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Creative Problem Solver & Strategic Thinker

MyVector Workflow Builder

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Human Resource Platform

BAM Technologies - US Air Force

Position

UX Manager and Platform Strategist

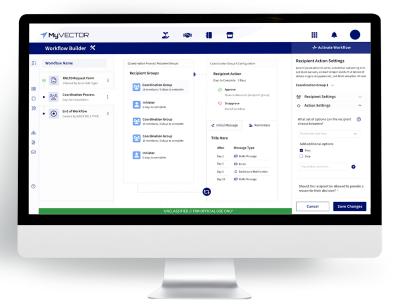
Role

Contributor and Strategist

Tools & Technology

Adobe XD & Outsystems

Worked to develop a workflow builder for the US Air Force to use within their HR application: MyVector. The builder was designed to allow for admins to come into the platform and create custom work processes. The initial use case was for the Air Force's application process.





Design Problem

Presently, every time a new application process or form needs to be added to the MyVector platform, it requires assistance from developers at BAM Technologies. This leads to inefficiencies for the Air Force and BAM Technologies employees. In addition, within the MyVector platform there are similar functionalities being built out that relate to one another, such as building out questionnaires and forms, but there is no central location for admins to access this information.

How do we help empower administrative users to be able to create the tools and resources that they need without requiring external intervention?

Assumptions:

Administrative users want to be able to create their own processes

There is enough overlap in these processes that we can create a generic structure for administrative users to use to create their custom workflows.



Solution

A series of 'builders' that allow administrative users to create their own content for their processes.

Form Builder

A custom form builder that allows users to create their own intake forms or questionnaires.

Workflow Builder

A custom flow builder that allows users to create their own workflow processes based off of some triggering action.

Email Builder

A custom email builder to create emails that can be used in automatic communication systems.

The goal of the software is to empower administrative users to create their own custom content and processes.



Builder Tools

Workflow Builder

Initial Implementation

Strictly looking at application processes

Users

Coordination Groups

Workflow Admins

Airman

Spaceman

IT Admin

Initiatives

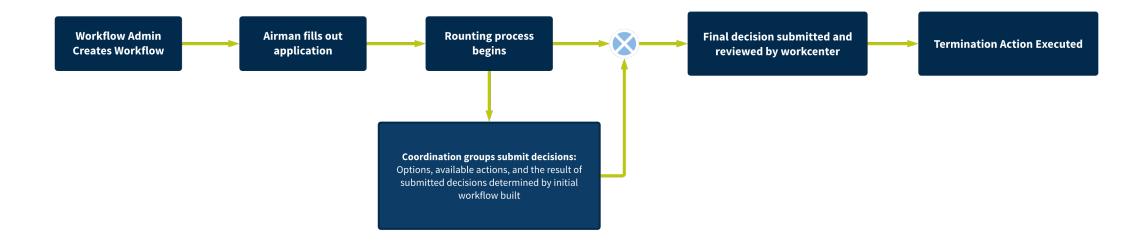
Managing workflow

Applying for a _____

Coordinating workflows

Managing applications







Builder Tools

Workflow Builder

Requirements

Create a workflow

Edit existing workflow

Pause workflow/stop submissions

View workflow status

Create a workflow

Intake applicant information

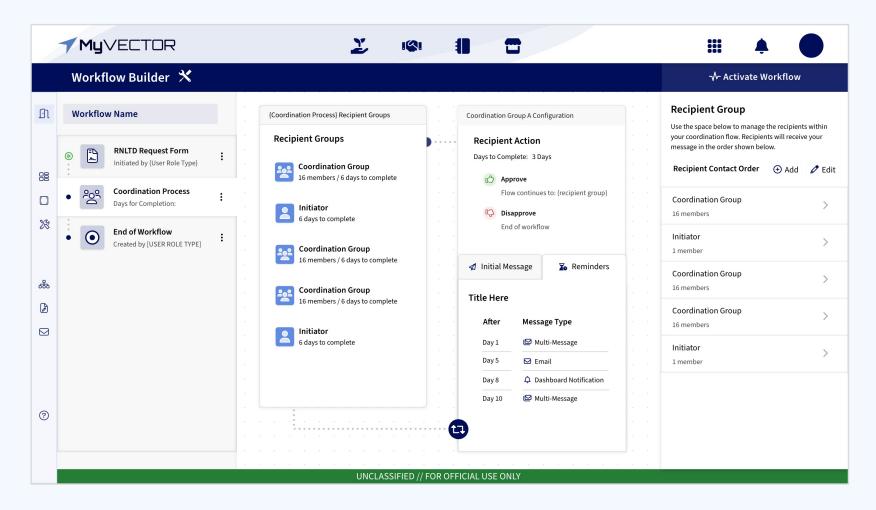
Define target populations

Specify workflow routing settings

Define workflow termination settings

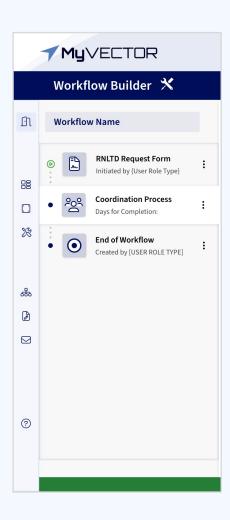


Workflow Builder: Full-view





Workflow Builder: MVP



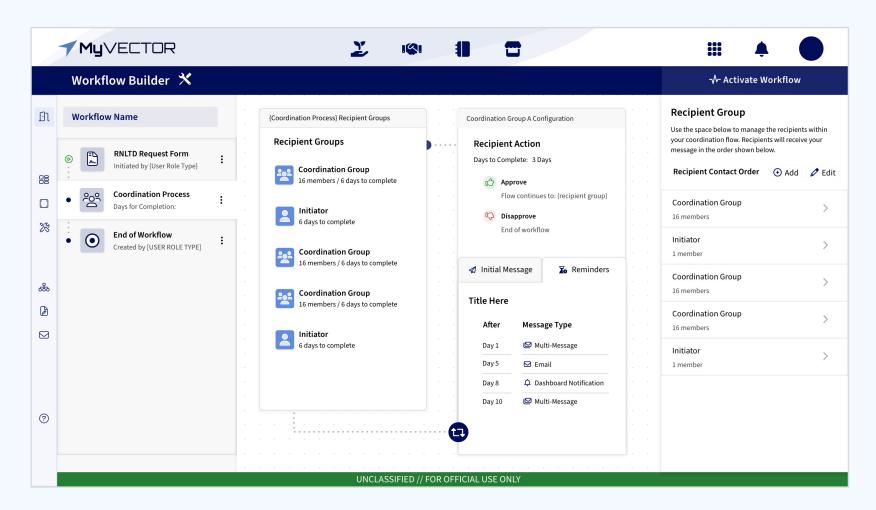
Initiating Action (Form)

Coordination (Requiring action)

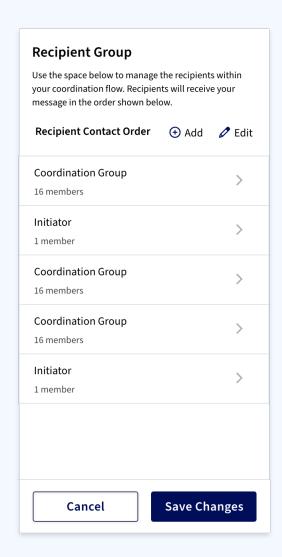
End of Workflow Action

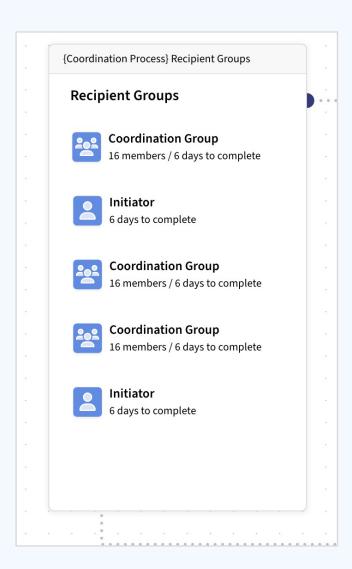


Workflow Builder: Full-view



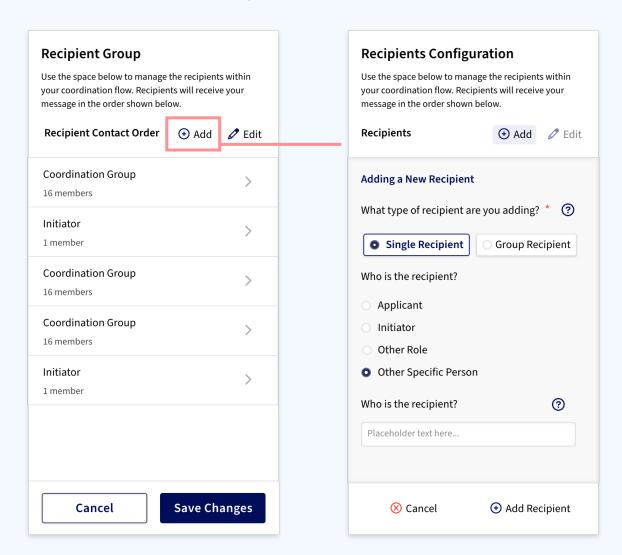




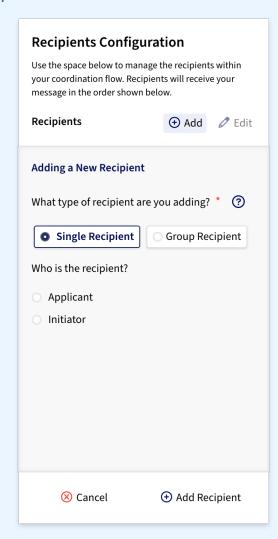




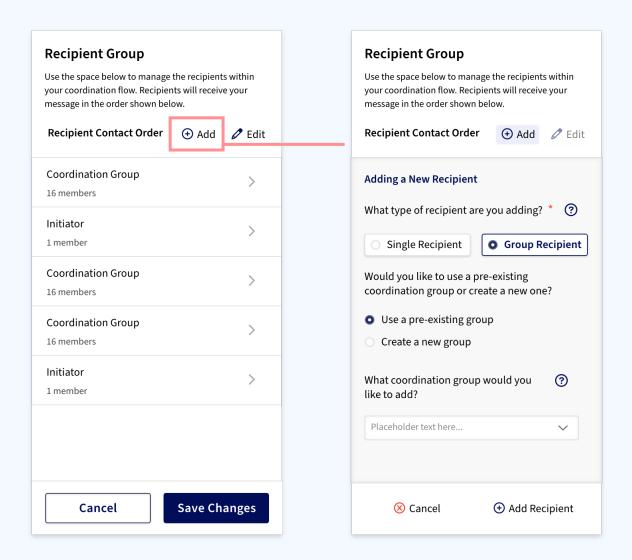
Add Recipients: Single Recipient

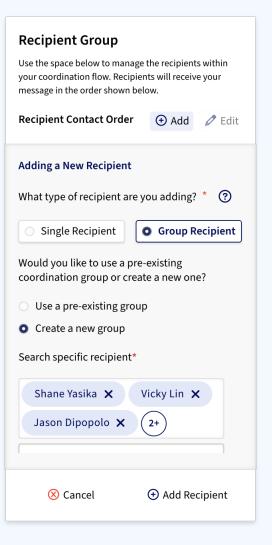


MVP



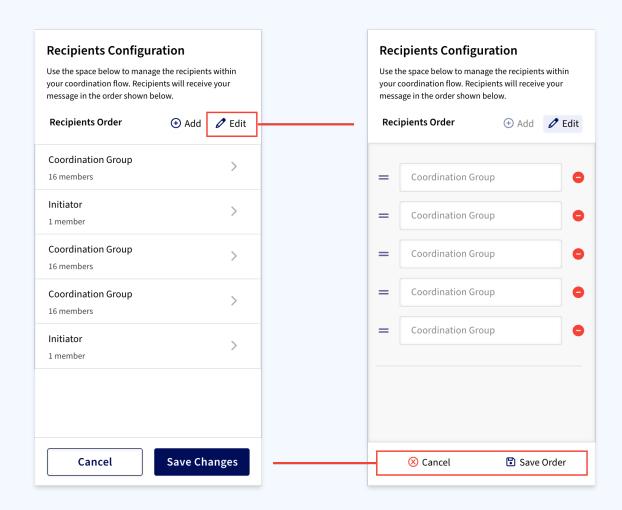
Add Recipients: Group Recipient





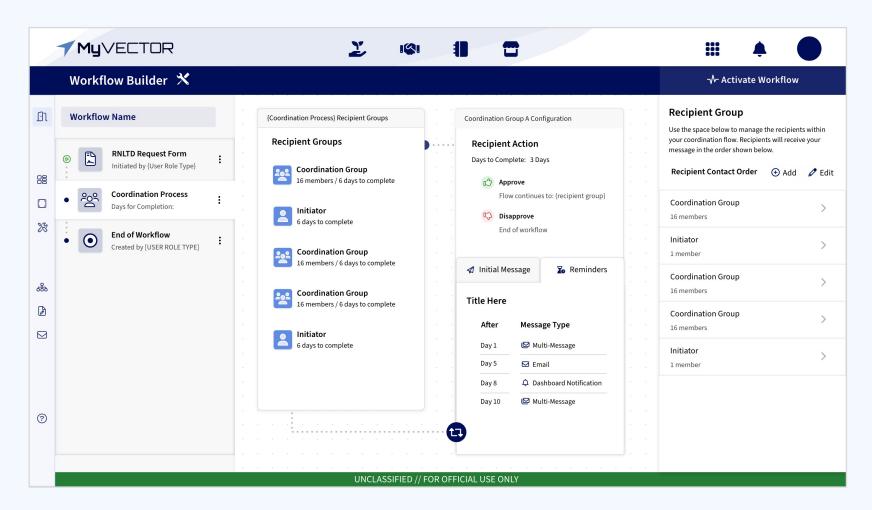


Edit Recipients: Edit Order



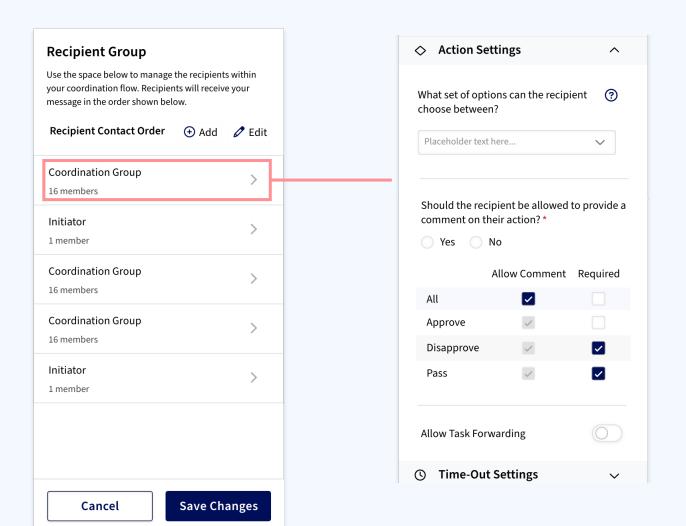


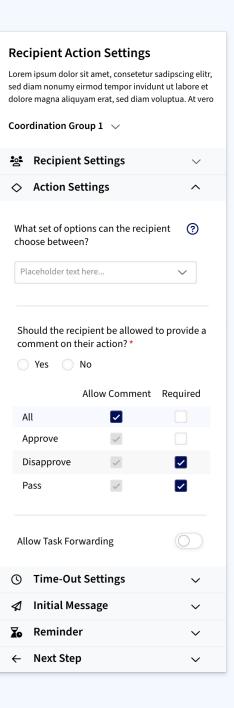
Workflow Builder: Full-view





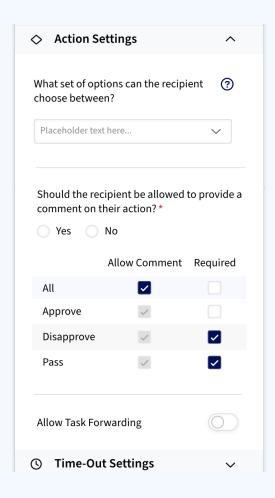
Configure Recipient Action Settings: Available Actions

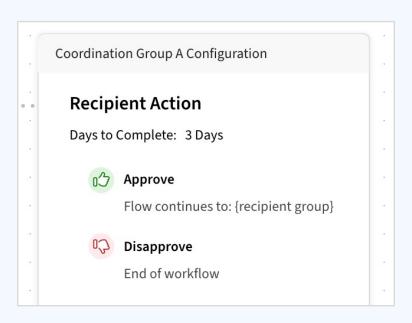






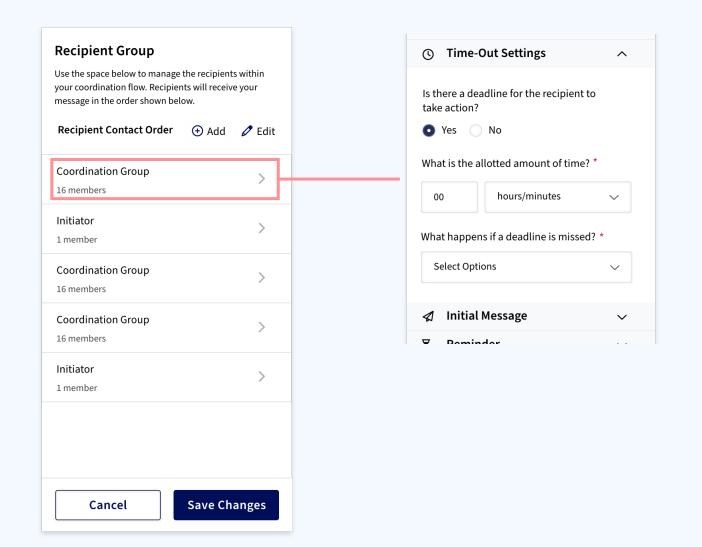
Configure Recipient Action Settings: Available Actions

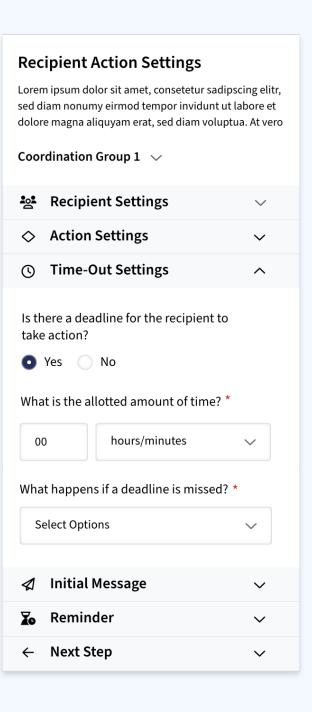






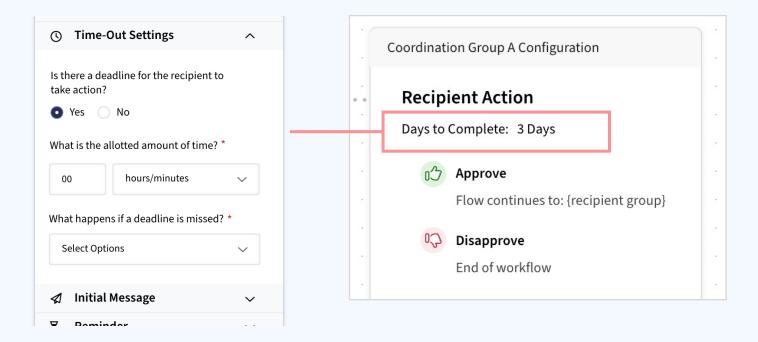
Configure Recipient Action Settings: Time-Out Settings



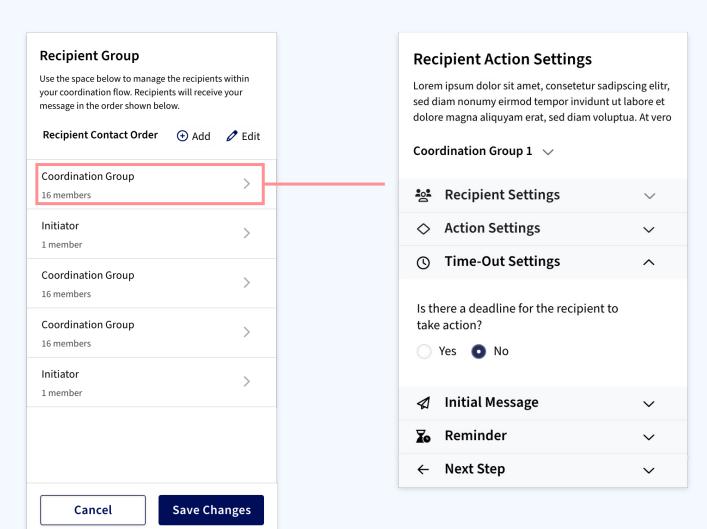




Configure Recipient Action Settings: Time-Out Settings

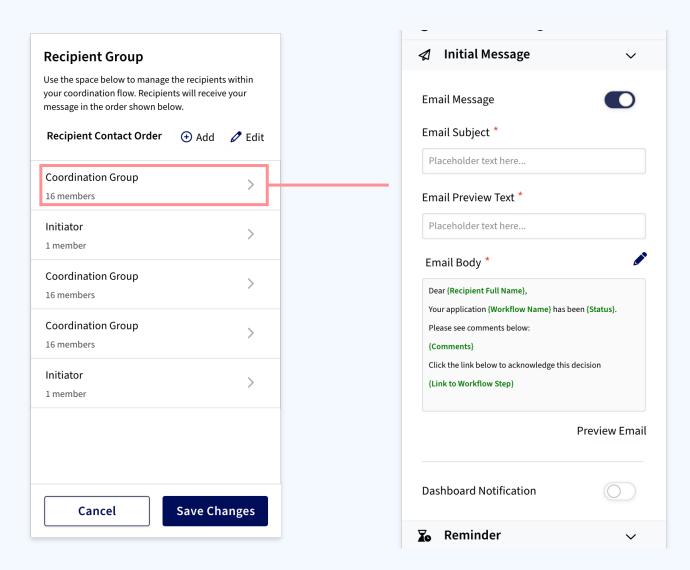


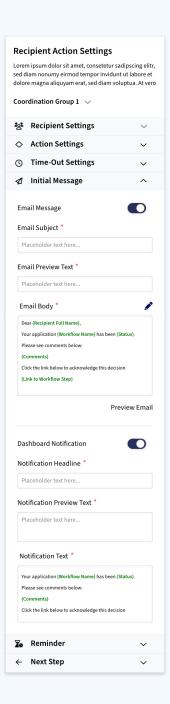
Configure Recipient Action Settings: Time-Out Settings (No Time Out)





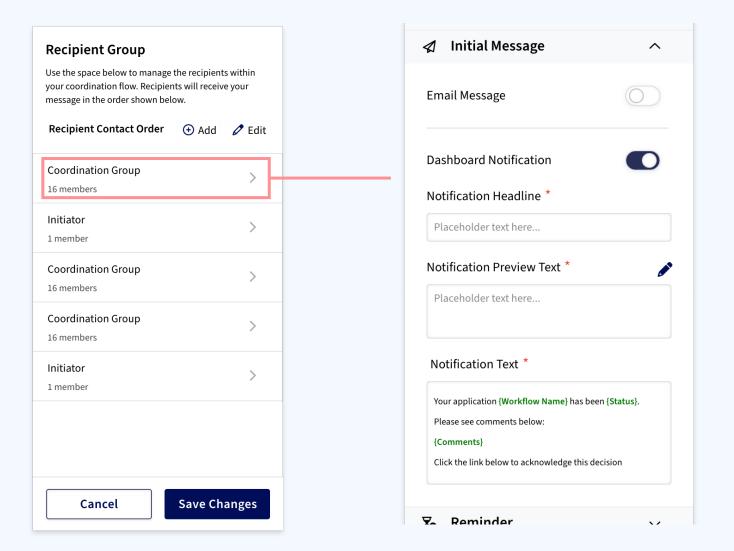
Configure Recipient Action Settings: Initial Message (Email)

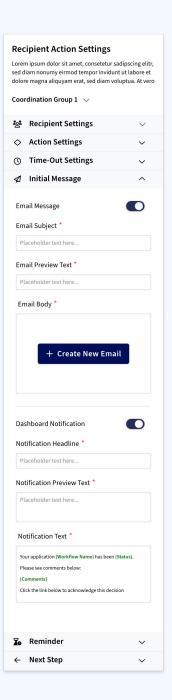






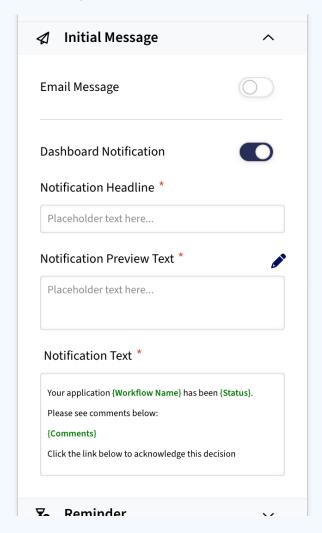
Configure Recipient Action Settings: Initial Message (Notification)

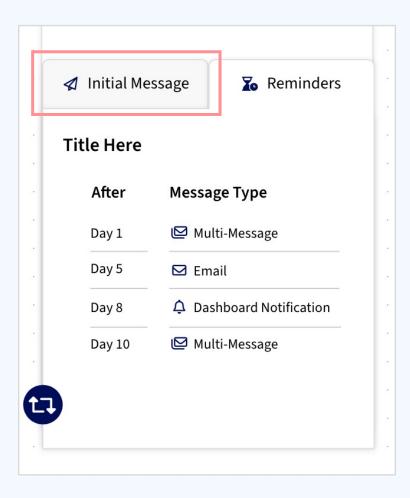






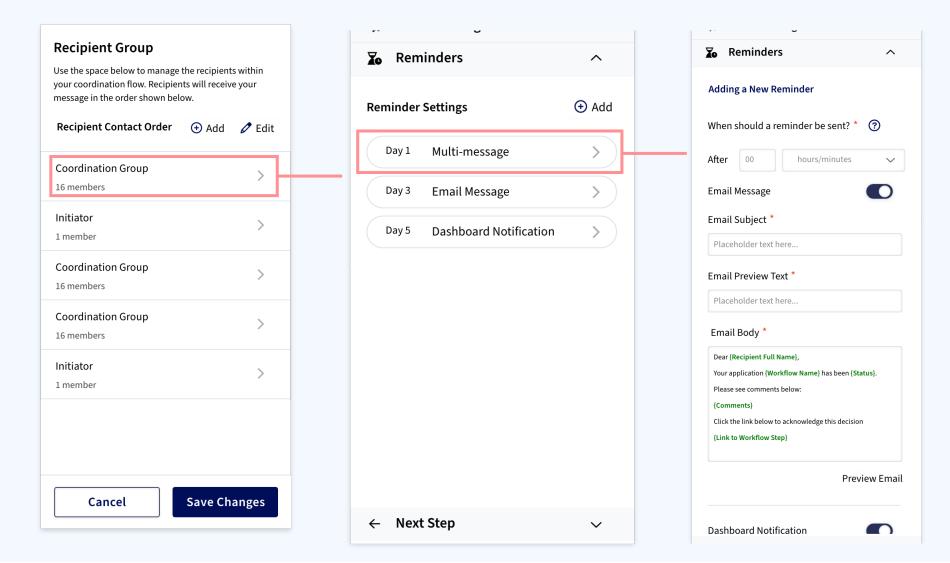
Configure Recipient Action Settings: Initial Message





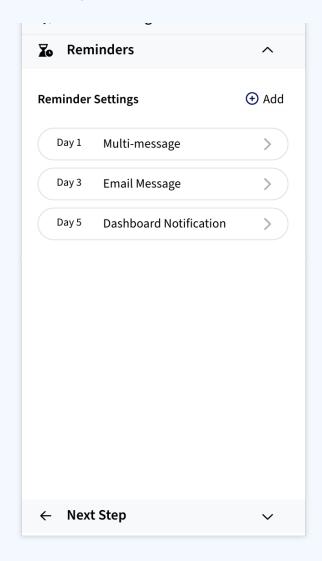


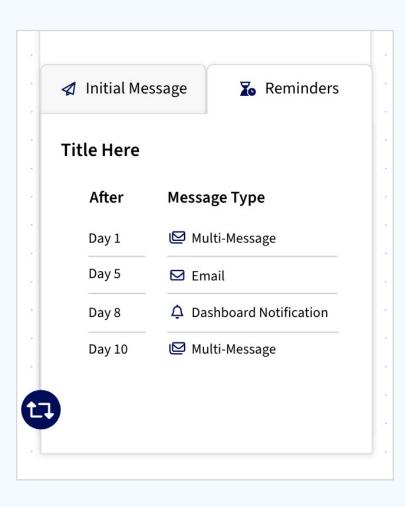
Configure Recipient Action Settings: Reminder





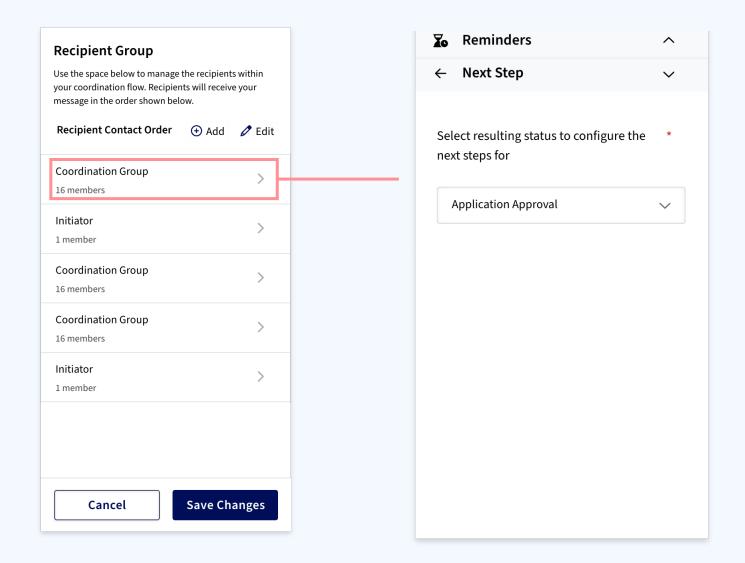
Configure Recipient Action Settings: Reminder







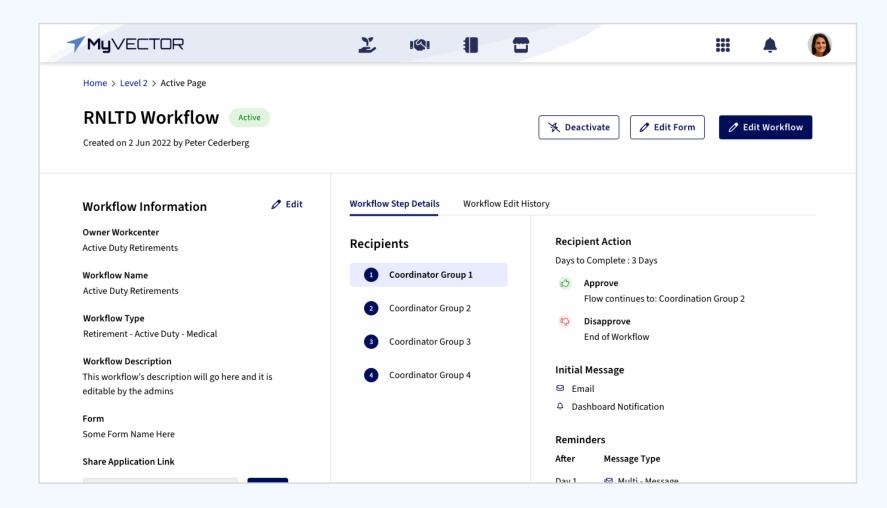
Configure Recipient Action Settings: Next Step



Recipient Action Settings Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero Coordination Group 1 🗸 Recipient Settings Action Settings \vee (Time-Out Settings \vee ✓ Initial Message \vee **Reminders** ^ ← Next Step ~ Select resulting status to configure the next steps for **Application Approval** \vee

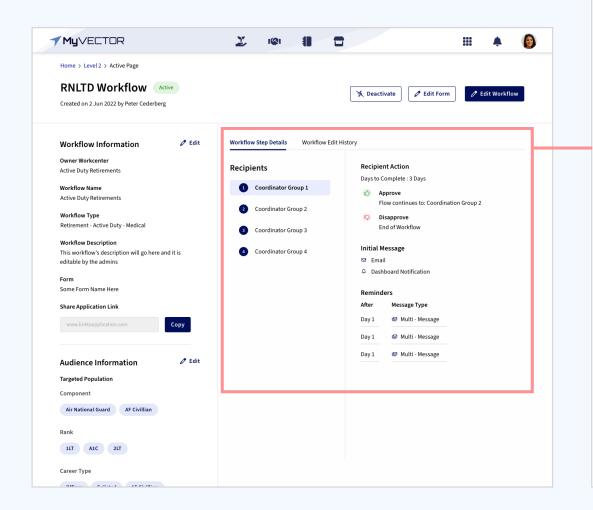


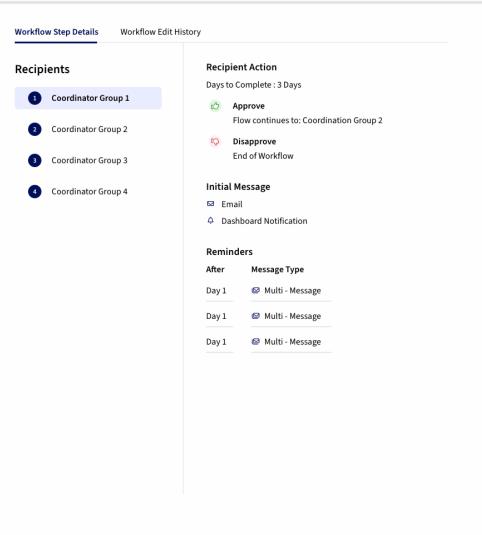
Workflow Details: Overview





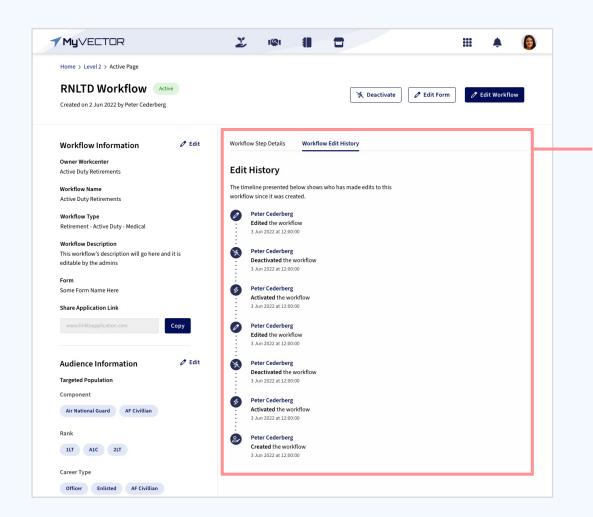
Workflow Overview: Workflow Step Details

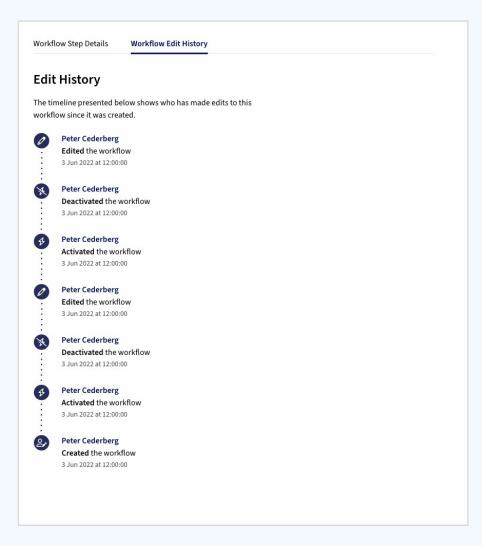






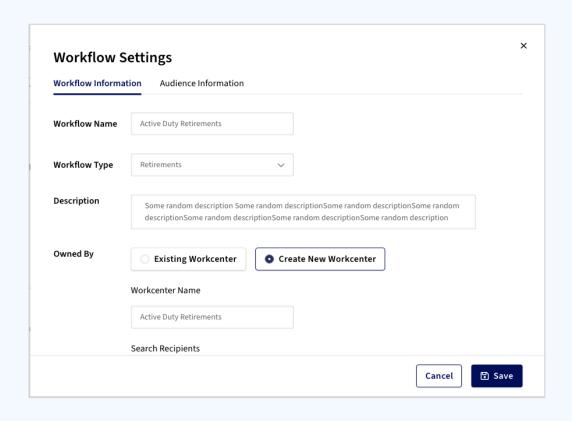
Workflow Overview: Workflow Edit History

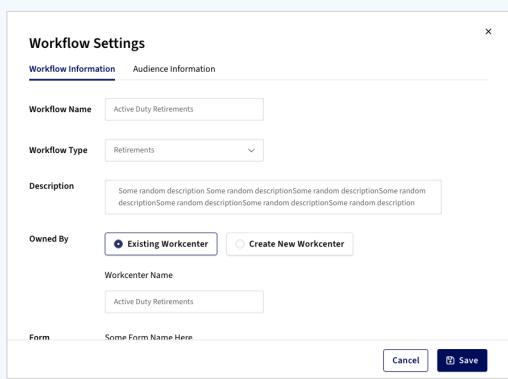






Workflow Settings: Workflow Information







Workflow Settings: Audience Information

