

# IdentityIQ Preview

---

Fundamentals of IdentityIQ  
Implementation

IdentityIQ 7.0

---

# IdentityIQ Preview

## Overview

- IdentityIQ business purpose
- IdentityIQ technical overview
- IdentityIQ functional elements
- Implementation Strategies

# Why Identity and Access Management?

## Common Business Objectives

- Security and regulatory compliance
  - Review user access and eliminate unneeded access
  - Enforce segregation of duties and other access policies
  - Provision new access in compliance with standards
  - Deactivate access quickly when users leave the organization
- Business service
  - Provision required access quickly
  - Provide control to the business
    - Managing passwords
    - Access change requests
- IT efficiency
  - Lower IT support call volume
  - Increase the amount of administration automation

# IdentityIQ Business Purpose

- **Business Friendly Access Governance**
  - Confirming and enforcing least access across all applications
  - Modeling and enforcing business and IT policies
  - Auditing user's access and the controls around that access
  - Enforcing compliance
- **Business Friendly Access Provisioning**
  - Provisioning within bounds of
    - Providing and enforcing least access
    - Business and IT policies
  - Automating provisioning
  - Providing control to the business
    - Managing passwords
    - Access change requests

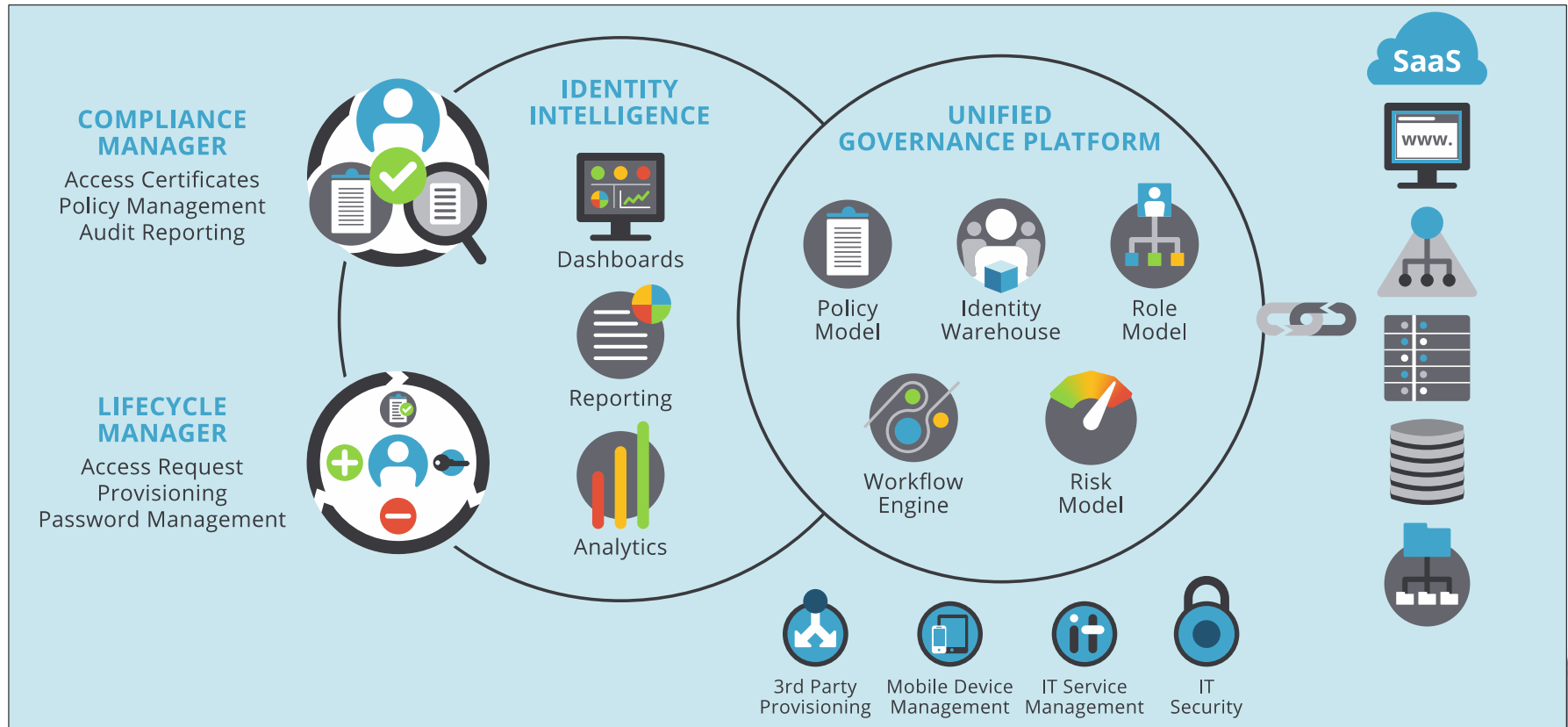
# IdentityIQ Components

Business need

Business analytics

Business model

Business applications



IT infrastructure

# IdentityIQ Technical Overview

# IdentityIQ Process – Reading Data



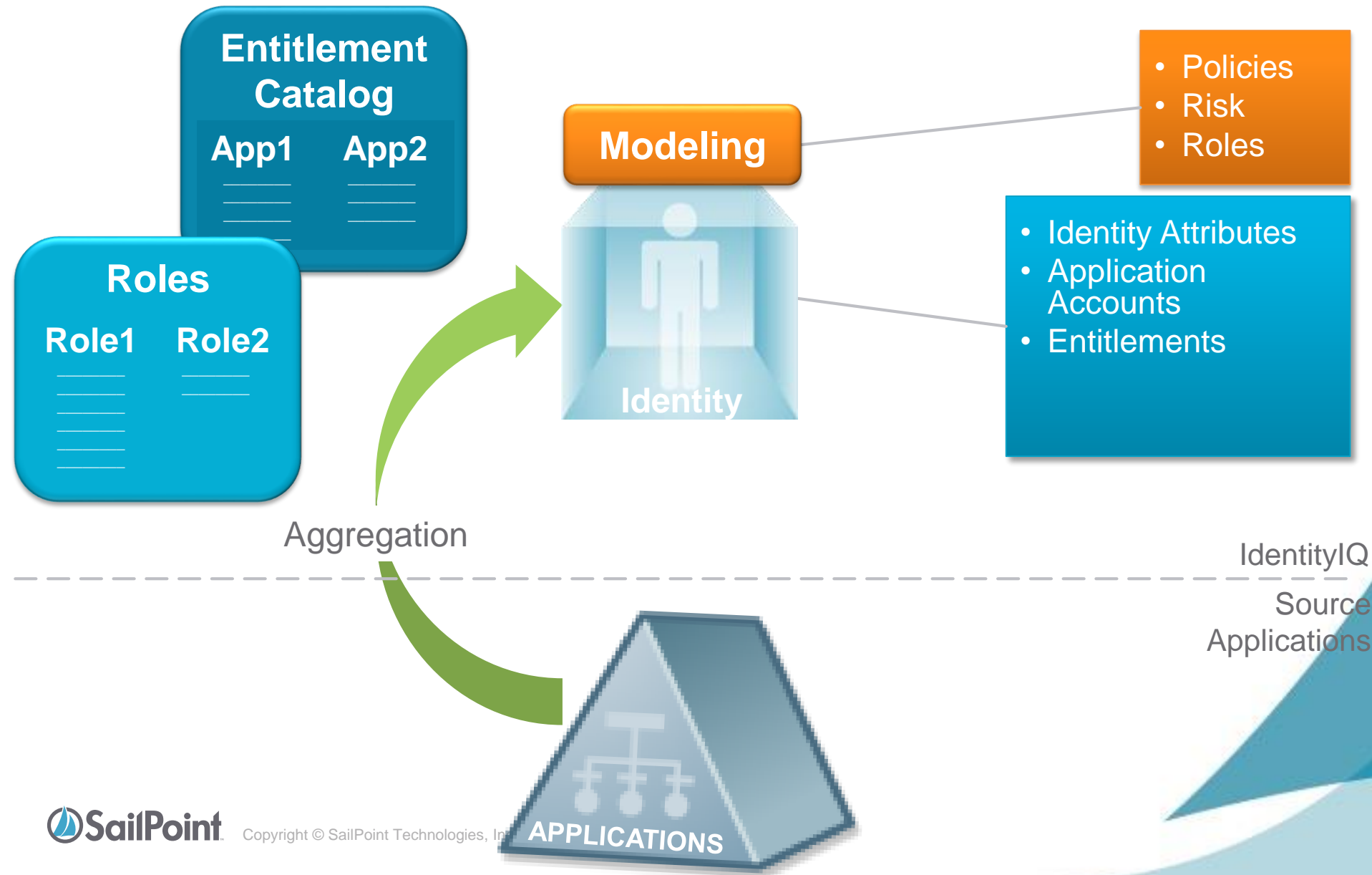
- Identity Attributes
- Application Accounts
- Entitlements

Aggregation

IdentityIQ  
Source  
Applications

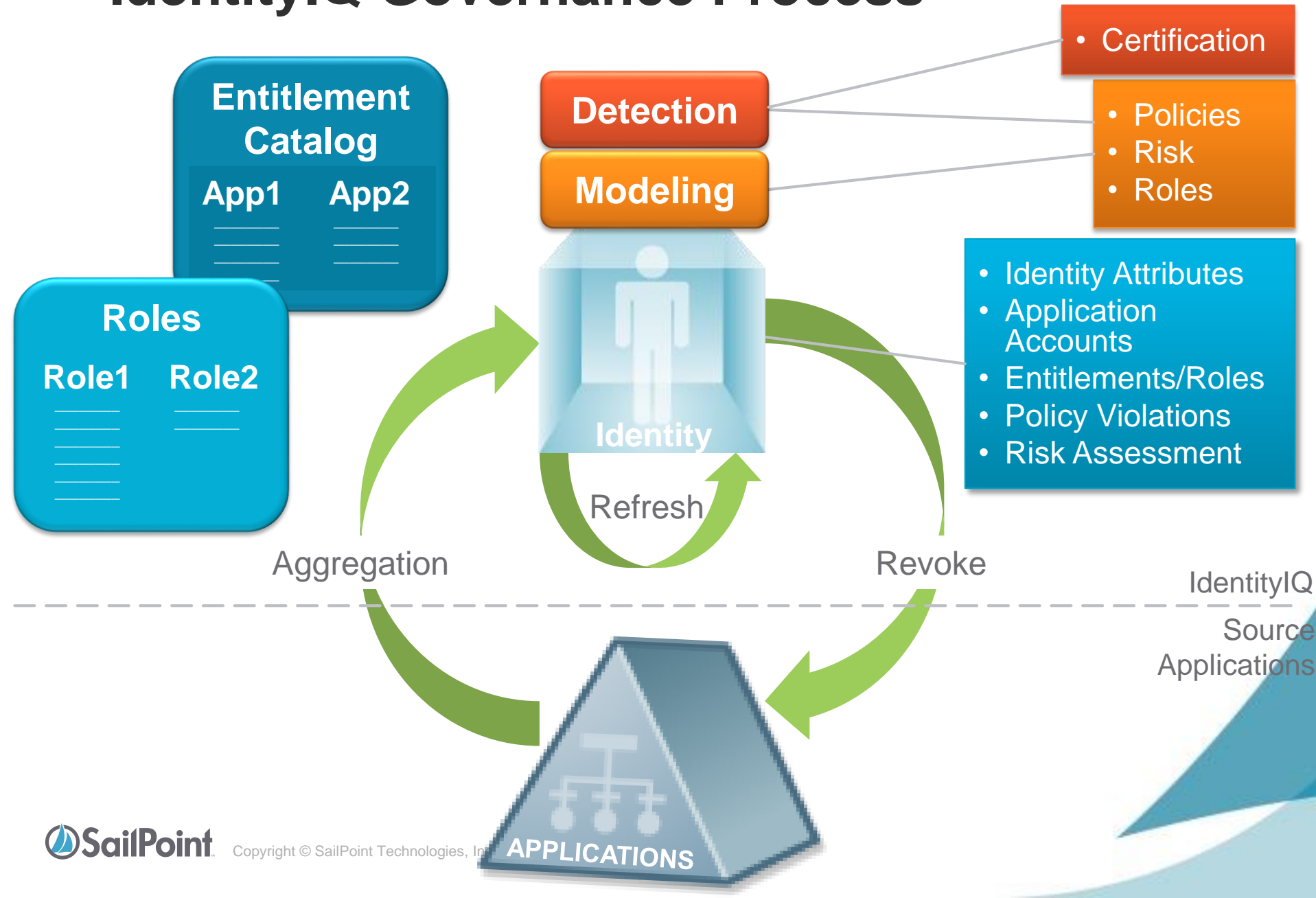


# IdentityIQ Process – Business Modeling

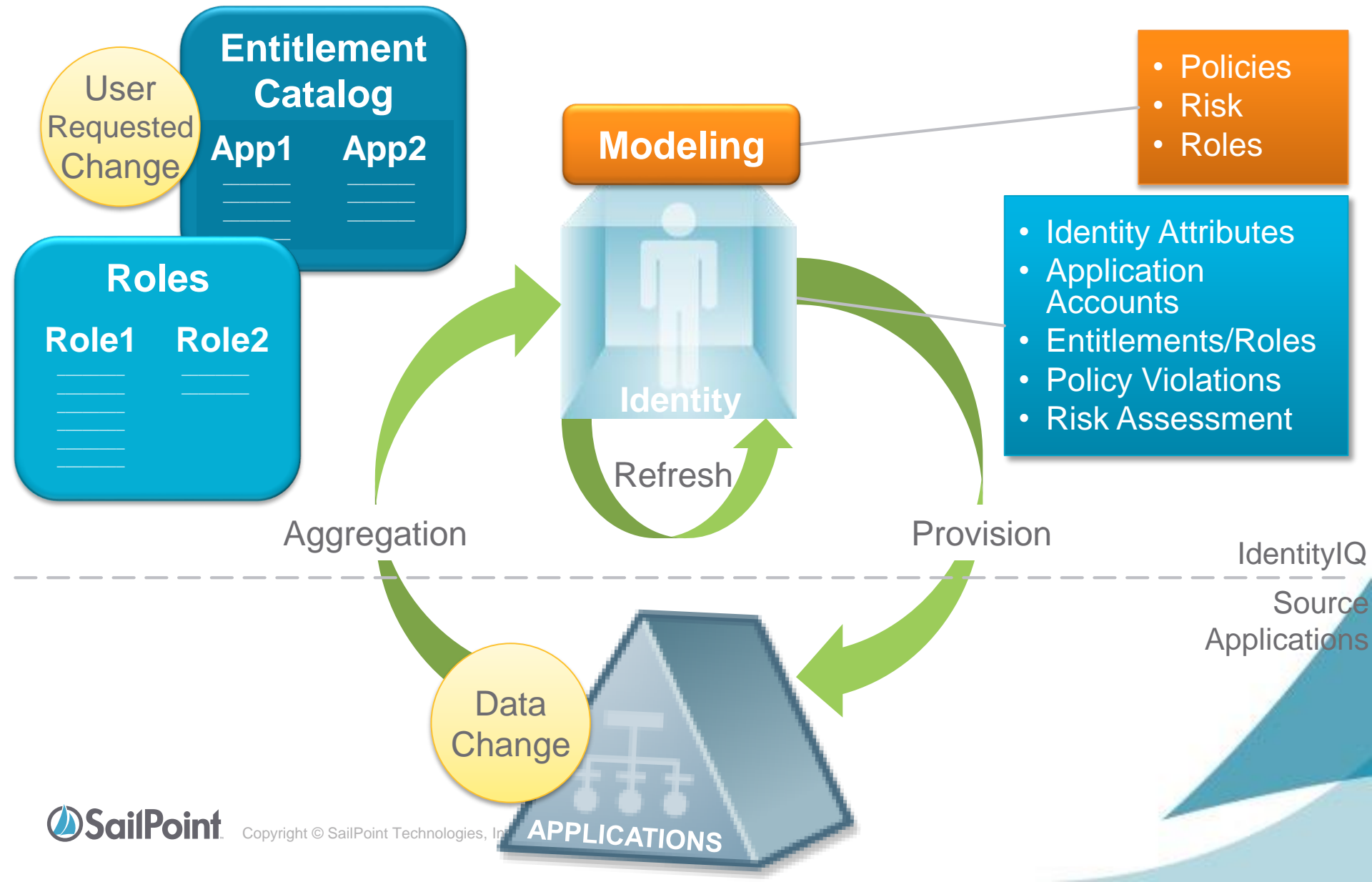




# IdentityIQ Governance Process



# IdentityIQ Provisioning Process



# Functions Needed to Meet Biz Purpose

## Example Projects

<b>Biz Purpose Function</b>	<b>Certification Only</b>	<b>Certification &amp; Roles</b>	<b>Provisioning Only</b>	<b>Certification &amp; Provisioning</b>
Aggregation	<b>Required</b>	<b>Required</b>	<b>Required</b>	<b>Required</b>
Entitlements Catalog	<b>Required</b>	<b>Required</b>	<b>Required</b>	<b>Required</b>
Certification	<b>Required</b>	<b>Required</b>		<b>Required</b>
Policy	Optional	Optional	Optional	Optional
Risk	Optional	Optional	Optional	Optional
Roles	Optional	<b>Required</b>	<b>Recommended</b>	<b>Recommended</b>
LCM Request			<b>Required</b>	<b>Required</b>
LCM Events			<b>Recommended</b>	<b>Recommended</b>

# Introduction to IdentityIQ Functional Elements

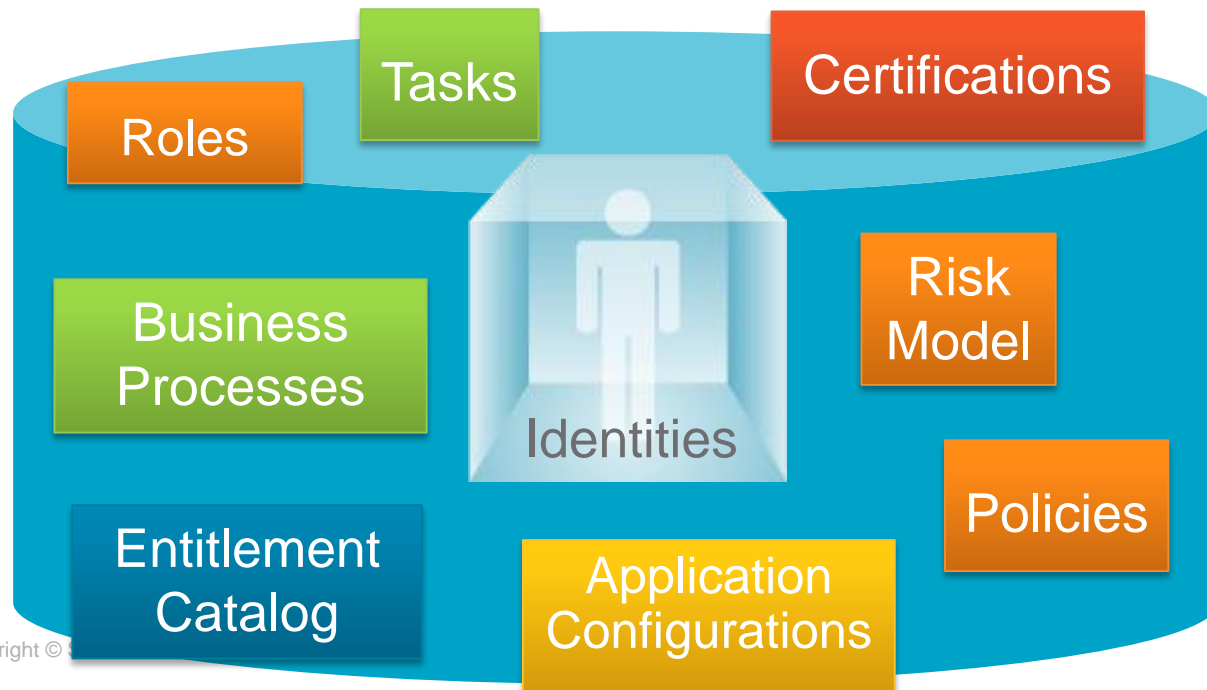
# Intro to IdentityIQ Functional Elements

- Tasks
- Business Processes (workflow)
- Home Page
- Quicklinks
- Work Items
- Rules

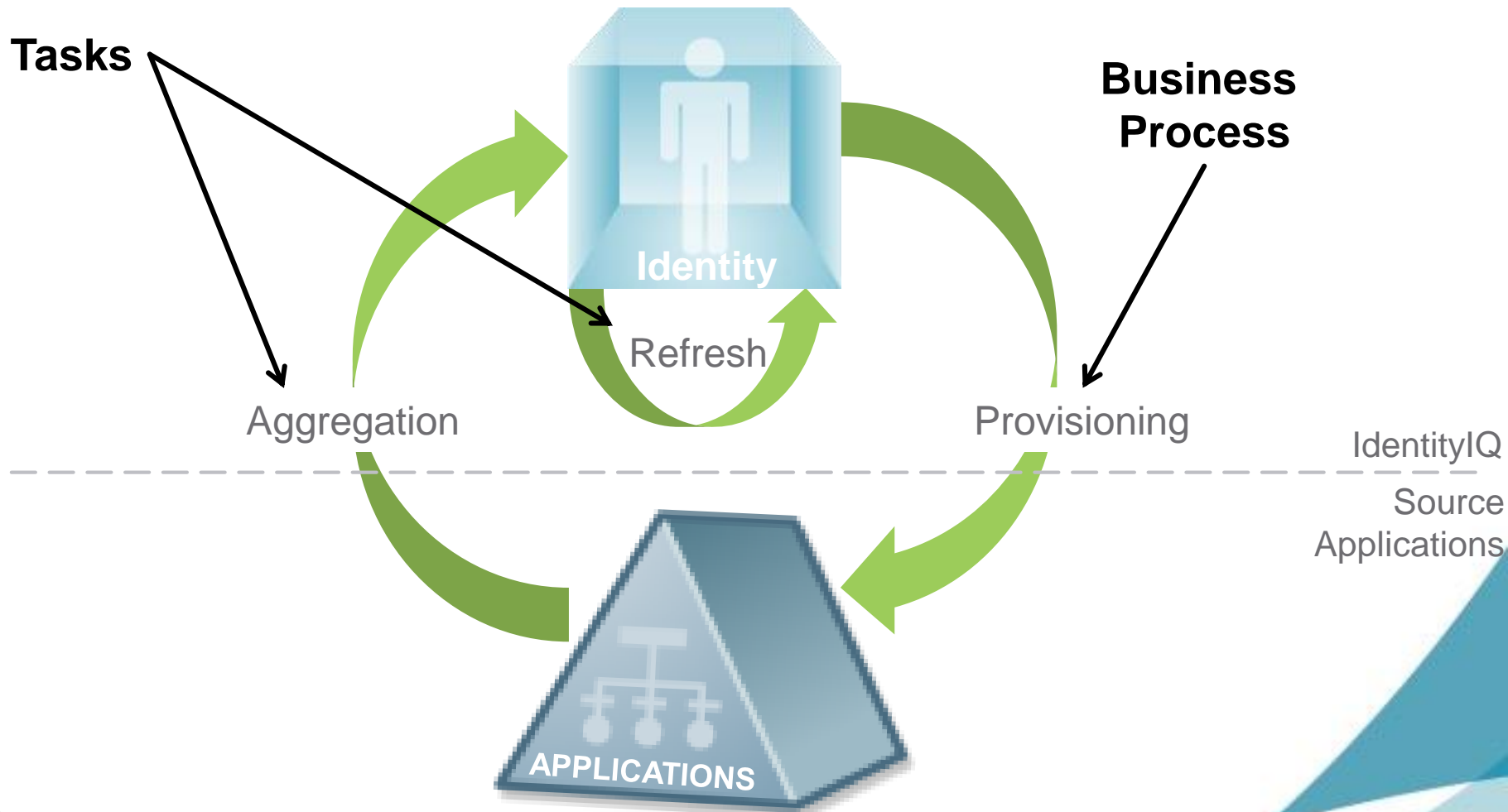
# IdentityIQ Objects and Actors

## Tasks and Business Processes

- All data is stored in IdentityIQ as objects
- Users run or schedule tasks to act on objects
  - Tasks typically process data
- Business processes act on objects in response to events or user requests
  - Business processes typically interact with the user



# Example Task and Business Process



# Tasks

- Many standard tasks are pre-configured
- Many task templates are provided
- Implementation team
  - Configures tasks
  - Can develop tasks specific to your environment
- System administrator
  - Responsible for monitoring tasks

## Tasks

## Tasks

The screenshot displays the 'Tasks' management interface. At the top, there are tabs for 'Tasks', 'Scheduled Tasks', and 'Task Results'. Below the tabs is a search bar labeled 'Search by Task Name' with a magnifying glass icon. The main area is a table with columns 'Name' and 'Description'. A filter 'type: Identity (9 Tasks)' is applied. The table lists several tasks, including 'Check Active Policies', 'Prune Identity Cubes', 'Refresh Entitlement Correlation', 'Refresh Groups', 'Refresh Identity Cube', 'Refresh Identity Cubes and Scope', 'Refresh Identity Cubes with Process Events', 'Refresh Risk Scores', and 'Refresh and Provision R'. A dropdown menu is open, showing a list of task templates: 'Account Aggregation', 'Account Group Aggregation', 'Activity Aggregation', 'BMC ESS Application Creator', 'Continuous Certification Refresh', 'Data Export', 'Encrypted Data Synchronization Task', 'Entitlement Role Generator', 'FIM Application Creator', 'IQService Public Key Exchange Task', 'ITIM Application Creator', and 'Identity IQ Cloud Gateway Synchronization Task'.

Name	Description
type: Identity (9 Tasks)	
Check Active Policies	Check default policies and refresh the policy violation
Prune Identity Cubes	Delete identities that have no account links and hav
Refresh Entitlement Correlation	Refresh the business role assignments of all identi
Refresh Groups	Refresh indexes for all identity groups.
Refresh Identity Cube	Perform a full refresh of all the identities.
Refresh Identity Cubes and Scope	Template for identity refresh scans.
Refresh Identity Cubes with Process Events	Template for identity refresh scans.
Refresh Risk Scores	Refresh risk scores for all identities.
Refresh and Provision R	Refresh and provision identities.

- Account Aggregation
- Account Group Aggregation
- Activity Aggregation
- BMC ESS Application Creator
- Continuous Certification Refresh
- Data Export
- Encrypted Data Synchronization Task
- Entitlement Role Generator
- FIM Application Creator
- IQService Public Key Exchange Task
- ITIM Application Creator
- Identity IQ Cloud Gateway Synchronization Task



# IdentityIQ Maintenance Tasks

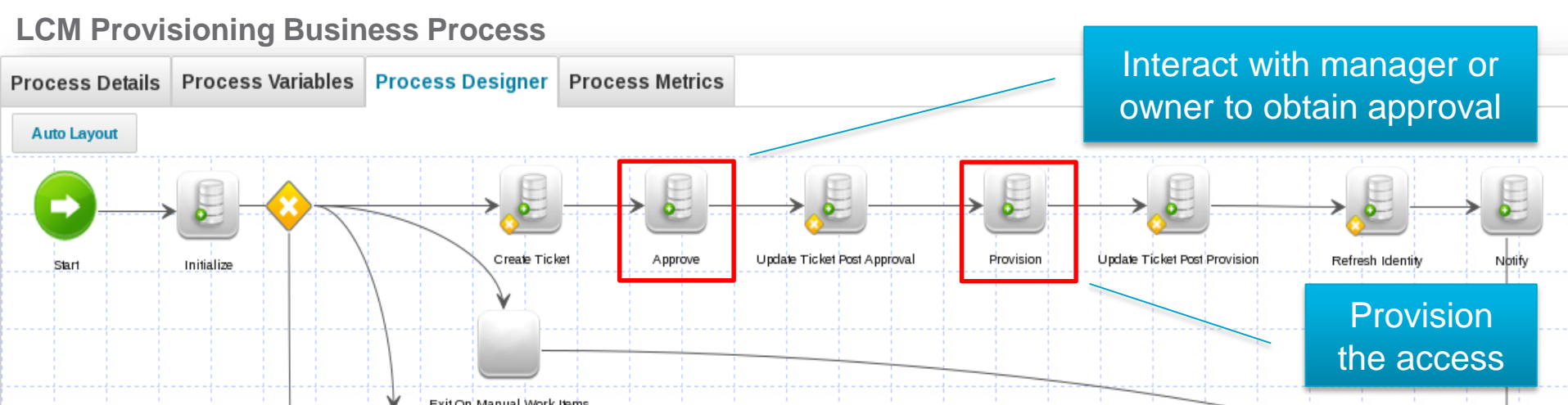
## Required for IdentityIQ Functionality

- Four tasks are pre-scheduled

Task	Purpose	Default Schedule
Perform maintenance	Keeps standard systems moving through their phases	Every 5 minutes
Check expired mitigations daily	Scans for policy & certification exceptions that have expired	Daily
Check expired work items daily	Scans for uncompleted workitems that have expired	Daily
Perform Identity Request Maintenance	Checks for provisioning completeness	Daily

# Business Processes (Workflows)

- A sequence of steps to perform work triggered by system events or a user request
- Standard business processes are pre-defined in IdentityIQ
- Implementation team responsibilities
  - Configure standard business processes
  - Can develop business processes specific to your environment



# IdentityIQ Home

Access to pages for configuring, managing and analyzing data

Option for customizing Home page

The screenshot shows the SailPoint IdentityIQ Home dashboard. A red box highlights the top navigation bar, which includes the SailPoint logo, a hamburger menu, and links to Home, My Work, Identities, Applications, Intelligence, and Setup. A gear icon for settings is also present. Another red box highlights the 'Edit' button in the top right corner. A third red box highlights the 'Quicklink Cards' section, which includes Policy Violations (5), Access Reviews (2), Approvals (0), Manage User Accounts, and Track My Requests. A fourth red box highlights the 'Latest Violation Work Items' table. A fifth red box highlights the 'Latest Approvals' section. A sixth red box highlights the 'Latest Forms' table. A seventh red box highlights the 'Quicklink Cards for accessing frequently used features' section. An eighth red box highlights the 'Widgets showing current work at a glance' section.

**Navigation Bar:**

- Home
- My Work
- Identities
- Applications
- Intelligence
- Setup
- Settings (Gear icon)
- Notifications (32)
- The Administrator

**Quicklink Cards:**

- Policy Violations: 5
- Access Reviews: 2
- Approvals: 0
- Manage User Accounts
- Track My Requests

**Latest Approvals:**

**Latest Violation Work Items:**

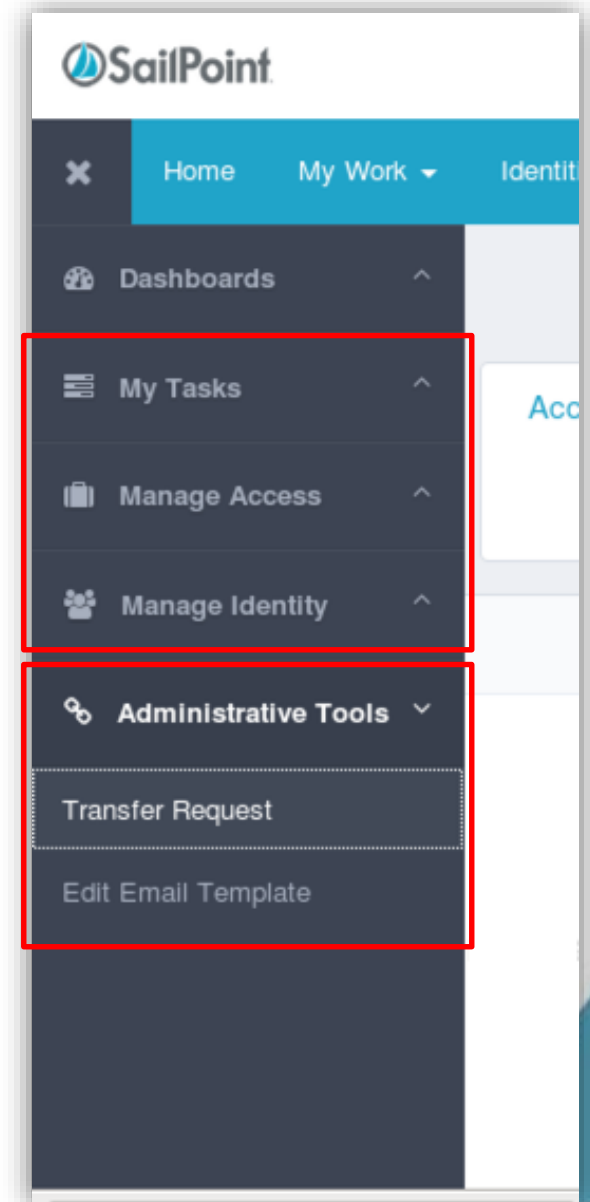
Name	User	Date	
A violation...	John Con...	12/29/15 ...	>
A violation...	Aaron.Nic...	12/29/15 ...	>
A violation...	Jerry.Ben...	12/29/15 ...	>
A violation...	James.S...	12/29/15 ...	>

**Latest Forms:**

Name	Requester	Date	
Transfer ...	The Admi...	2/18/16 2:...	>
Provisioni...	The Admi...	2/18/16 2:...	>
Cell Phon...	The Admi...	2/18/16 1:...	>
IT Reques...	The Admi...	2/18/16 1:...	>

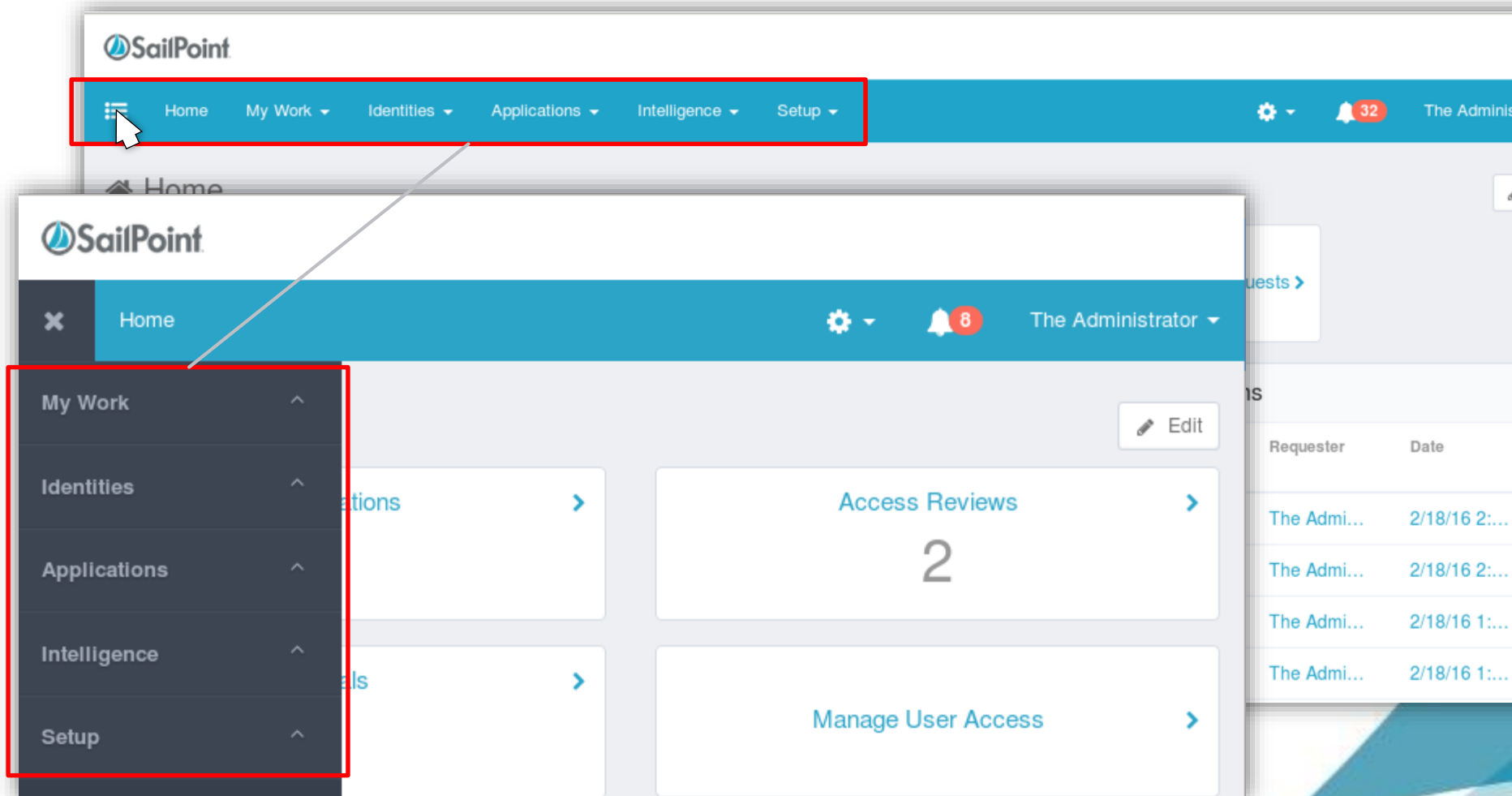
# IdentityIQ Quicklinks

- Standard Quicklinks
  - My Tasks
- Lifecycle Manager Quicklinks
  - Manage Access
  - Manage Identity
- Custom Quicklinks
  - Allow for the extension of standard operations
    - Launch business processes
    - Link to specific areas of the UI
    - Link externally
  - Configured by your Implementation Team



# IdentityIQ and Tablet Devices

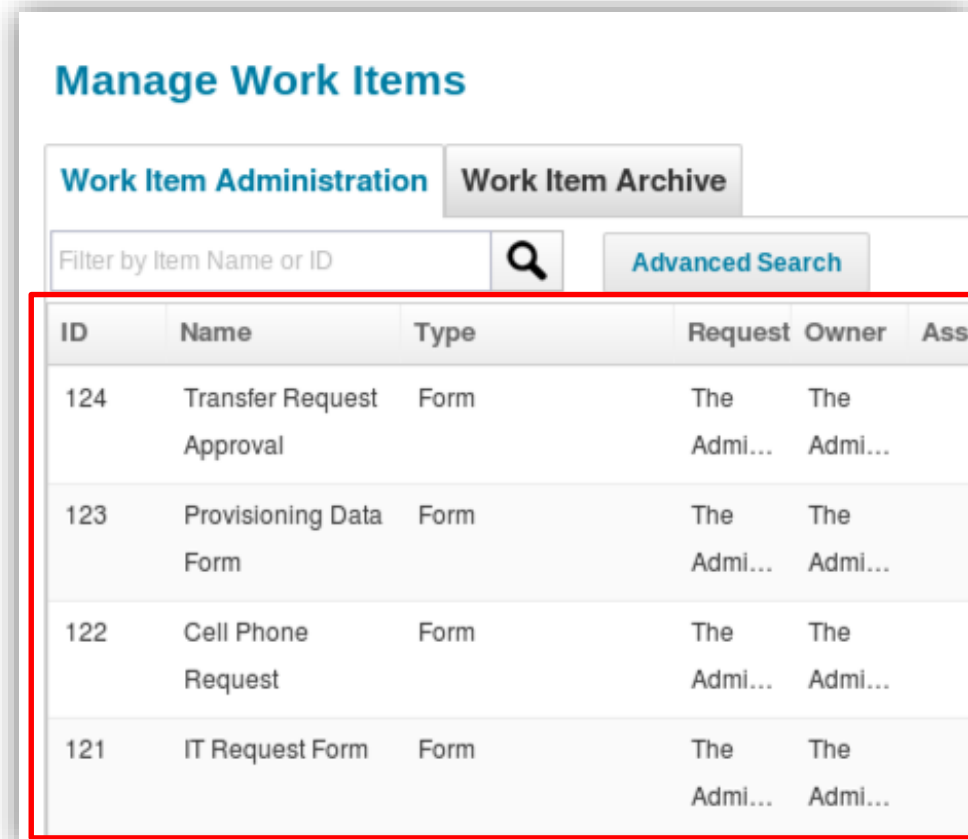
## Accessing Configuration Options with Reduced Screen Width



# Work Items

## Definition

- Work that the user needs to complete
  - Access Request Approval
  - Manual Changes
  - Access Review
  - Policy Violation
  - Delegation
- User informed about work items via email



**Manage Work Items**

Work Item Administration Work Item Archive

Filter by Item Name or ID

ID	Name	Type	Request	Owner	Ass
124	Transfer Request Approval	Form	The Admi...	The Admi...	
123	Provisioning Data Form	Form	The Admi...	The Admi...	
122	Cell Phone Request	Form	The Admi...	The Admi...	
121	IT Request Form	Form	The Admi...	The Admi...	

# Incorporating Business Logic

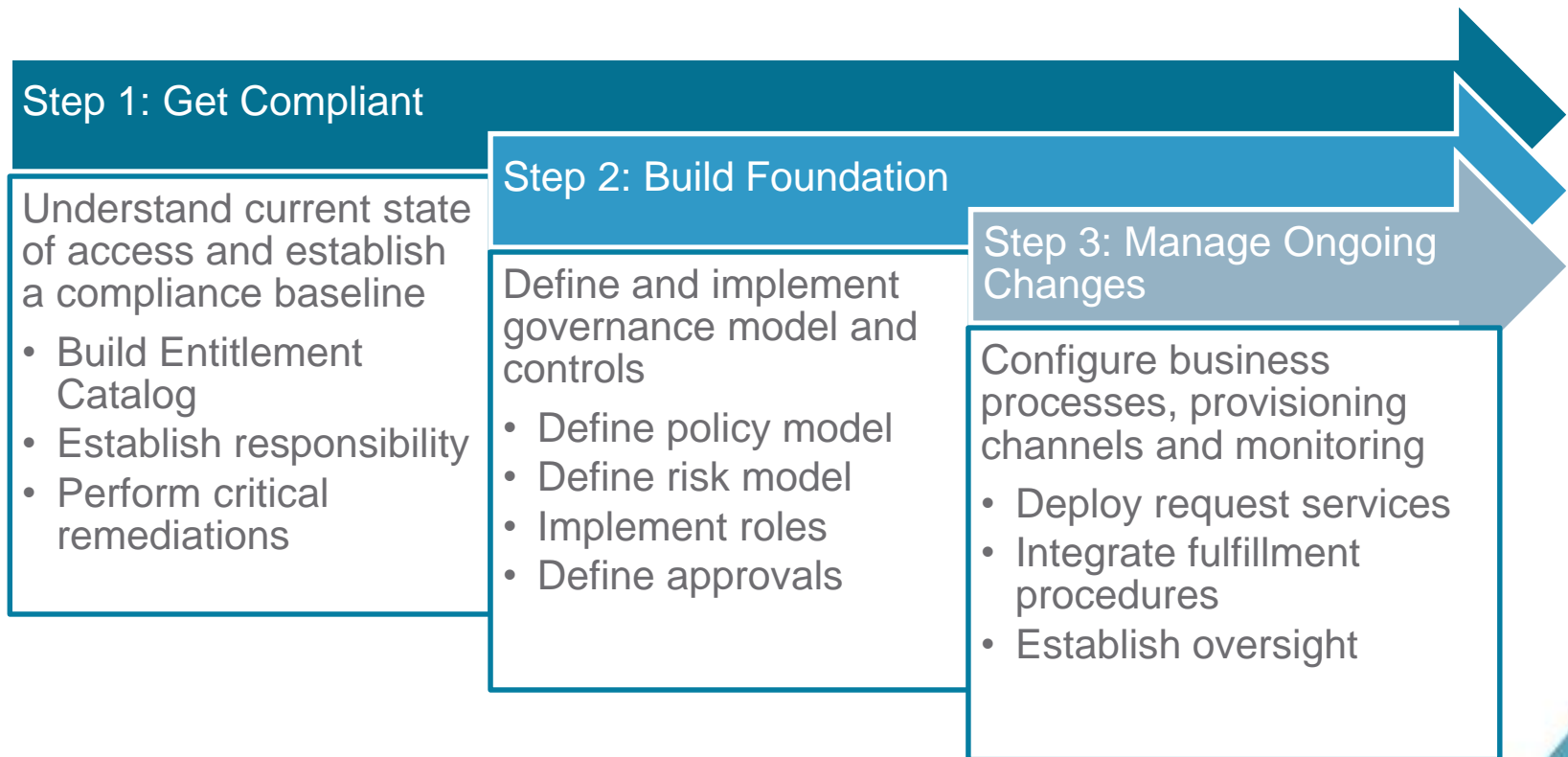
## BeanShell Rules

- Snippets of user code written to inject business logic
- Rule “hooks” provided throughout IdentityIQ
- Common uses
  - Prepare data for aggregation
  - Customize data during aggregation
  - Define unique business policies
  - Control certification behavior
  - Provide values for drop-down menus
  - Provide application provisioning logic
  - ...and many more!
- Creation
  - With IdentityIQ rule editor
  - Create in IDE
  - Import from XML file
- Stored as reusable objects in the database

# Implementation: Where do you start?

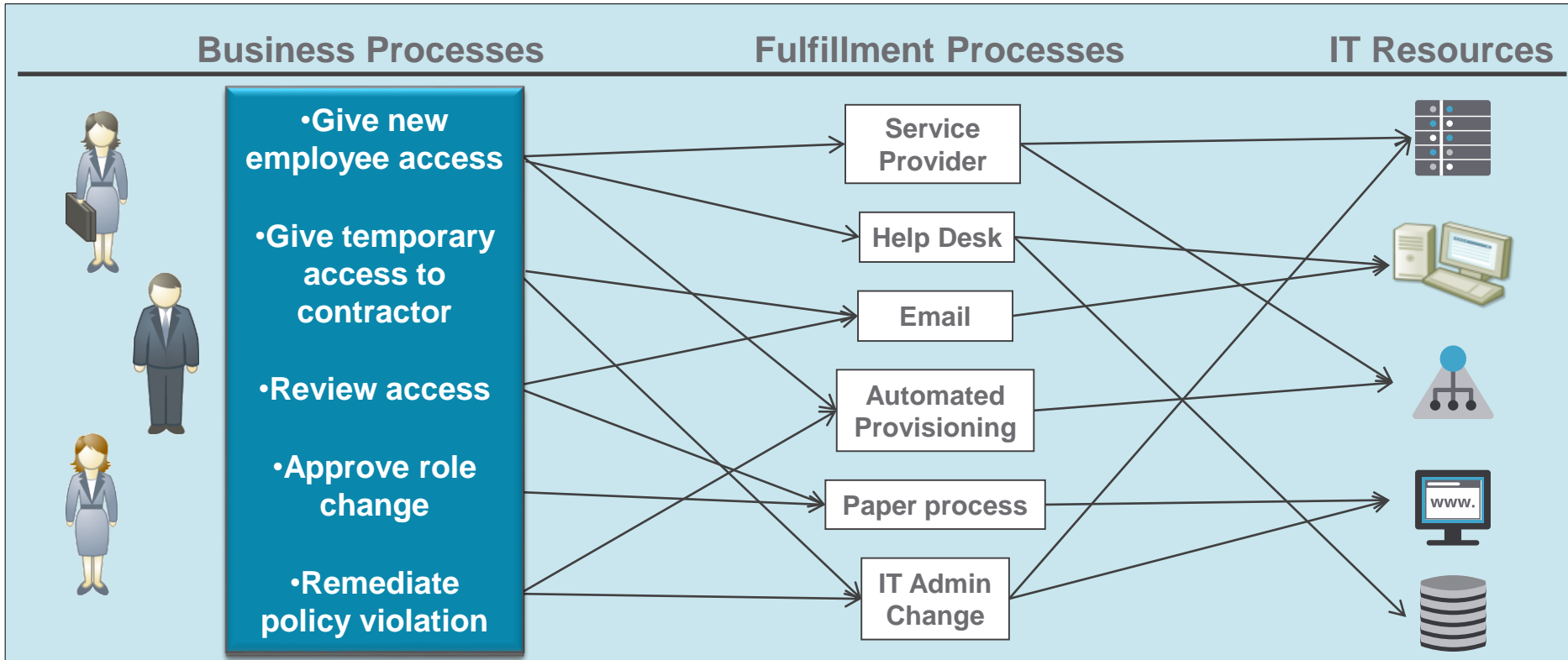


# Three Steps to Governance-based Provisioning



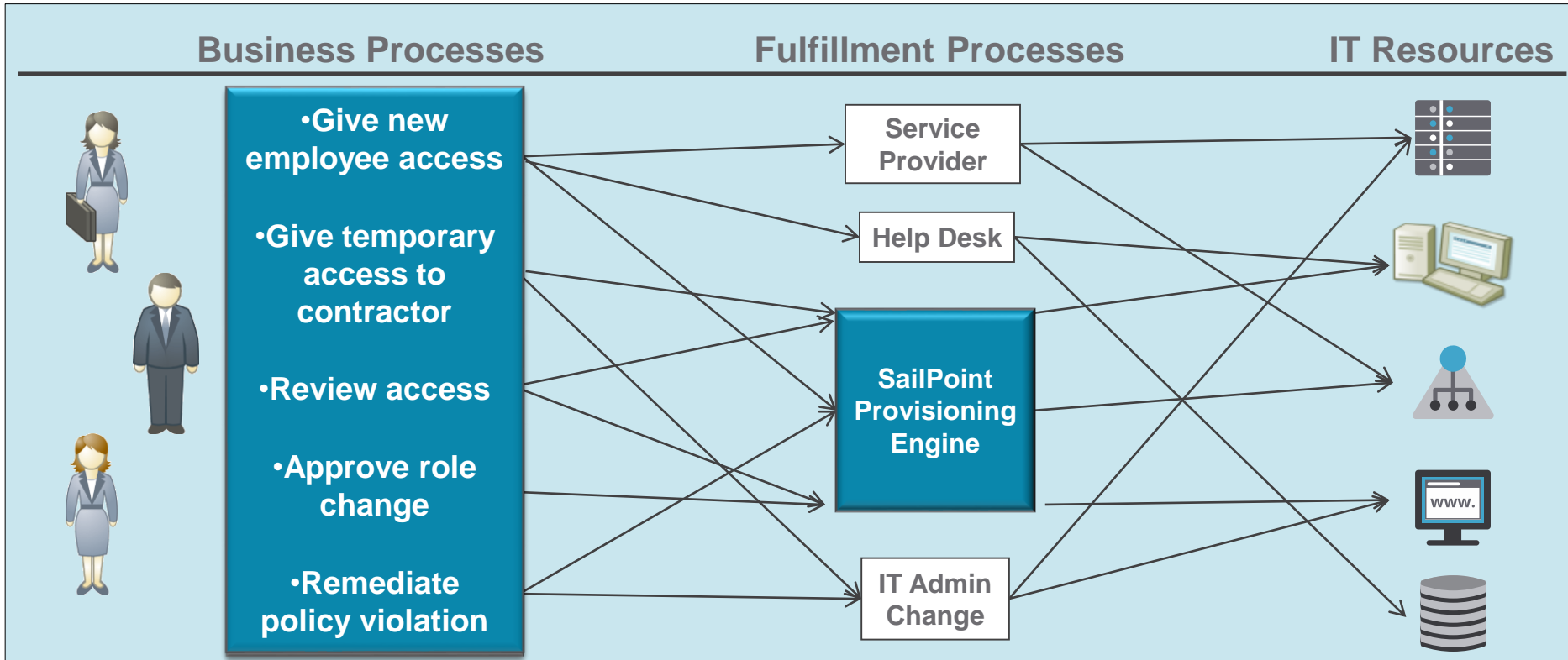
# Last Mile Neutral Provisioning

## Start with Minimal Disruption



# Last Mile Neutral Provisioning

Focus Automation on High Volume Fulfillment



# Summary

- IdentityIQ purpose and components
  - Business friendly access governance and provisioning
  - Business problem is solved by IAM Solution modules
    - Compliance Manager
    - Lifecycle Manager
  - Business policy, roles, risk are modeled in the Governance Platform
  - Integration Modules leverage existing IT systems
- Technical overview
  - IdentityIQ governance process
  - IdentityIQ provisioning process
- Common concepts
  - Tasks & workflows are the IdentityIQ actors
  - Rules are snippets of user written code inserted at pre-defined locations
- 3-step getting started process

# Questions?

---