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ENGAGE

Discover Advanced Automations Using Bridge

Elevate your solutions with Bridge by Smartsheet





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Session Speakers

Who are we anyways?



Chad EiringManager, Technical Account
Management













Josh JonesSr. Solutions Engineer











Learning Objectives and Agenda

You should leave here feeling confident about...

- Overview of what Bridge is
 What is it and when to apply it in your solutions
- 2 Feel confident getting started
 Review the components and process of building a workflow
- **3** Expand your imagination
 See an example of a common solution that brings in more complexity



First things first

Let's get acquainted





Overview of Bridge

What is it and how does it work

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What is Bridge?

Bridge is a drag-and-drop workflow builder that uses <u>process-driven thinking</u> and an understanding of coding <u>concepts</u> to design flexible process automation.

What Bridge is NOT?

Bridge is <u>NOT</u> a catch-all integration tool





What can you use Bridge for

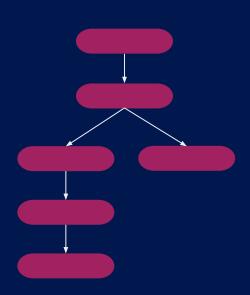
Bridge allows you to build triggered workflows to automate repeatable, condition-based processes.

Event or schedule based triggers

Use conditional logic and junctions for additional flexibility

With Bridge you can:

- Respond to changes in your data to trigger your process
- Gather and aggregate data
- Analyze / transform specific pieces of data based on conditions you define
- Take actions in Smartsheet, Resource Management, and more
- Eliminate manual, tedious, and time consuming manual steps in your process as your business grows



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But what about Automation Workflows?

Use automation to apply custom logic to your solutions



Automated workflows

Sheet-level processes

Collaborate

- Notify
- Request changes

Conduct work

- Change data
- Change configurations
- Drive in sheet processes



Bridge

Smartsheet-level processes

Sheet

- Customize
- Expand

Solution

- Coordinate actions
- Define logic
- Kick off complementary processes
- Manage environment and administration
- Pairs well with advanced capabilities



Core building blocks

Bridge Workflow Structure

Triggers

Define when your workflows will run

You can respond to changes or set schedules for your process. There are several types of triggers:

- Smartsheet (e.g.
 Smartsheet, Resource
 Management, etc.)
- **Schedule** (e.g. hourly, daily, etc.)
- Parent (e.g. Parent / Child workflows)

Modules

Get information, take actions, or analyze data

Modules, and how you structure them in the workflow, are where Bridge gets its flexibility.

You can put modules in whatever order and structure is needed to optimize your process.

They serve a variety of purposes from fetching data to running Javascript code.

Conditions

Use junctions to automate condition-based actions

Junctions are a special type of module that can be placed almost anywhere in your workflow and allow you to define conditions.

Conditional Junctions allow you to analyze the data in your workflow so you can follow different paths depending on the output.



Bridge Advanced Topics

Workspaces. Integrations and Child Workflows

Workspaces

Hold a set of related Workflows

- Each workspace has its own set of integration authentication
- Each workspace has its own set of Javascripts
- Each workspace has its own set of of API base URLs
- Workflows within the same workspace can be called as child workflows

Integrations

Allow you to use pre-built API wrappers for RM and Smartsheet

- Authenticate (or log into)
 each integration with the
 user that you wish to run
 as
- A lot of the API has pre-built modules that make your life easier
- Some API endpoints do not have wrappers and can be called with the Make API call module

Child Workflows

Allow you to run a sub-workflow from a parent

- Can use an array as the number of runs to have the child workflow run once per element of the array
- Single run workflows (number of runs empty) can pass back data to the parent workflow



2

Use case walkthrough

Pushing project data from Smartsheet to Resource Management

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Pushing Project Data from Smartsheet to RM

- A common scenario that users face is that when using Smartsheet Control Center with the Resource Management by Smartsheet integration, project data is only sent to RM when the project is provisioned, but is not kept up to date after this.
- Project has to be manually updated in RM



Setting the Stage

- Smartsheet Control Center utilizes profile data that
 - Starts on an intake sheet
 - Is linked or copied into a sheet within a folder during provisioning
 - Is linked out to a summary sheet
- When Smartsheet Control Center is setup to integrate with RM by Smartsheet, the intake data is used to create the project in RM and will use the project name, description, start date, and end date that are on Intake

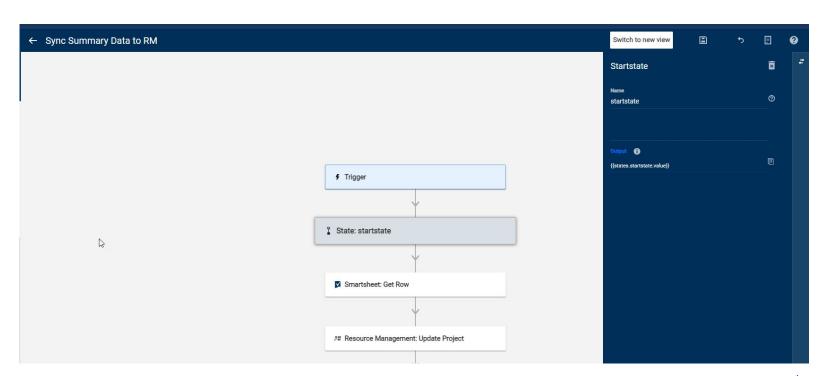
Project Description, Project Start and Project End Dates can change, and RM not updated

Bridge Can Help!



Two Step Workflow!

- Get Row
- Update Project





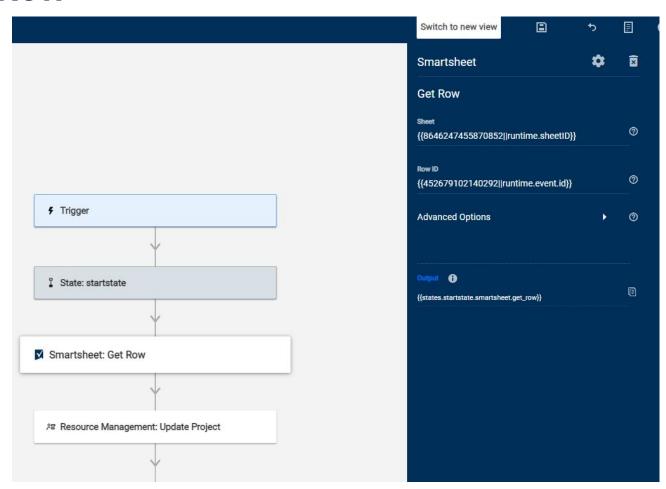
Let's build a workflow!

Demonstration



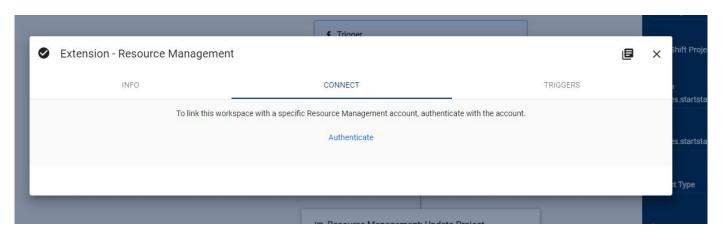


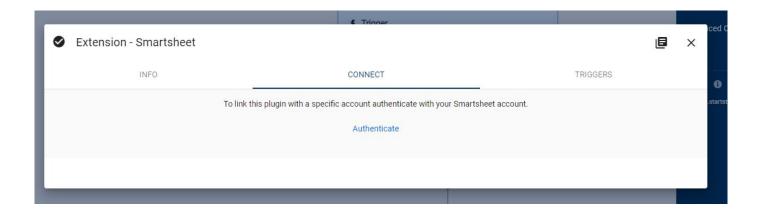
Get Row





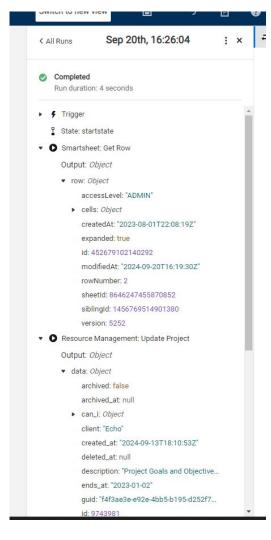
Integration Authentication





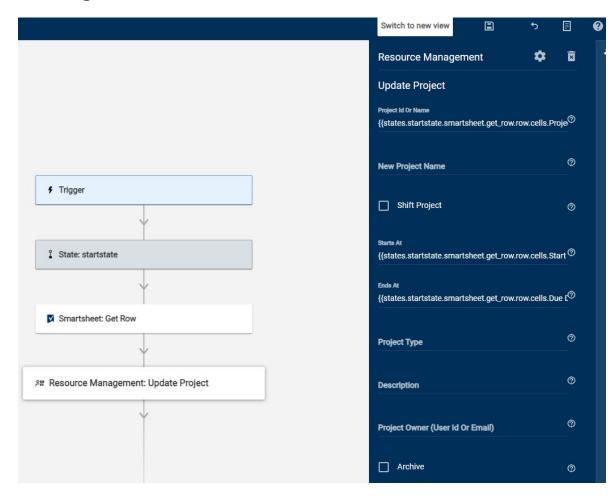


Run Log



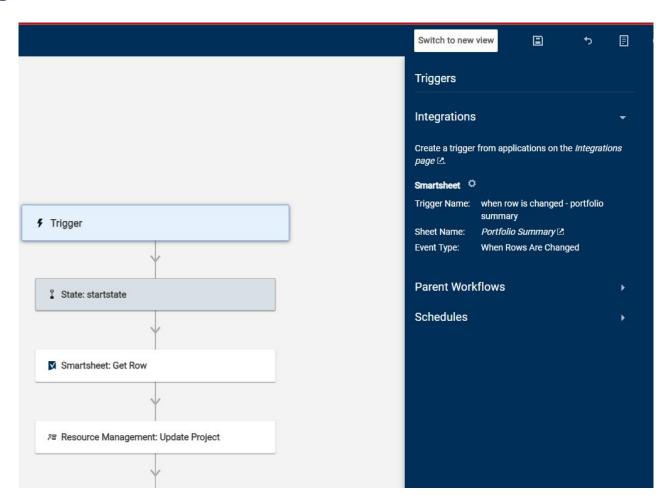


Update Project



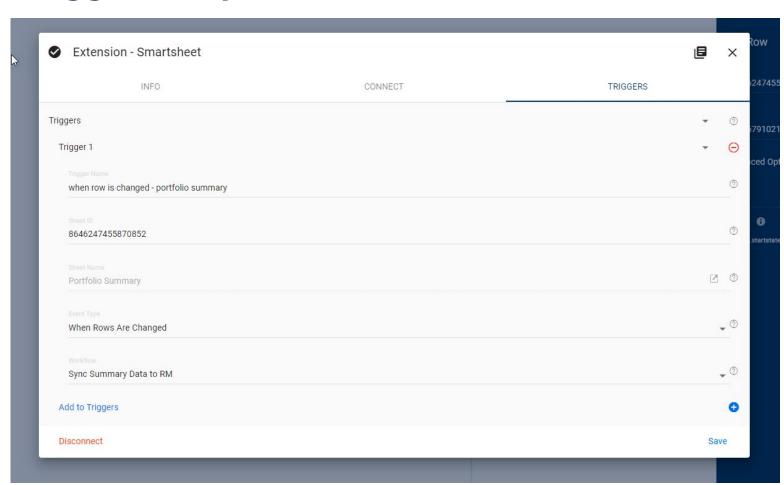


Trigger





Trigger Setup





What else can be done?

- You could set up triggers on only the columns that are sent to RM so that the workflow doesn't run as often
- You can send other project information that wasn't sent by SCC at provisioning (project type, project code, client, etc)

What shouldn't you try to do?

- Bidirectional Sync
 - There is no timing guarantees with Bridge, so bi-directional syncs are not reliable
- Update Project Names
 - Project names changes in SCC can cause issues
- Sync Assignment
 - o Done automatically via the SCC RM Integration



3

Expanding on these concepts

Let's apply the concepts we just learned with another use case

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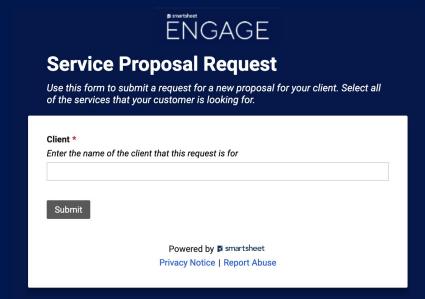
Setting the Stage

What is our process and what are we solving for

- We are the owners of a critical business process with exec. level visibility
- Our process captures requests from a variety of field teams
- A single request may have multiple options that are needed
- Different internal teams are responsible for completing the requested work
- We need to maximize end user experience to ensure adoption
- Minimizing administrative burden and process related delays is important



A Possible Solution





Service Proposal Request

Use this form to submit a request for a new proposal for your client. Select all of the services that your customer is looking for.

ne Corp.
ices needed by the client *
ct all of the services that the customer needs
Service 1
Service 2
Service 3
Service 4
Service 5
Service 6
Service 7
Service 8
Service 9
Service 10
bmit



A Possible Solution

0 7 = i	Gener Propo	Client Name	Request Number	Submission Date	Status	Services Needed	Assigned to:	Service Lead	Date Assigned	Date Started	Date Completed	Proposal Estimate
1		Acme Corp.	R-1049	08/16/24 12:15 PM	New	Service 1 Service 2 Service 3						\$0.00
2	•	Bravo Inc.	R-1050	08/19/24 11:03 AM	New	Service 2 Service 8 Service 9 Service 10						\$0.00
3	•	Danny and Tean	R-1051	08/19/24 11:03 AM	New	Service 3 Service 4 Service 8						\$0.00
4		Echo Consulting	R-1052	08/19/24 11:03 AM	New	Service 1						\$0.00
5		Care Inc.	R-1053	08/19/24 11:03 AM	New	Service 8 Service 9						\$0.00
6		Eddison Corp.	R-1054	08/19/24 11:03 AM	New	Service 2 Service 3 Service 6 Service 8						\$0.00



A Possible Solution

- We need to maximize end user experience to ensure adoption
- Minimizing administrative burden and process related delays is important



Another Possible Solution

Service Proposal Request Use this form to submit a request for a new proposal for your clies of the services that your customer is looking for. Client * Enter the name of the client that this request is for Submit Powered by Smartsheet Privacy Notice | Report Abuse

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Service Proposal Reque

Use this form to submit a request for a new proper of the services that your customer is looking for.

Acme Corp.	
Services needed by the	e client *
Select all of the service	es that the customer needs
Service 1	
O Service 2	
O Service 3	
O Service 4	
O Service 5	
O Service 6	
O Service 7	
O Service 8	
O Service 9	
O Service 10	
Submit	
Submit	



Service Proposal Requ

Use this form to submit a request for a new p of the services that your customer is looking

Acme Corp.	
Services needed by the	client *
Select all of the services	that the customer needs
O Service 1	
Service 2	
O Service 3	
O Service 4	
O Service 5	
O Service 6	
O Service 7	
O Service 8	
O Service 9	
O Service 10	
Submit	
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Service Proposal Request

Use this form to submit a request for a new proposal for your client. Select all of the services that your customer is looking for.

Acme Corp.		
Services needed by the	client *	
Select all of the services	that the customer needs	
O Service 1		
O Service 2		
Service 3		
O Service 4		
O Service 5		
O Service 6		
O Service 7		
O Service 8		
O Service 9		
O Service 10		
Submit		
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	Privacy Notice Report Abuse	



Another Possible Solution

0 4	Gener Propo	Client Name	Request Number	Submission Date	Status	Services Needed	Assigned to:	Service Lead	Date Assigned	Date Started	Date Completed	Proposal Estimate
1		Acme Corp.	R-1049	08/22/24 5:03 PM	New	Service 1						\$0.00
2		Acme Corp.	R-1056	08/22/24 5:04 PM	New	Service 3						\$0.00
3	-	Bravo Inc.	R-1050	08/22/24 5:03 PM	New	Service 2						\$0.00
4		Acme Corp.	R-1055	08/22/24 5:04 PM	New	Service 2						\$0.00
5		Bravo Inc.	R-1059	08/22/24 5:05 PM	New	Service 10						\$0.00
6		Bravo Inc.	R-1057	08/22/24 5:05 PM	New	Service 8						\$0.00
7		Bravo Inc.	R-1058	08/22/24 5:05 PM	New	Service 9						\$0.00
8		Danny and Tean	R-1051	08/22/24 5:03 PM	New	Service 3						\$0.00
9		Echo Consulting	R-1052	08/22/24 5:03 PM	New	Service 1						\$0.00
10		Care Inc.	R-1053	08/22/24 5:03 PM	New	Service 8						\$0.00
11		Care Inc.	R-1065	08/22/24 5:06 PM	New	Service 9						\$0.00
12		Danny and Tean	R-1060	08/22/24 5:05 PM	New	Service 4						\$0.00
13		Danny and Tean	R-1061	08/22/24 5:05 PM	New	Service 8						\$0.00
14		Eddison Corp.	R-1054	08/22/24 5:03 PM	New	Service 2						\$0.00
15		Eddison Corp.	R-1062	08/22/24 5:06 PM	New	Service 3						\$0.00
16		Eddison Corp.	R-1063	08/22/24 5:06 PM	New	Service 6						\$0.00
17		Eddison Corp.	R-1064	08/22/24 5:06 PM	New	Service 8						\$0.00



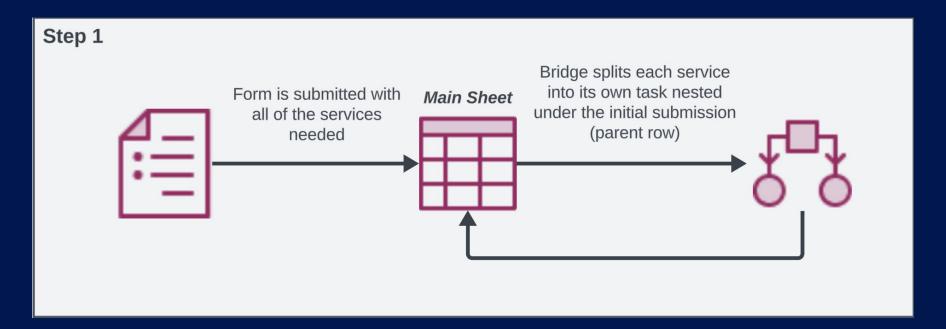
Another Possible Solution

- We need to maximize end user experience to ensure adoption
- Minimizing administrative burden and process related delays is important



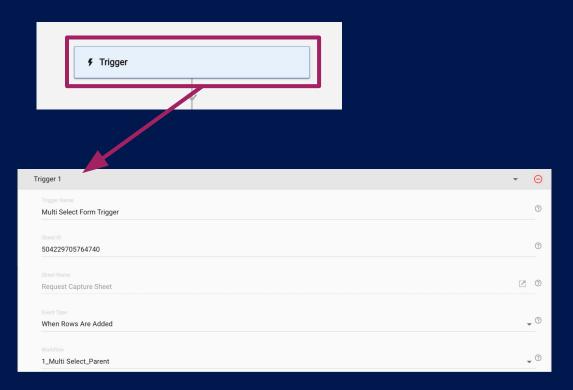
Let's solve for both!

What will our workflow do?



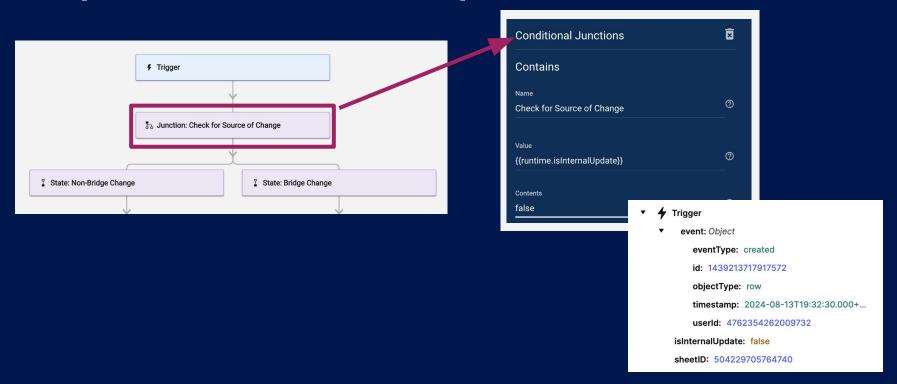


Step 1 - Define the trigger



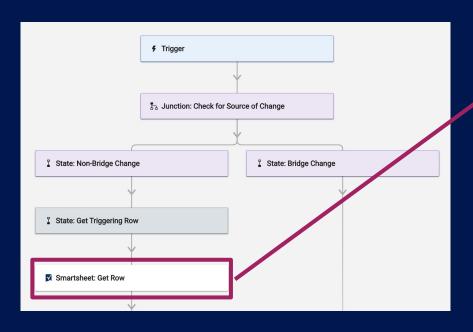


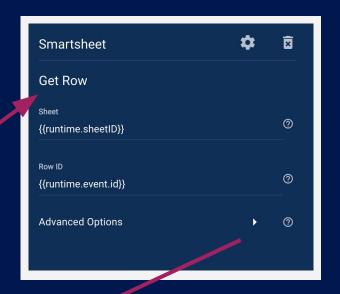
Step 2 - Follow the correct path





Step 3 - Bring in a Module



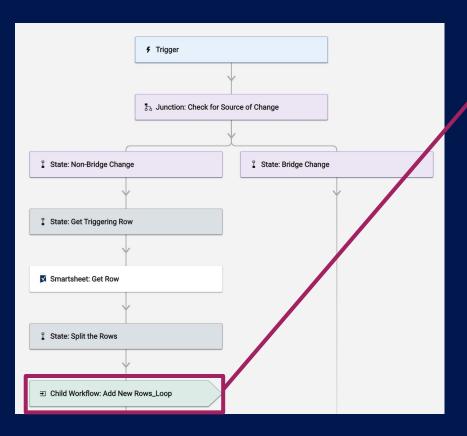




Includes additional information on cell values, such as with multi-select and multi-contact column cells.



Step 4 - Around and around



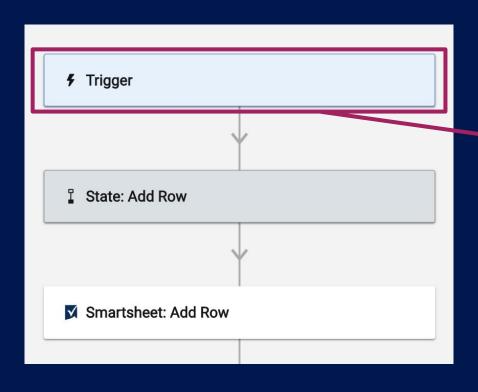


Remember this?





Step 5 - Kick off the loop



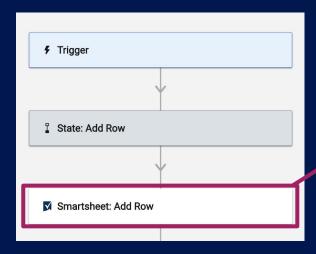
Same structure as main workflow.

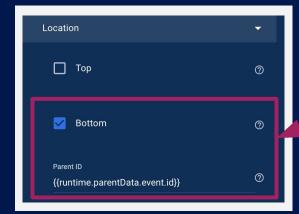
It all starts with a trigger.

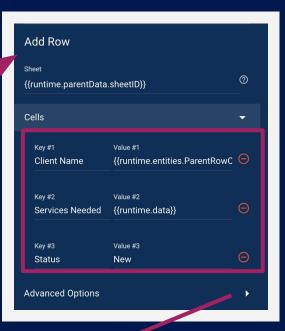




Step 6 - Create new rows

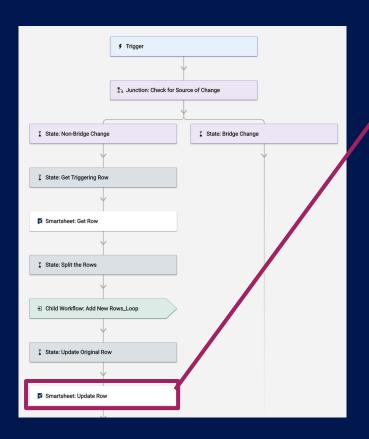


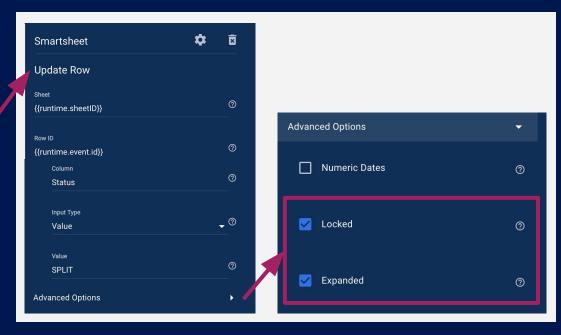






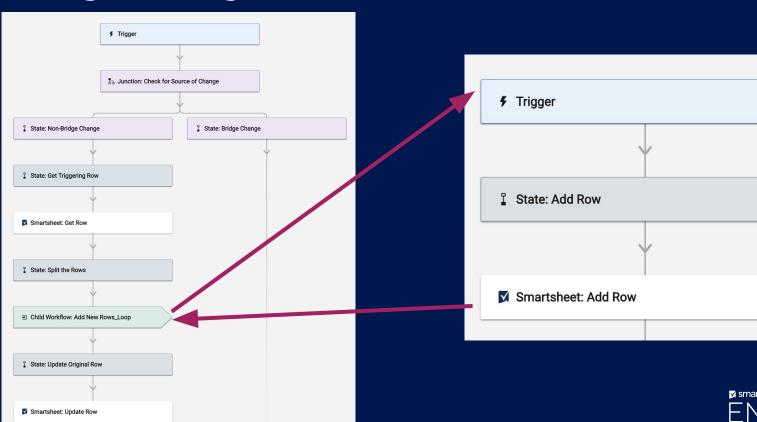
Step 7 - Finishing the workflow







Putting it all together





The result of our new workflow

ENGAGE Service Proposal Request Use this form to submit a request for a new proposal for your client. Select all of the services that your customer is looking for. Enter the name of the client that this request is for Engage 2024! Services needed by the client * Select all of the services that the customer needs Service 1 Service 2 Service 3 Service 4 Service 5 Service 6 Service 7 Service 8 Service 9 Service 10 Powered by smartsheet Privacy Notice | Report Abuse

			Gener Propo	Client Name	Request Number	Original Request Reference	Submission Date	Status	Services Needed	Assigned to:	Service Lead	Date Assigned	Date Started	Date Completed	Proposal Estimate
1	0 -	A	-	□ Engage 2024!	R-1049		08/22/24 3:53	SPLIT			**				\$0.00
2		Ø		Engage 2024!	R-1050	R-1049	08/22/24 3:53 PM	New	Service 2		Aviv Perez				\$0.00
2		63		Engage 2024!	R-1051	R-1049	08/22/24 3:53 PM	New	Service 5		Bruce Ferguse				
		63		Engage 2024!	R-1052	R-1049	08/22/24 3:53 PM	New	Service 8		Leigh Gibbs				
5				= pronson corp.	W-TD44		UO/13/24 3i32	oru.			a Loigh Gibbs				\$7,500.00
6		_ @		Bronson Corp.	R-1045	R-1044	08/13/24 3:32 PM	New	Service 4		Brooklyn Jans				
7				Bronson Corp.	R-1046	R-1044	08/13/24 3:33 PM	Assigned	Service 5	Josh Jones	Bruce Fergus				
8				Bronson Corp.	R-1047	R-1044	08/13/24 3:33 PM	Complete	Service 6	June Taylor	Devon-Gomei		08/13/24	08/13/24	\$7,500.00
9				Bronson Corp.	R-1048	R-1044	08/13/24 3:33 PM	In Progress	Service 7	Aviv Perez	A Hazel Christer	08/13/24	08/13/24		
10		a		MBF Corp.	R-1039		08/09/24 9:20	SPLIT							\$12,000.00
11				MBF Corp.	R-1040	R-1039	08/09/24 9:20 AM	Assigned	Service 3	A Hilda Wilson	June Taylor	08/13/24			
12	P			MBF Corp.	R-1041	R-1039	08/09/24 9:20 AM	Flagged	Service 4	Josh Jones	Brooklyn Jans	08/14/24	08/21/24		
13		Ø		MBF Corp.	R-1042	R-1039	08/09/24 9:20 AM	New	Service 5		Bruce Fergus				
14				MBF Corp.	R-1043	R-1039	08/09/24 9:20 AM	In Progress	Service 8	Josh Jones	Leigh Gibbs	08/07/24	08/13/24		\$12,000.00
15		â		■ Bravo Ventures	R-1029		08/09/24 8:34	SPLIT							\$12,500.00
16				Bravo Ventures	R-1032	R-1029	08/09/24 8:35 AM	Assigned	Service 7	Brooklyn Jan	Hazel Christer	08/09/24			\$7,500.00
17				Bravo Ventures	R-1034	R-1029	08/09/24 8:35 AM	In Progress	Service 8	Aviv Perez	Leigh Gibbs	07/29/24	08/14/24		
18				Bravo Ventures	R-1036	R-1029	08/09/24 8:35 AM	Assigned	Service 9	Josh Jones	Riran Gupta	08/06/24			\$5,000.00
19	0	a	<u>~</u>	■ Acme Corp.	R-1028		08/09/24 8:34	SPLIT						08/21/24	\$82,500.00
20				Aeme Gorp.	R-1030	R-1028	08/09/24-8:34-AM	Complete	Service 1	M Hilda Wilson	Josh Jones	08/20/24	08/13/24	08/13/24	\$7,500.00
21				Acmo Corp.	R-1031	R-1028	08/09/24-8:35-AM	Complete	Service 3	Bruce Fergu	June Taylor	08/14/24	08/13/24	08/21/24	\$5,000.00
22				Acme Corp.	R-1033	R-1028	08/09/24-8:35-AM	Complete	Service 4	Aviv Perez	Brooklyn Jans	08/19/24	08/09/24	08/09/24	\$25,000.00
23				Aeme-Gorp.	R-1035	R-1028	08/09/24-8:35-AM	Complete	Service-5	June Taylor	Bruce Fergus	07/29/24	08/09/24	08/13/24	\$10,000.00
24				Aome Gorp.	R-1037	R-1028	08/09/24-8:35-AM	Gomplete	Service-9	Brooklyn Jan	Kiran Gupta	08/22/24	08/13/24	08/13/24	\$20,000.00
25				Acmo Gorp.	R-1038	R-1028	08/09/24-8:35-AM	Gomplete	Service 10	Bruce Fergus	M Hilda Wilson	08/13/24	08/09/24	08/09/24	\$15,000.00



Did we solve the challenges

- We need to maximize end user experience to ensure adoption
- Minimizing administrative burden and process related delays is important



Recap of learnings

What did we say you should leave knowing?

- Have a basic understanding of Bridge
 The what, when, and why
- Feel confident getting started

 Understand the building block and get started with a simple yet powerful workflow
- Imagination is in full swing
 Head is full of ideas of how to apply this in your processes



Next steps...

- Review Getting Started with Bridge Learning Track
- Visit the Automated Workflows & Bridge Booth Chat with us about your use case
- Attend SEA59Adv Attend to learn more about how Iron Mountain uses Bridge in their processes.
- Attend SEA41Adv Automate and Scale your Portfolio
- Attend SEA10XV
- Attend SEA50



Learning Track

Take the survey

We'd love to hear your thoughts on the session.

Open this session in the mobile app, click "Survey," and answer two questions — it's that easy!

Thank you.

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