



INTRODUCTIONS





Dr. Scott Hoover, PhD

- Solutions Consultant IE/PLM
- •10+ years at IMAGINiT
- Autodesk Certified Fusion 360 Manage Implementor
- Earned Doctorate in IE from the University of Louisville



Learning Objectives

- Discover how different customers were able to use Autodesk Fusion 360 Manage to manage outside-the-box workflows.
- Learn about the challenges, solutions, and outcomes these customers realized by implementing these business processes.
- Assess which nontypical workflows you may be able to manage within Autodesk Fusion 360 Manage.
- Determine how to calculate a return on investment to justify the addition of these types of workflows to their tenant.

Autodesk® Fusion 360 Manage

Autodesk® Fusion 360 Manage makes processes more efficient across your entire organization by providing a complete set of ready-to-use applications and templates



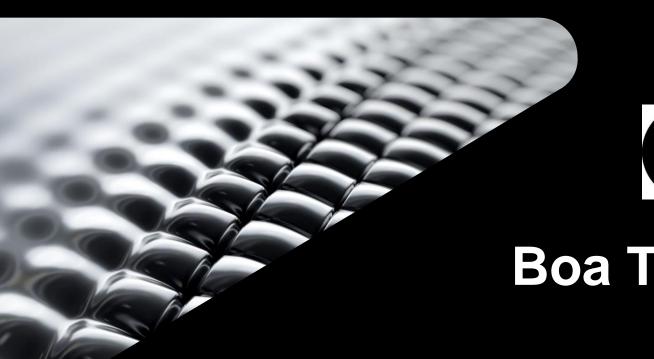
Modern **cloud platform** built for security, configurability and scale

- Interactive Workflow Engine
- Drag & Drop Form Builder
- Role-Based User Interface
- Granular Access Control
- Dashboards and Reporting

- Task and Deliverable Tracking
- Lifecycle Stage Management
- Version Control and History
- Fast Search
- Classification / Data Standardization

- Document / File Management
- Elastic eCommerce Scalability
- Open Integration API
- Collaboration / Contextual Messaging







Boa Technology

Molds

Color Samples

Fusion 360 Manage Scripts

Managing Molds

The Challenge:

Vendor knowing when a mold needed to be scrapped and when new molds needed to be created

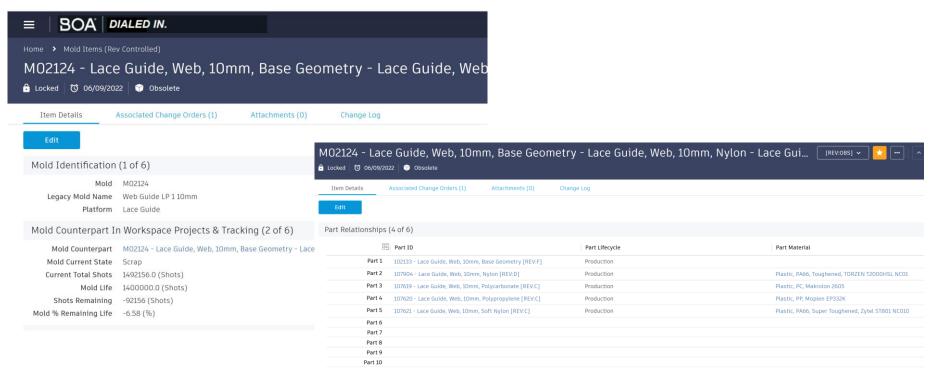
The Solution:

2 Workspaces used to manage production molds:

- Mold Items (Revision Controlled WS)
 - Establishes all physical parameters of the mold
 - Relates the mold to the parts that it forms in the Parts & Assemblies WS
- Molds Project & Tracking (Basic Workspace with Workflow)
 - 1-to-1 relationship with Mold Item
 - Record created once Mold Item is released to In Design
 - Tracks mold lifecycle from Purchase Order release, construction & testing, until it is Production Certified
 - Captures daily Shot Counts of the mold via Grid Tab

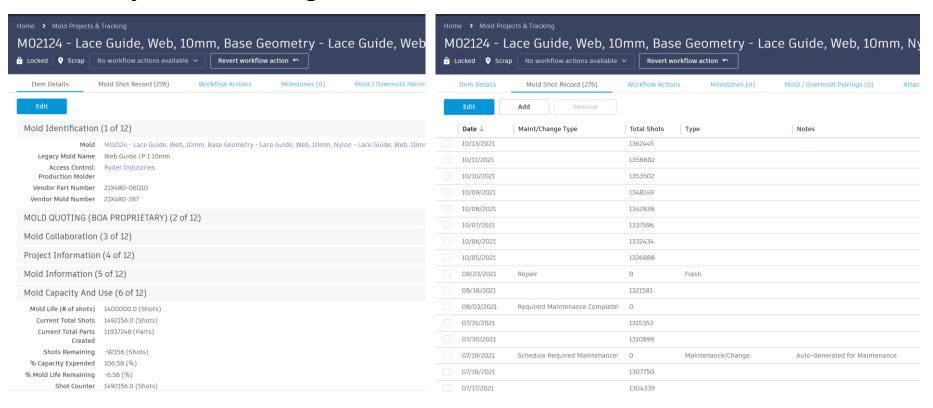
Managing Molds

Mold Items (Rev Controlled)



Managing Molds

Molds Projects and Tracking





Color Samples

The Challenge:

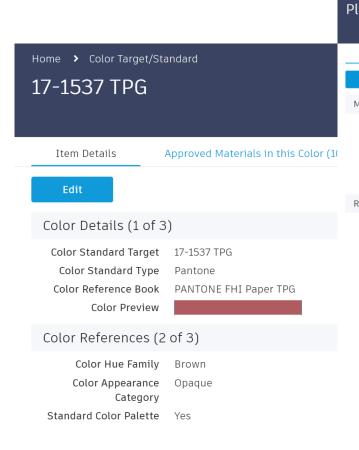
The Boa team needed a new way to manage approved combinations of materials and colors

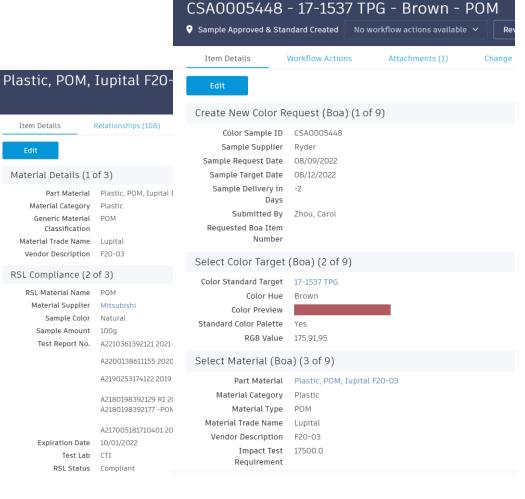
The Solution:

3 workspaces used to manage Color Samples

- Color Samples (Basic Workspace with Workflow)
 - Derives data from the Color Target and Material workspaces
 - Record is a unique combination of the 2 selections
- Color Target (Basic Workspace)
 - Contains the metadata associated to the different colors
 - Captures RGB values to be able to show a color preview
- Materials (Basic Workspace)
 - · Contains the metadata associated to the different materials

Color Samples





Fusion 360 Manage JavaScript Code

The Challenge:

 As Boa Technologies continued to grow Fusion Manage, it become difficult for the Admin to keep up with changes being made to different JavaScript code for different workspaces.

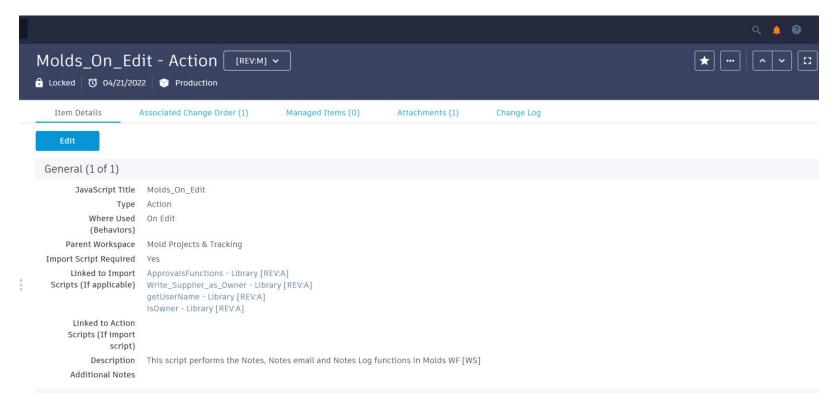
The Solution:

A revision-controlled workspace that manages each script that has been created in the system.

Attached a .js file to the record on the attachments tab

Utilize the existing Change Order workspace to rev the script any time a change is made

Fusion 360 Manage JavaScript Code



Boa's Outcomes

- Managing Molds
 - Proactive vs. Reactive
 - Reduce waste
- Color Samples
 - Eliminate software
- JavaScript Code
 - Revision Tracking



Test Requests

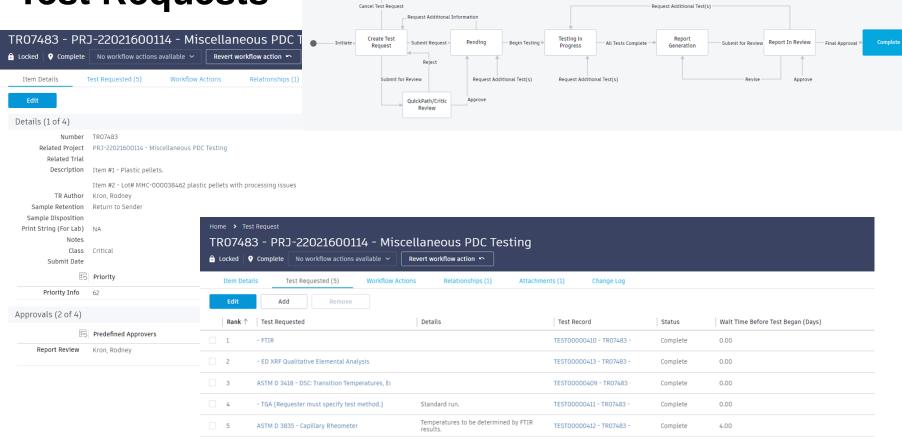
The Challenge:

- Superior Essex's previous system for Test Requests and tracking the Tests was an antiquated system that no one within the organization knew how to update
- Were not able keep up with changes to business
- Uploaded documentation tended to get corrupted
- Were not able to report on any KPIs

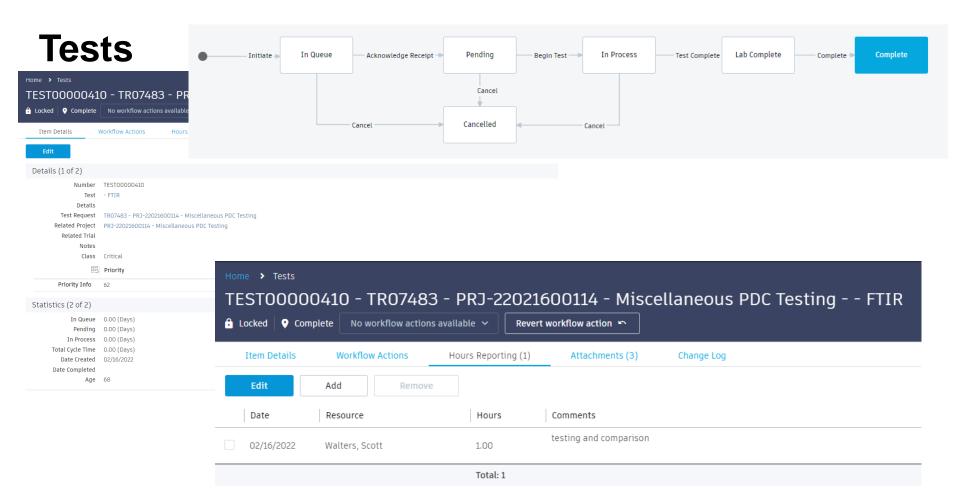
The Solution:

- 2 Separate workspaces were created
 - Test Request
 - Tests

Test Requests



Cancel



Superior Essex's Outcomes

Easy to Update

Fear of lost data

Continuous Improvement



Travel Request & Passport, Stamps, & Visa

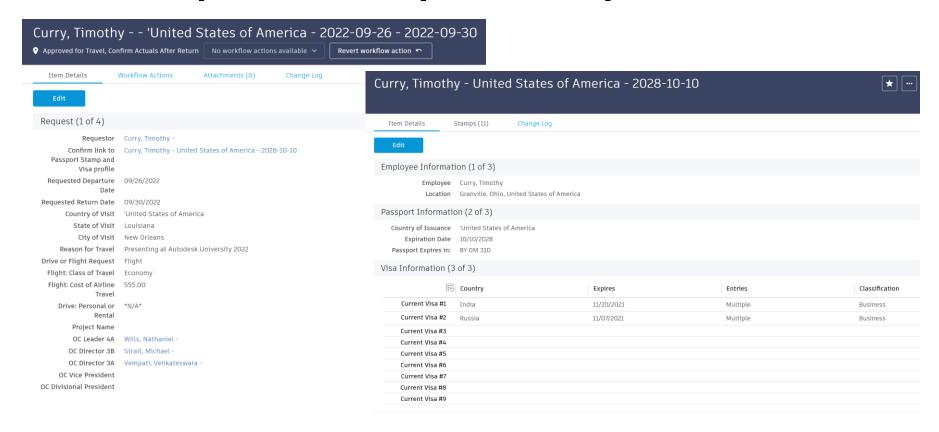
The Challenge:

- Due to project requirements, many OC resources are required to travel both domestically and internationally
- Needed a process to track request for travel
- Also needed a way to track travel visas to ensure resources are not spending too much time in a single country

The Solution:

- 3 Separate workspaces were created
 - Travel Request
 - Passport, Stamps, & Visa
 - Passport Request and Renewal

Travel Request & Passport, Stamps, & Visa



Time Sheets

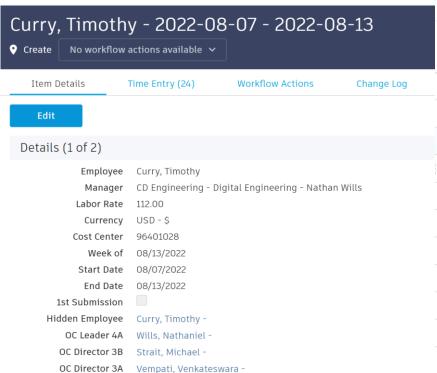
The Challenge:

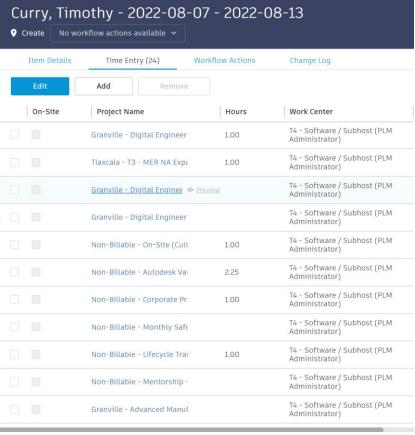
 The Owens Corning team needed a way to capture the amount of effort of resources being used on Capital Projects

The Solution:

- 1 workspace was created
 - Utilizes the Grid Tab to capture time entries for specific projects

Time Sheets





MFG501232 - The Office Space: Utilizing "Other" Areas of Your PLM System

- Learning Objective 1: Learn how to view and manage the inner connectivity of workspaces.
- Learning Objective 2: Learn how to run reports developed to aid other departments in their requests for information.
- Learning Objective 3: Start thinking about which areas can be built for your company to use.
- Learning Objective 4: Learn about creating additional workspaces for ease of office management.

Tomorrow – 1:30 PM



Timothy Curry

PLM Systems Lead, Owens Corning





Vault Access

Sample blank slide — subtitle (sentence case)

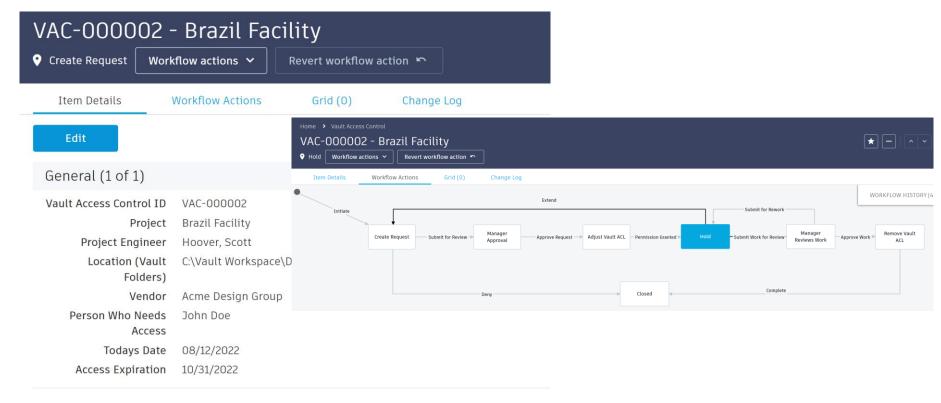
The Challenge:

For certain projects, the Customer utilizes outside contractors to work on CAD models. This requires the customer to give the contractors access to their Vault. There was difficulty keeping up with who had access to the Vault and when their access should be removed.

The Solution:

- 1 workspace was created
 - This workspaces has a countdown field that updates daily. Once it reaches 0, the workflow is automatically moved, and a notification is sent to an individual to remind them to go into Vault and remove the users access unless an extension is needed.

Vault Access



Record Retention

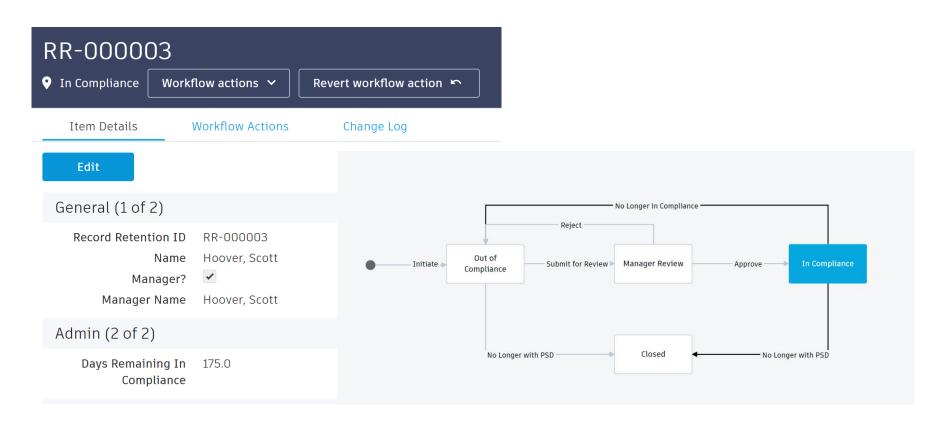
The Challenge:

The customers corporate policy requires that employees on a yearly basis remove any IP documents from their computers. They used to manage this process in a sharepoint workflow that had an IT incident.

The Solution:

- 1 workspace was created
 - This workspaces has a countdown field that updates daily. Once it reaches 0, the workflow is automatically moved, and notifications are sent to each employee to notify them that they need to perform this task.

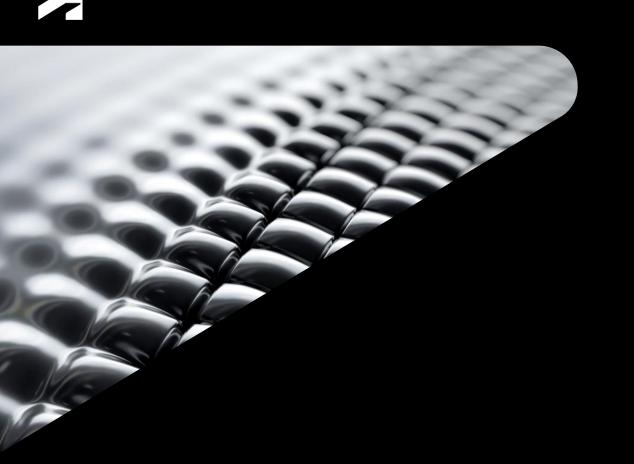
Record Retention



Outcomes

Managed a business process that could be used by anyone within the organization

 Allowing Users to get into the system before the organization begins utilizing the system for more complex workflows



Shutterfly

Request for Quote (RFQ)

RFQ

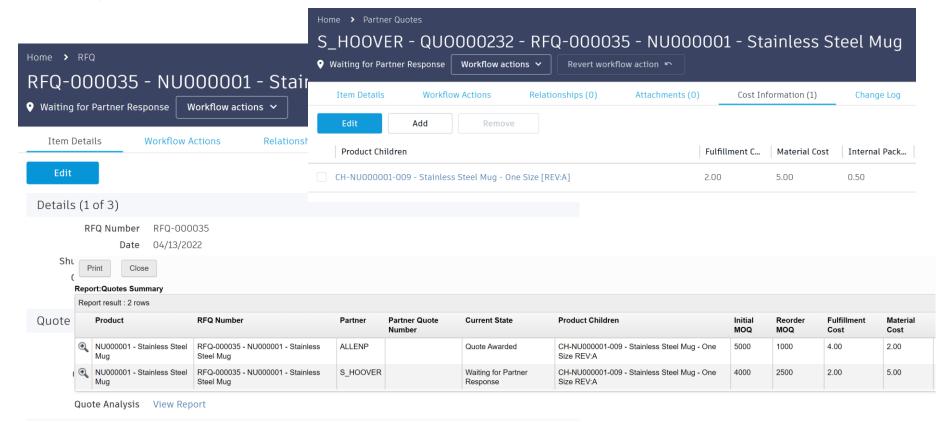
The Challenge:

- Shutterfly's previous tools for sending out Requests for Quote was a time consuming, manual process
 - Required gathering data from multiple Google Sheets
 - Required drafting individual emails to each partner they wanted to submit the quote to

The Solution:

- 2 Separate workspaces were created
 - RFQ Workspace
 - Partner Quote Workspace

RFQ



Outcomes

Brought all information into one location to manage the RFQ process

 Reduced the effort required to pull all the information together to not only send out the RFQ, but to review and compare the Quote from the Partners

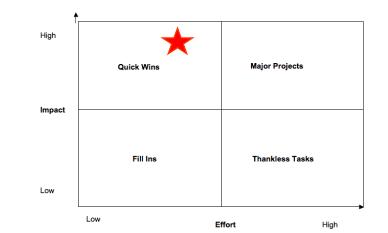


Other Business Areas to Consider

- Office procedures
 - Employee Training
 - On Boarding New Hires
- Other Business Workflows
 - Proposal/Contract Workflows
 - Inspections
 - Artwork/Packaging

Quick Wins

- A process in the system that can be used quickly
 - Retain Stakeholder interest early
- Low Configuration
 - Simple to build and use
- Global Process
 - If you start with 10 licenses, ensure all 10 users can participate





Return on Investment

- Understand the amount of time and effort required for the current process
 - Throughput
 - Cycle Time
 - Bottlenecks?

Implement statistic tracking within the workspace to track Key Performance Indicators

Proactive vs Reactive



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