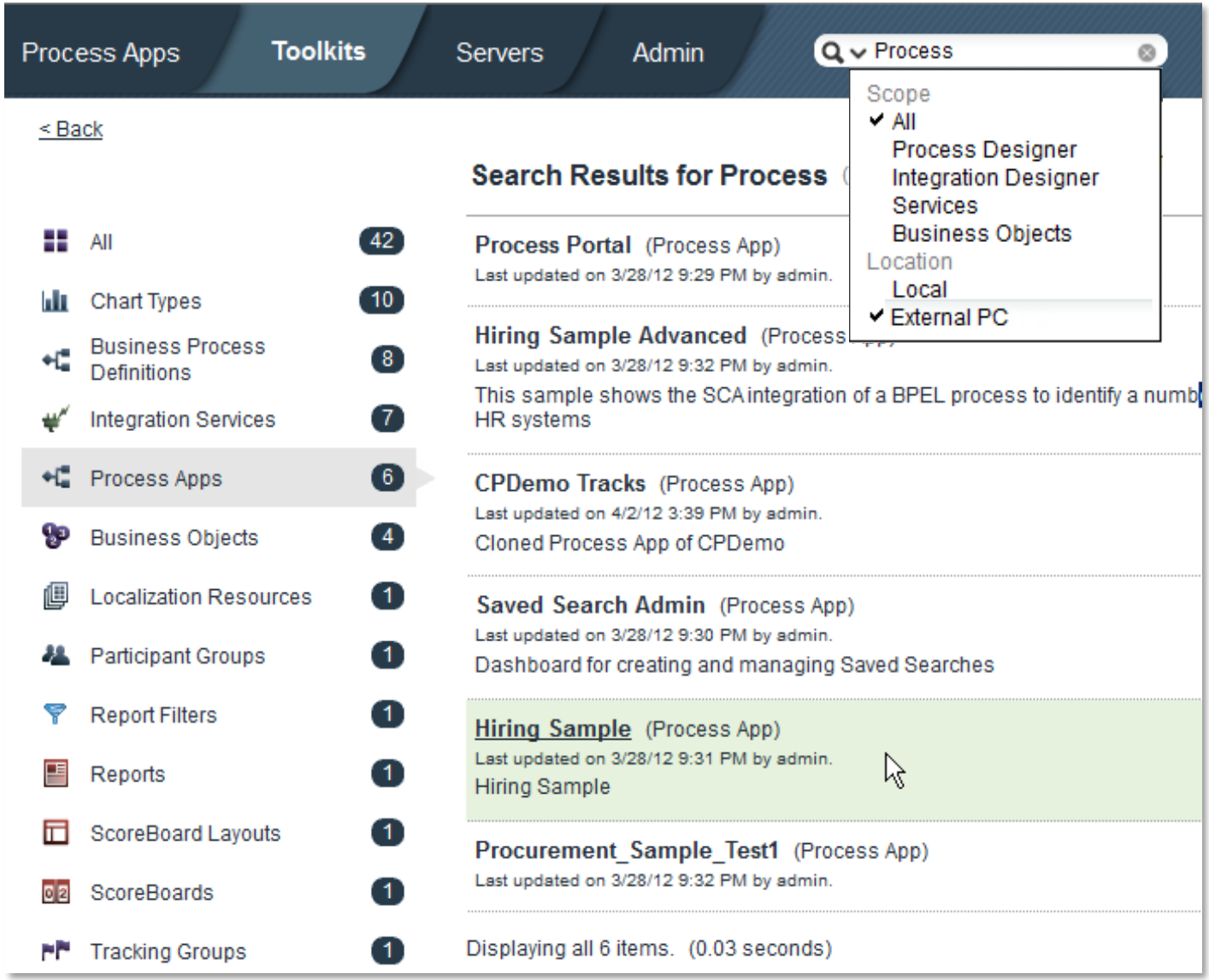
# Process Center Search



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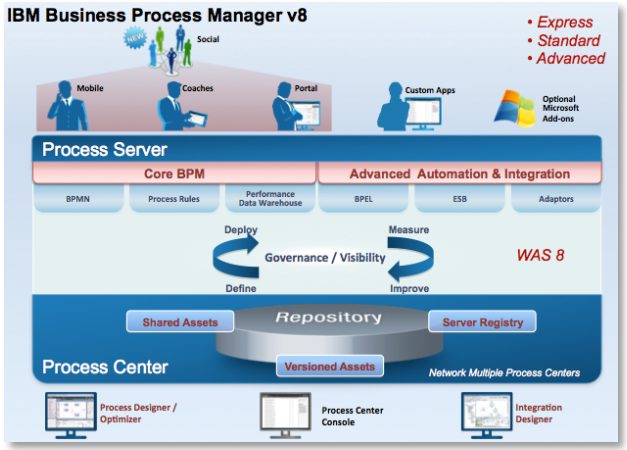
# DEMO




- Process Center Search

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# Expanded Process Management on zOS

## IBM BPM on zOS

- ***Leverage*** co-location with CICS, IMS, or DB2 for superior performance, scalability, and access to data
- ***Simplify*** operations by centralizing process assets for high volume process automation with high availability & quality of service
- ***Modernize*** existing mainframe applications by adding a "layer of process" versus rip-and-replace

## V8 Enhancements:

### *zOS Process Design Tooling*

- Enhance design tools to make it even easier to use with existing COBOL & CICS programs
- Extend out-of-box adapters with support for WOLA, 2-way integrations with IMS, etc.

### *Administration & Installation*

- Support zOS-specific monitoring, problem determination, and system administration
- Simplify additional installation scenarios on zOS
- Optimization & tuning of IBM BPM performance on zOS JVM



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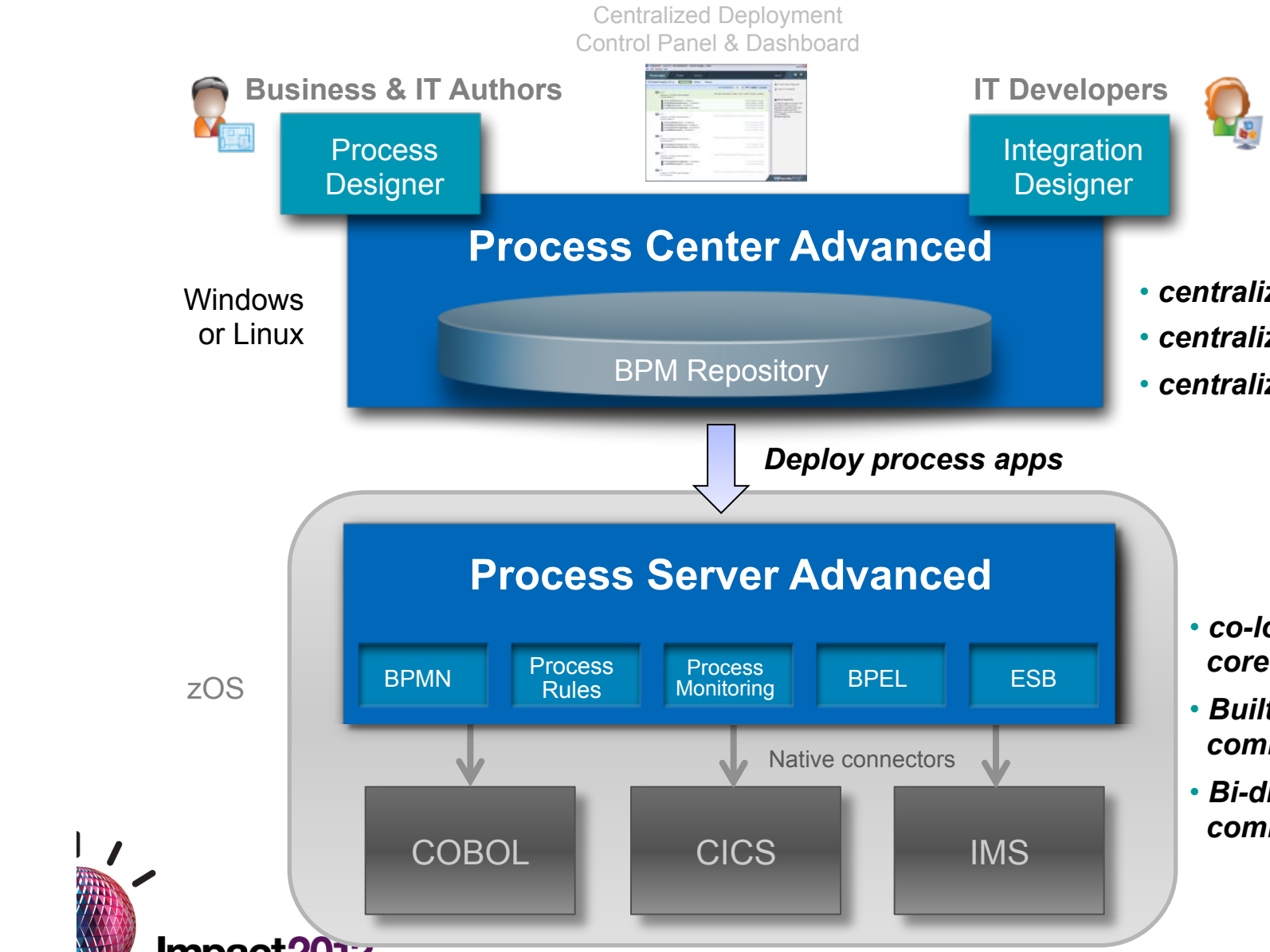
# IBM Business Process Manager on zOS



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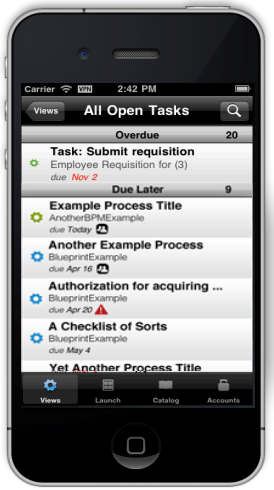
# Key Takeaways – IBM BPM v8

## Collaboration

## Mobile Access




## Content Access

## zOS

## Enhanced Governance

+295 other enhancements



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# Key Takeaways – IBM BPM v8

- Empower business users to work more efficiently and effectively with the new **Process Portal**
- Empower business process authors with a **new Coach Designer** component
- Facilitate the transition from project to program with new **advanced governance capabilities**
- Maximize your process content investment with rich **content search and sharing capabilities**
- Enrich business processes with access to critical **business documents and content**
- Extend the reach of your processes with new **mobile applications**
- Improve the foundation


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# THANK YOU! – Questions?

**Gerhard Pfau**
**IBM Senior Technical Staff Member**
**Member, IBM Academy of Technology**



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