

EDMS

Alfresco Activiti

Alfresco - Electronic Document Management System (EDMS)

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The Early Days

- In 2014, GSA saw the need for a central repository or Enterprise Document Management System (EDMS).
- The EDMS would help GSA in its transformation to a paperless work environment.
- EDMS utilizes the Alfresco Content Services Platform as its repository, along with Activiti Process Services as its work/process flow engine
- The new system was built to make staff more productive, provide better security over documents, simplify FOIA requests and automate records management

GSA Goals for Content Management (CM)

- Consolidate CM for all GSA business lines. Merge multiple CM systems onto one EDMS platform.
- Integrate seamlessly with front-end applications to provide storage/retrieval of documents for users across many business lines
- Allow and facilitate work and process process flows for the end user

What is Business Process Management (BPM)

- Business Process Management (BPM) is a discipline involving any combination of modeling, automation, execution, control, measurement and optimization of business activity flows
- Supports enterprise goals, spans systems, employees, customers and partners
- Establishes automated repeatable processes and assigns 'ownership' so that errors are reduced and risks mitigated
- Enables continuous improvements by enhancing existing processes, rather than building radically new or "perfect" ones

Content + Process + People

Alfresco One

Enterprise Content Management



Content
Store

Meta
Data

Workflow
(Activiti)

Search

Security

Records
Mgt

Alfresco Activiti

Business Process Management



Forms
Editor

Step
Editor

BPM
Editor

Forms
Library

Task
Manager

Analytics

Why Alfresco Activiti?



SIMPLE

Empower users to increase process ownership



SMART

Transform operations with new, more efficient processes



OPEN

Innovate faster and reduce IT complexity

Customer Applications



Processing

- Loan processing
- Request processing
- Incident processing

Operations

- Purchase to pay
- Service fulfillment

Onboarding

- Client onboarding
- Employee onboarding
- Student onboarding

Governance and Compliance

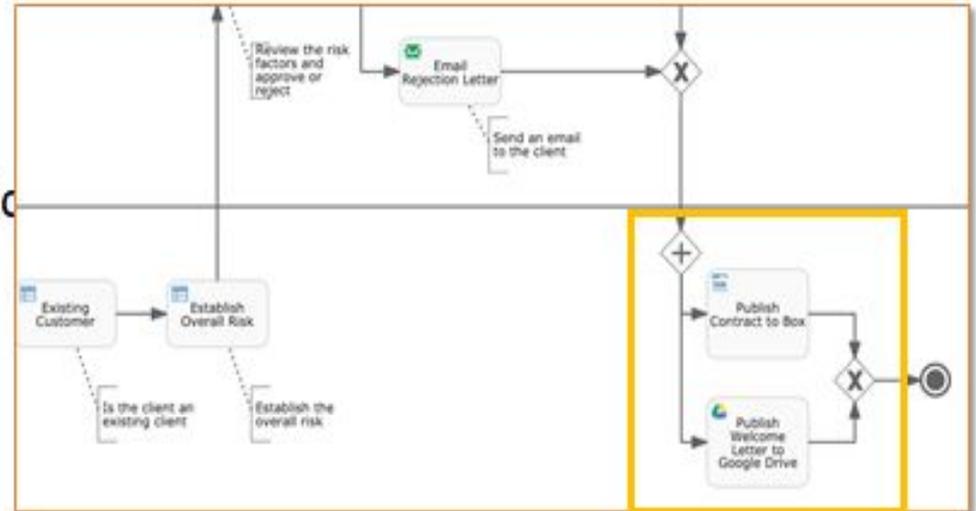
- Retention and disposition
- Regulatory compliance
- Data reporting

Application Integration

- Connectors provided to other services and systems
- Embed in custom applications
- Modern interfaces for microservice orchestration



Connected to GSA's Digital Signatures application for IAA's. Activiti is also used by the Occupancy Agreements (OA) team



The screenshot displays the Adobe Activiti Forms Editor interface. At the top, the navigation bar includes the Adobe Activiti logo, 'Processes', and 'Forms' tabs. A central box highlights the word 'Forms'. The main workspace shows a 'Warranty Claim' form in 'Design' mode. The form includes fields for 'Client Name*', 'Case Number*', 'Reported Problem', 'Item Number', 'Description of Fault', 'Purchase Date', and 'Supporting Documents'. A 'Warranty' section contains radio buttons for 'Within warranty period' and 'Outside warranty period'. A 'Mandatory fields' section is also visible. On the left, a vertical toolbar lists various form elements: Text, Multiline text, Number, Checkbox, Date, Dropdown, Typeahead, Amount, Radio buttons, People, Group of people, Dynamic table, Hyperlink, Header, Upload, Display value, and Display text. An inset window titled 'Forms Library' is shown in the bottom right, displaying a search bar and a list of forms, including 'Warranty Claim'.

Adobe Activiti

Processes Forms

Forms

Warranty Claim

Design Customer

Client Name*

Case Number*

Reported Problem

Item Number

Description of Fault

Purchase Date

Supporting Documents

Warranty

Within warranty period

Outside warranty period

Mandatory fields

Forms Library

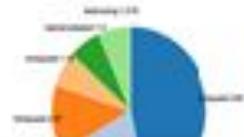
Forms Editor

Process Analytics

Process Reports

Description of process definition: 1
 Description of process instance: 11
 Description of a live process instance: 1
 Description of completed process instances: 24

Total process instances overview



Process definition heat map

Process definition

Warranty Claim (v2)

Date range

2013-04-21 | 2013-04-25

Include all process steps (Unchecking this, will remove pass through steps like start events, gateways, etc.)

Save this report

Process heat map

Number of times a step is executed



Process HeatMap