Semarchy xDM

Workflow Builder
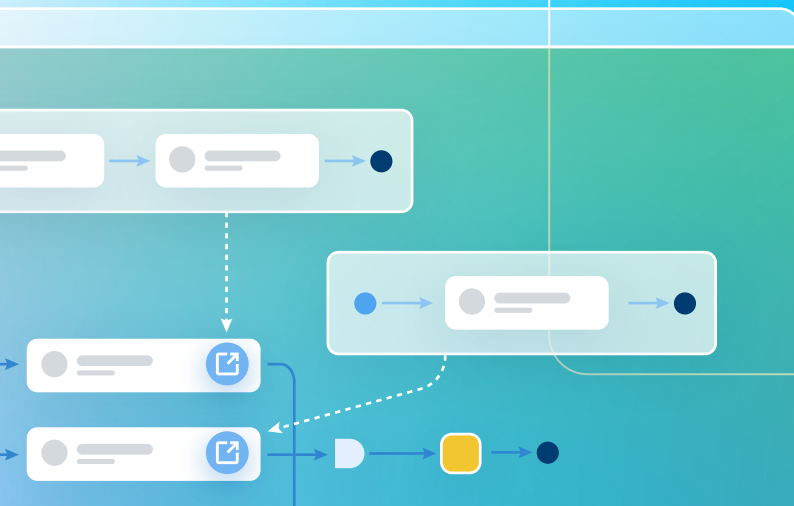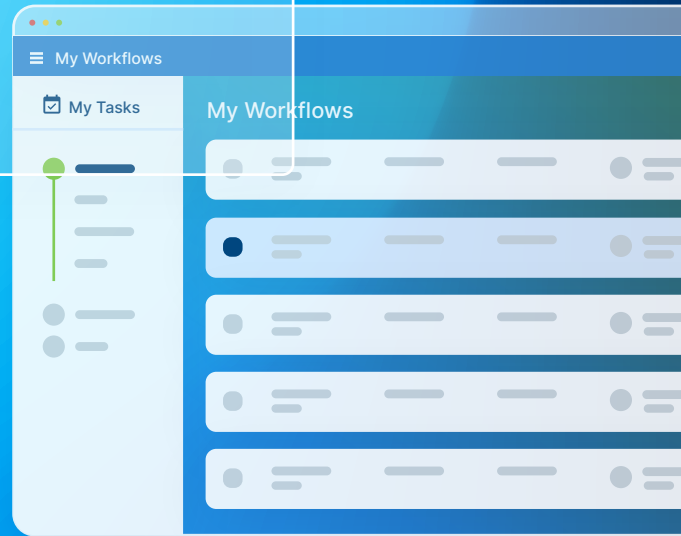
v2023.1.0

Create Product > Enter Product

ID

Name

Brand

Family

Sub Family

Description

Image

Create Product

My Workflows

My Tasks

My Workflows
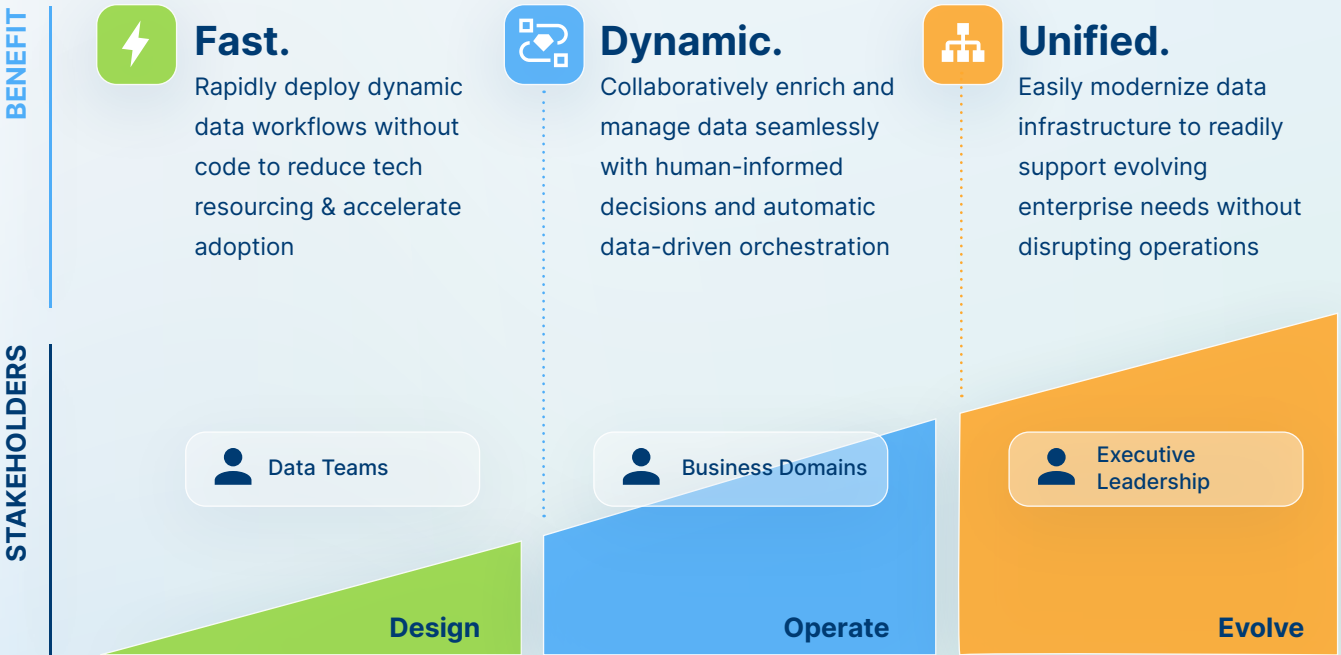
Routes (3)

US

Target Step

Name

Index

Label

Condition

Mexico

Introduction

With Semarchy's newest and most robust platform enhancement, users will access a new module called "Workflow Builder" within the xDM suite. Using Workflow Builder, designers can create rich, data-driven workflows that allow divergent paths depending on record data, user data, or workflow metadata. Additionally, a modernized business user interface provides richer "My Tasks" views, providing an enriched view of all the user's tasks and workflows in a single place. With these new capabilities, users can collaboratively design their future-first data foundation.

Rapid Time-to-Value for Workflow Stakeholders

BENEFIT

Fast.
Rapidly deploy dynamic data workflows without code to reduce tech resourcing & accelerate adoption

Dynamic.
Collaboratively enrich and manage data seamlessly with human-informed decisions and automatic data-driven orchestration

Unified.
Easily modernize data infrastructure to readily support evolving enterprise needs without disrupting operations

STAKEHOLDERS

Data Teams

Business Domains

Executive Leadership

Design

Operate

Evolve

Semarchy

Design Time (IT/Data Teams)

Data-Driven Workflows

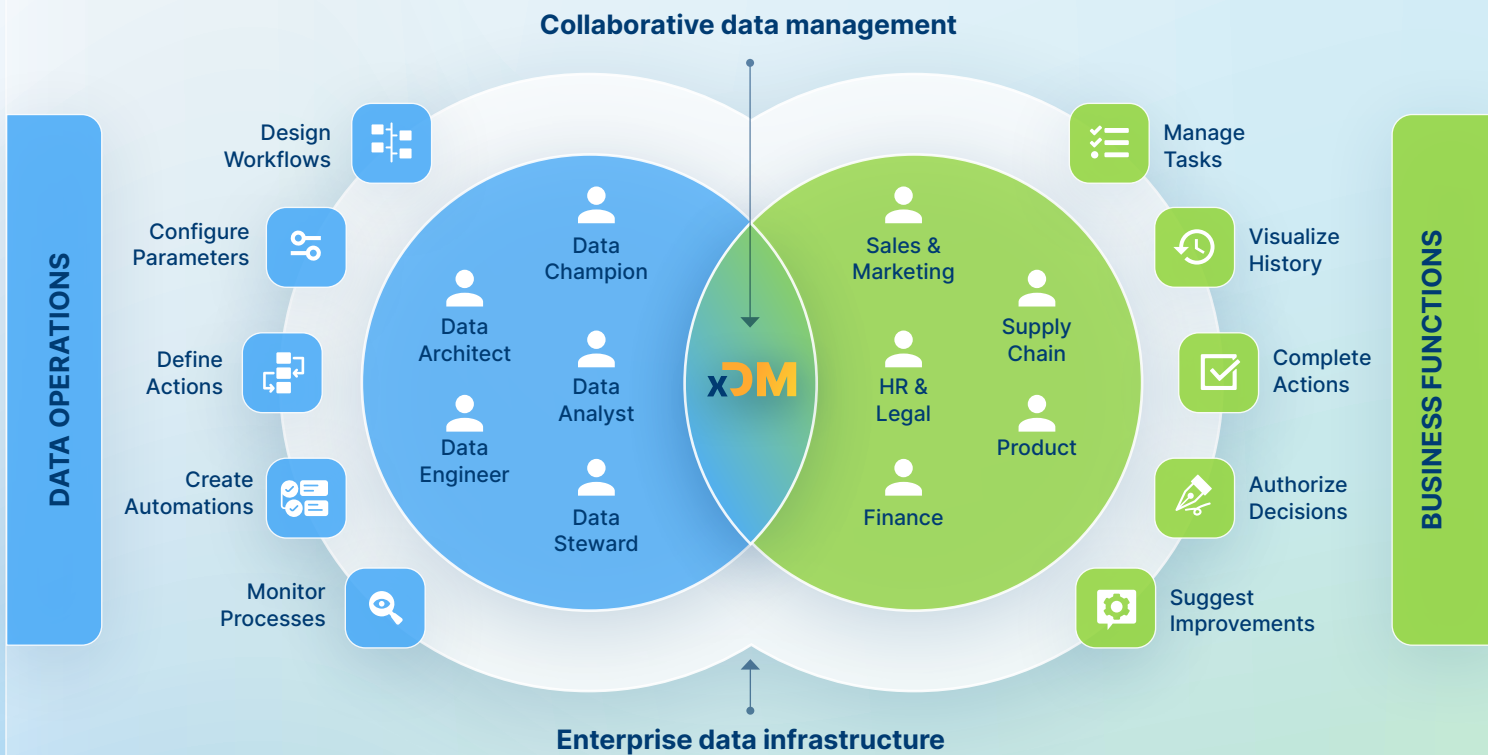|	
Workflow Builder	New interface in xDM to rapidly design, configure and deploy data workflows
Workflow Steps	Quickly add specific workflow steps with a single click using an intuitive GUI designer
Data-Driven Design	Deploy dynamic task routers, assignments, automations and functions using SemQL
Parallel Blocks	Create concurrent workflow activity paths that can be performed simultaneously
Timestamp Data Notifications	Filter data and create queries based on timestamps for data notification triggers
Type-Specific Record Retention	Administer data retention parameters depending on the record type in the data hub

Run Time (End-Users)

Intuitive, Modernized "My Tasks" Interface

Workflow Builder
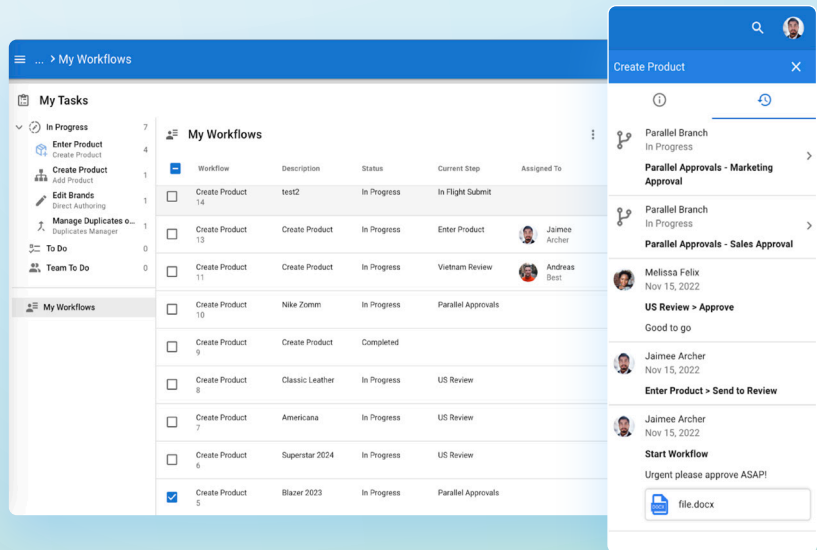
How does Semarchy enhance data management workflows?

By their very definition, workflows are a series of interconnected activities that dynamically orchestrate data between systems and users to produce high-quality golden records for business needs. Workflows are task chains to author, edit, and validate data records using the underlying metadata. Semarchy's Workflow Builder takes this to the next level with metadata-driven workflows to dynamically route, assign, and automate tasks sequentially or in parallel to efficiently manage data records.
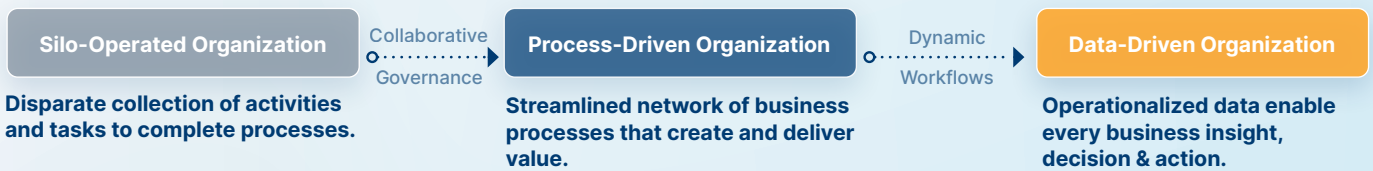
Less Work, More Flow For Your Organization

Collaborative data management

DATA OPERATIONS

- Design Workflows
- Configure Parameters
- Define Actions
- Create Automations
- Monitor Processes

Data Champion
Data Architect
Data Analyst
Data Engineer
Data Steward

xDM

Sales & Marketing
Supply Chain
HR & Legal
Product
Finance

BUSINESS FUNCTIONS

- Manage Tasks
- Visualize History
- Complete Actions
- Authorize Decisions
- Suggest Improvements
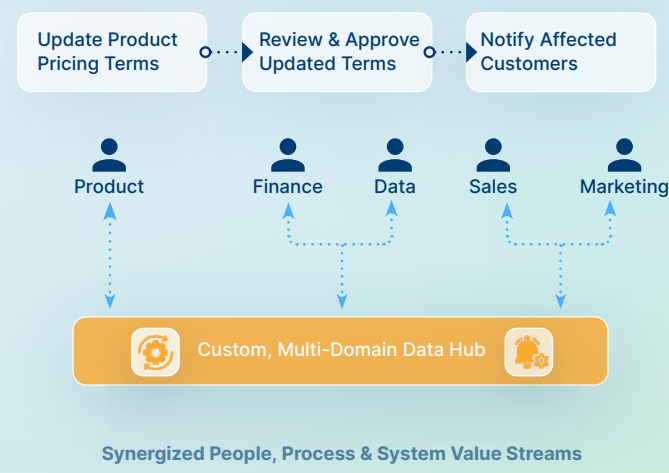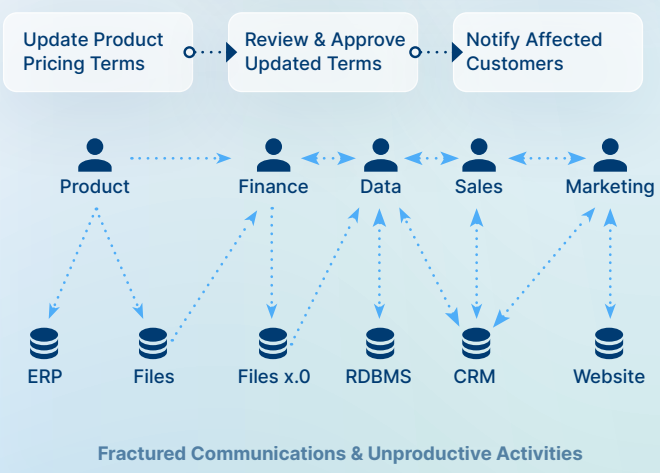
Enterprise data infrastructure

Put it into Practice

Data is at the center of everything an organization does. It impacts every decision, guides every strategy, and provides the foundation for a company to succeed. Semarchy has already been recognized as a leader in the Gartner® Magic Quadrant™ for Master Data Management Solutions, and Workflow Builder takes data management further. Data-driven workflows are more than just operational efficiency; they rapidly empower businesses and IT users to collaboratively design a future-first data foundation.

Workflows Evolve Organizational Value Delivery

Silo-Operated Organization	Collaborative Governance	Process-Driven Organization	Dynamic Workflows	Data-Driven Organization
Disparate collection of activities and tasks to complete processes.		Streamlined network of business processes that create and deliver value.		Operationalized data enable every business insight, decision & action.

MOST ORGANIZATIONS ARE STUCK HERE

SEMARCHY'S DATA-DRIVEN WORKFLOWS WILL GET YOU HERE

Update Product Pricing Terms → Review & Approve Updated Terms → Notify Affected Customers

Product — Finance — Data — Sales — Marketing

ERP   Files   Files x.0   RDBMS   CRM   Website

Fractured Communications & Unproductive Activities

Update Product Pricing Terms → Review & Approve Updated Terms → Notify Affected Customers

Product   Finance   Data   Sales   Marketing

Custom, Multi-Domain Data Hub

Synergized People, Process & System Value Streams

Rise of Data Platforms

xDM's data-driven workflows rapidly deliver business value and enhances data operability by dismantling silos and fostering cross-functional collaboration to build the enterprise data mesh.

Deliver First-Class Infrastructure Support

Businesses can design a modern, agile infrastructure to support ever-evolving needs while optimizing data storage, systems processing, and application connectivity.

Augmented Data Management Vision

Optimized data workflows establish a foundation for leveraging metadata-driven curation and orchestration, organizations can intelligently automate data governance, decision-making, and management.

The Impact of Workflow Builder

Organizations can expect an almost immediate impact on their data management practices. With Workflow Builder, you can:

- ✔ Rapidly deploy data-driven workflows without code or disrupting core business activities
- ✔ Experience near-immediate efficiency gains
- ✔ Realize direct cost savings
- ✔ Improved enterprise agility to scale and achieve strategic objectives

Organizational Benefits

Immediate Operational Productivity

Rapidly delivering business value and enhancing data operability is becoming increasingly crucial for businesses. To achieve this, organizations must take a holistic approach and dismantle silos, optimize processes, and foster cross-functional collaboration. Semarchy's data-driven workflows enable organizations to easily turn raw data into high-quality assets for business needs.

Resounding Financial Impact

Dynamic, precise data routing and automations help reduce operational costs, improve efficiency, and manage risks. Organizations can drastically lower development costs and labor-intensive data operations with no-code workflow design and automation while remaining completely compliant. Our new workflow builder reduces IT/Data teams resourcing to deploy data products with intuitive, business-driven UI that end-users can rapidly adopt.

Elevate Enterprise Agility

Organizations that successfully implement a synergistic collaboration across business units can reap numerous benefits. Companies can drastically improve visibility, opportunity identification, and decision making capabilities by optimizing workflows. This allows organizations to quickly and effectively adapt to changes in their environment and strategically achieve their shared objectives.

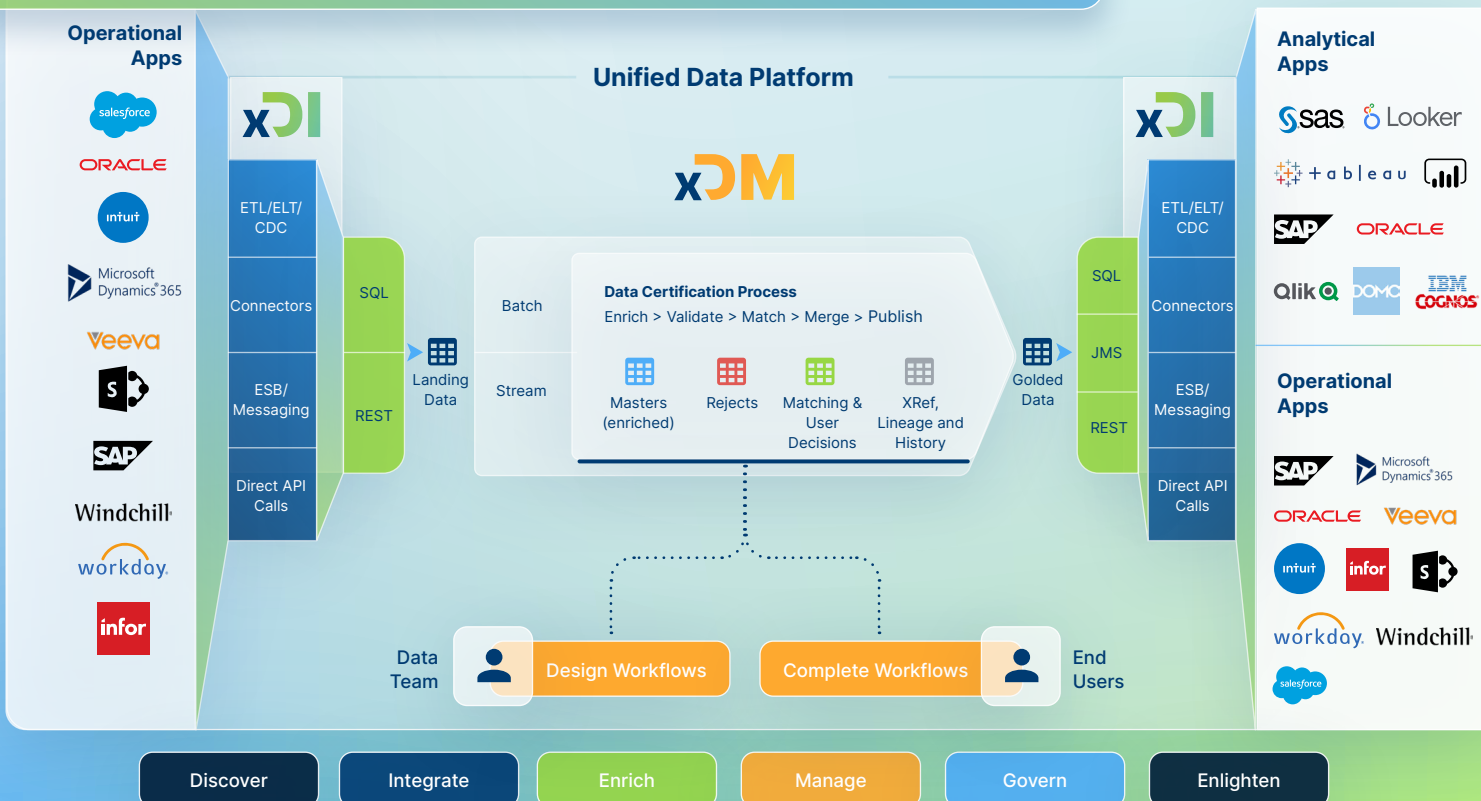# Semarchy Workflow Builder
Work Less. Flow More.

The ease of use is the main differentiating factor of Semarchy's Workflow Builder. The biggest struggle identified during product research was that users of other platforms had difficulty developing complex workflows due to high-code needs. Additionally, systems were difficult to engage in cross-collaboration due to the complexity of the interface. Advanced training would be needed across the organization to allow all teams access to the platform, slowing down productivity and grinding operations to a halt while associates were trained.

Semarchy's Workflow Builder solves all of these challenges and more. With an intuitive no-code platform, business & technical teams can easily collaborate and govern data in a single, unified platform - drastically enhancing the complete data management experience.

Semarchy's Workflow Builder is embedded within xDM's leading master data management platform for data discovery, integration, quality, governance, management, and analytics. The value proposition of our unified data platform vastly differs from competitor solutions that offer generic, inflexible template models for critical MDM capabilities that, in the end, don't fully support your business needs.

Our foundational principles of prioritizing rapid time-to-value and intuitive user experience does not change. The new workflow builder elevates the leading capabilities of Semarchy's unified data platform while unlocking new opportunities for modernizing your enterprise information architecture.

## Workflows Elevate the Unified Data Platform

Semarchy

Workflow Builder
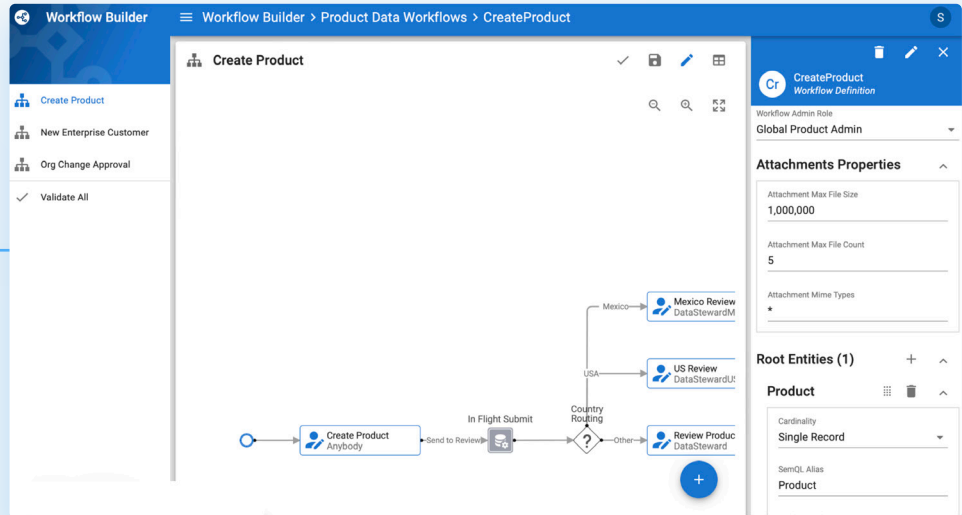
New graphic user interface (GUI) available on the xDM platform for rapidly building data workflows with no-code. Easily customize triggers, actions, steps, transitions and routing with guided parameter setting using forms.

Simplified building processes enables stronger collaboration between architects, designers, and business users to rapidly deploy complex workflows drastically reduces technical debt or overhead.
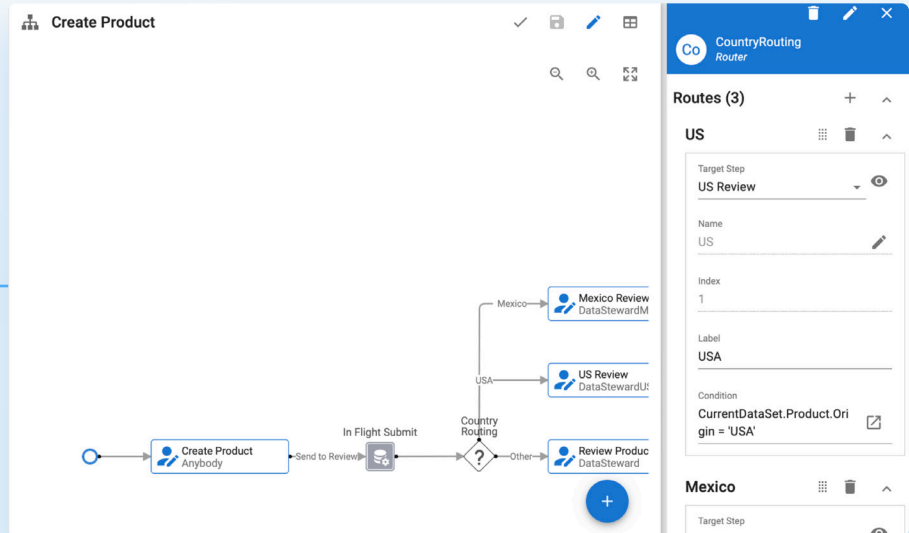

Workflow Steps
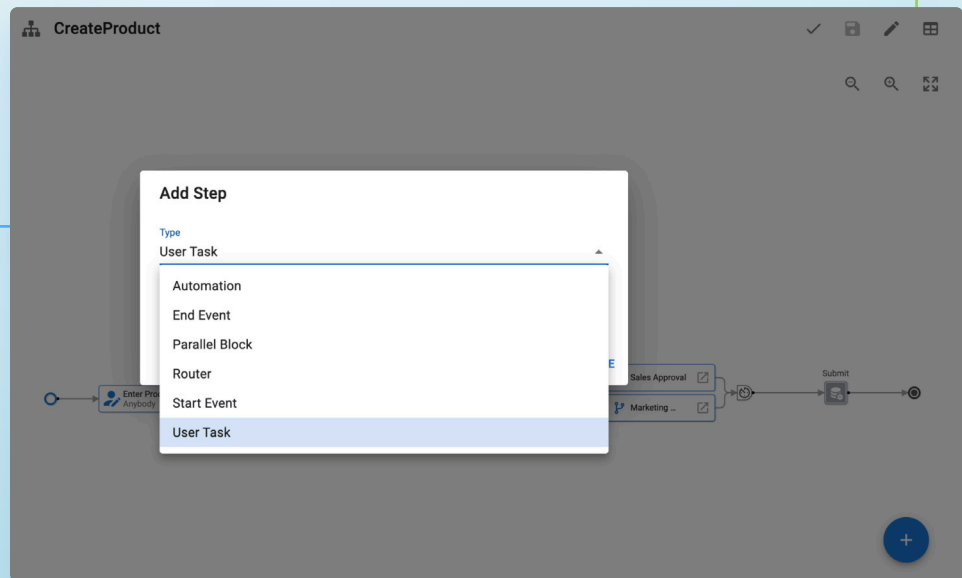
Quickly add specific workflow steps in the builder with a single click. Intuitively drag and drop using the GUI to visualize the workflow and easily modify the necessary steps or transition to support the specific business needs.

Workflow steps are the main drivers enabling data management initiatives to meet specific business needs. Each step provides a foundational action for designers and data stewards to collaborate across the organization, facilitating the creation of a data mesh.

Data-Driven Routing

WHAT

Numerous functionalities in workflows can be carried out dynamically. Therefore, steps with access to automation have a built-in SemQL editor, through which designers access Workflow metadata, functions, and variables.

BENEFIT

Orchestrating xDM workflows using underlying metadata provides designers with an augmented platform and greater capacity to handle increasing volumes and complexity of data. Leveraging metadata provides better flexibility to conform the business needs and data infrastructure to evolving organizational goals.


Parallel Blocks
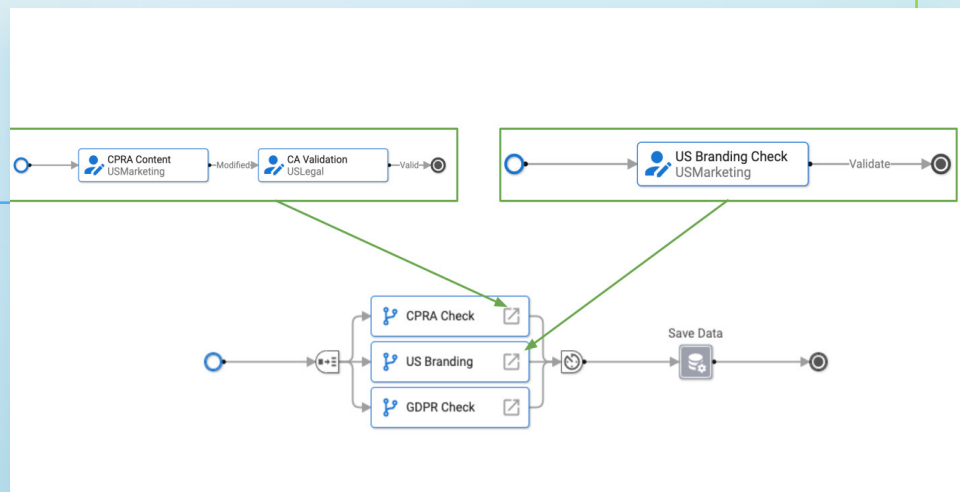
WHAT

Create concurrent workflows that can be performed simultaneously without depending on a previous task to complete. Parallel blocks may contain any combination of user tasks, routes and automations.

BENEFIT

Parallel workflows increase the efficiency of data management processes and reduce bottlenecks for complex records that involve multiple interactions from various business units or systems.

My Tasks
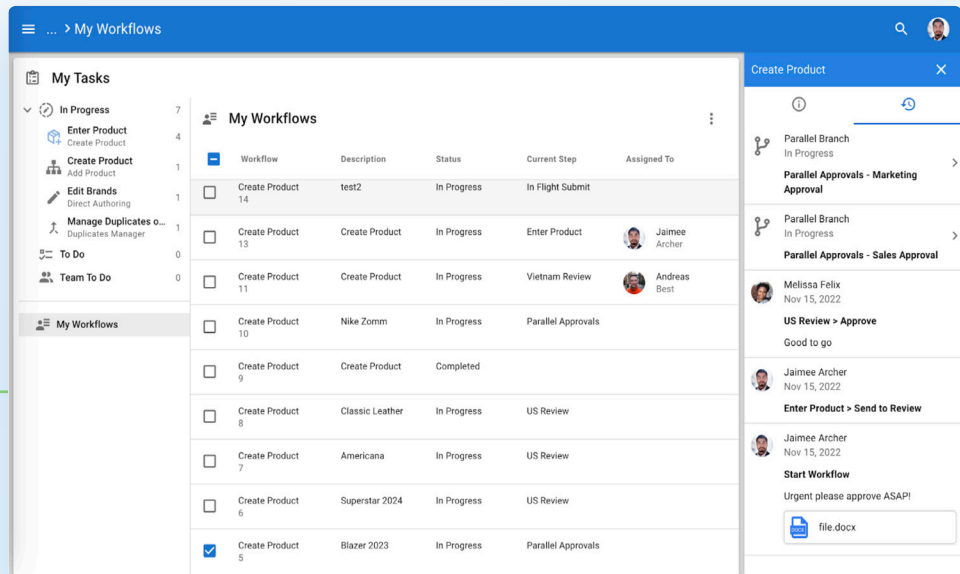
WHAT

My Tasks replaces the Inbox, bringing all the tasks assigned to the user in one easily accessible place. The modernized view provides a simple, intuitive grouping of all tasks in a hierarchical tree with rich views that show workflow details, user activity and history.

BENEFIT

Quickly access and understand all tasks assigned to the user in one spot, while easily tracking the data and metadata (such as status, current step and assignees) of workflows initiated by the user.

Semarchy's Workflow Builder is available to new and existing xDM users.

For more information on Workflow Builder and other leading features of Semarchy's unified data platform, please click here to contact a member of our team for a demo customized to your needs.

Free your data.

Start fast. Scale infinitely.
Govern & secure collaboratively.

Semarchy

www.semarchy.com

Resources   Contact us