



Webinar

Mapistry for Manufacturers

May 1st, 2026

AGENDA

- ✓ **Mapistry Overview**
- ✓ **Data Mapping**
- ✓ **Air | VOC & HAP Emissions & Data Collection**
- ✓ **Waste | RCRAInfo Integration & Analytics**
- ✓ **Questions & Answers**

What is your "system" today?



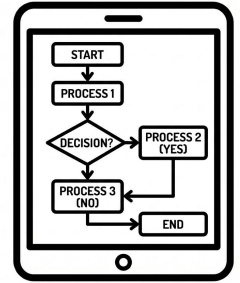
Largely **paper** and spreadsheet-based



Mix of **legacy EHS software** and spreadsheets

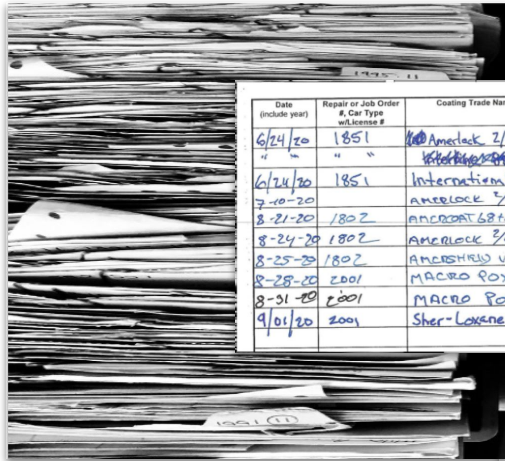


Platform-based **data calculations** and monitoring



AI and API-driven automation, proactive risk monitoring

We replace spreadsheets, paper forms, Outlook reminders, multiple systems, and more...



Date (include year)	Repair or Job Order #, Car Type or License #	Coating Trade Name, Code # & Type	Catalyst Type (Code #)	Reducer Type (Code #)	Mix Ratio	Amount Sprayed	Paint Amount Wasted, if applicable	Painter's Initials
6/24/20	1851	Amerlock 2/400 White	Amerlock 2	Amerlock 2	1 to 1	1 1/4 Gal.		J.S.
6/24/20	1851	International Interline 950	IL950			1/4 Gal.		J.S.
7-10-20		Amerlock 2/400 White	Amerlock 2	Amerlock 2	1 to 1	1/2 Gal.		J.R.
8-21-20	1802	Amercoat 68 H3	Amercoat 68 H3	Amercoat 68 H3	3 parts	1/4		J.R.
8-24-20	1802	Amerlock 2/400	Amerlock 2	Amerlock 2	1 to 1	1 Gal.		J.R.
8-25-20	1802	Amercoat VOC Yellow	Amercoat VOC Yellow	Amercoat VOC Yellow	4 to 2	1 Gal.		J.R.
8-25-20	2001	Macro Pox 646 A	Macro Pox 646 A	Macro Pox 646 A	1 to 1	2 1/2 Gal.		J.R.
8-31-20	2001	Macro Pox 646 A	Macro Pox 646 A	Macro Pox 646 A	1 to 1	2 Gal.		J.R.
9/01/20	2001	Shur-Lowene 800	Shur-Lowene 800	Shur-Lowene 800	4 to 1	1 1/2 Gal.		J.R.

Month	22,005	28,800	6,000	33,000	15,000	9,720	12,000	21,307	12,000	-	-	-
March	24,163	-	28,800	-	35,000	-	36,224	-	-	-	-	-
April	1,584	-	6,000	-	6,000	-	36,681	-	-	-	-	-
May	2,934	-	6,000	-	6,000	-	28,806	-	-	-	-	-
June	40,149	-	33,000	-	48,862	-	27,000	-	-	-	-	-
July	21,245	-	15,000	-	9,720	-	39,000	-	-	-	-	-
August	16,472	-	12,000	-	24,683	-	30,000	-	-	-	-	-
September	12,410	-	9,000	-	21,307	-	33,000	-	-	-	-	-
October	14,987	-	12,000	-	32,683,558	-	33,000	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
Total	177,445	-	175,800	-	32,940,871	144,000	512,100	-	-	-	-	-

Emission Source	Unit ID	Filterable PM (tpy)	Condensable PM (tpy)	Filterable PM10 (tpy)	Filterable PM2.5 (tpy)	Total PM10 (tpy)
Unit #1 with heater	001 and 002	0	0	0	0	0
	003, 004 and 015	0	0	0	0	0
	005	0	0	0	0	0
	006	0.21	61.39	6.10E-03	3.97E-04	45.3
V-2		0.1	--	0.03	0.02	0.06
		--	--	0.01	--	--
		0	0	0	0	0
		1.21	--	0.78	0.92	1.12
		--	--	--	--	--
Total						46.48

Pollutant	Annual Emissions	
	Chronic Trigger (lb/year)	2020
Ethyl Ketone	N/A	0.2848
Benzene	N/A	0.0199
ne	12000	0.5671
e	27000	0.0288
Phosphite	3.2	0.0199
ium Chromate	0.00077	0.0081

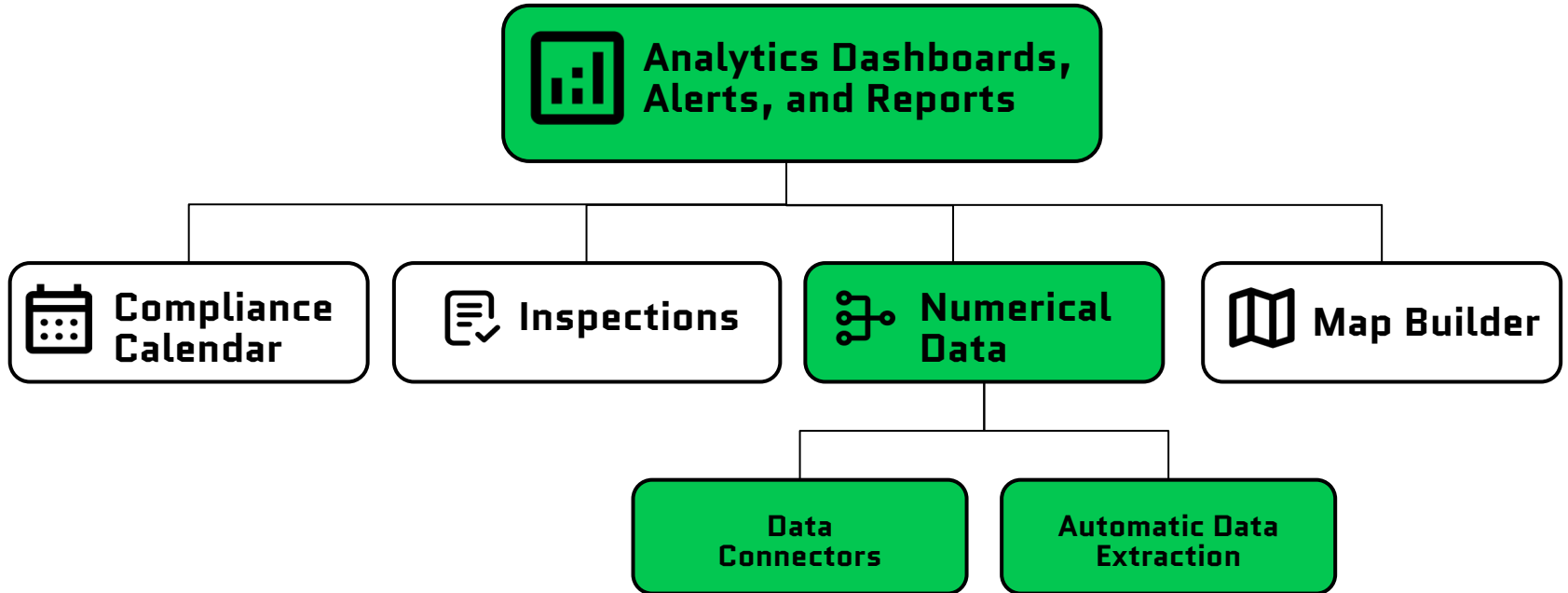
~~Health~~

~~Safety~~

Environmental
Software

Other EHS software does a little of everything, **Mapistry goes deep on just environmental**.

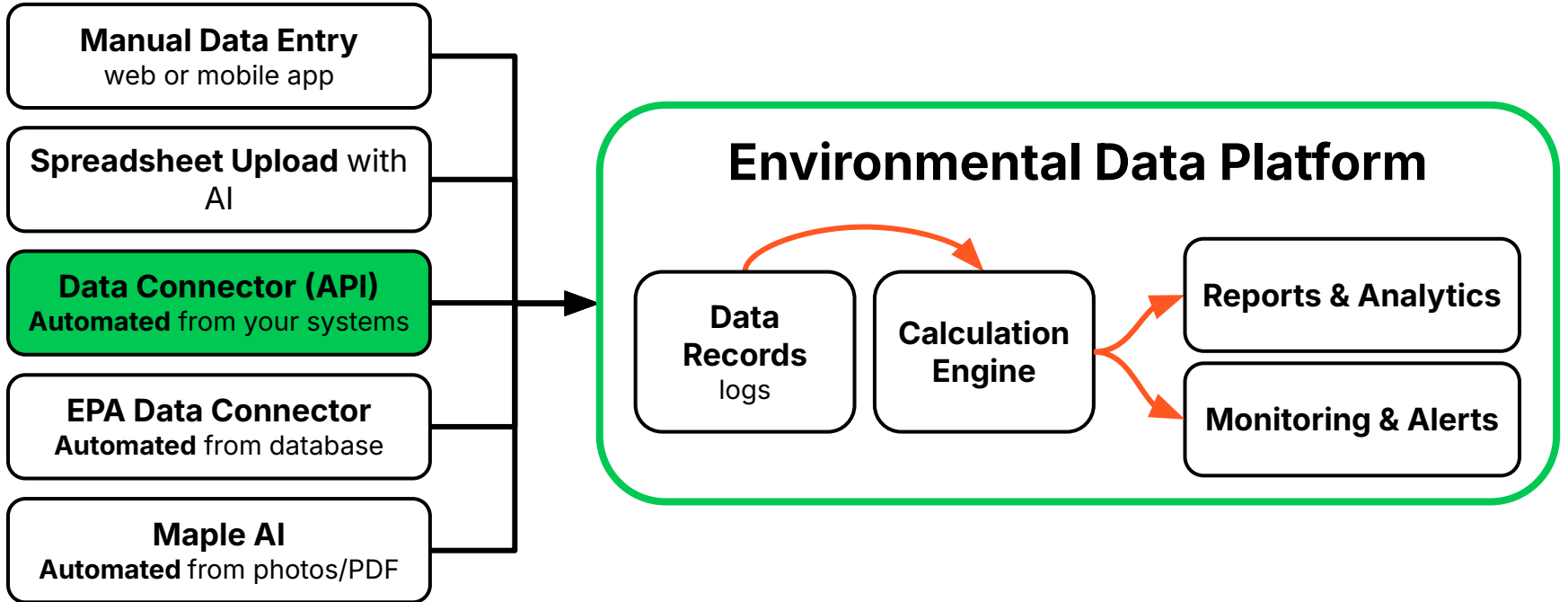
Mapistry's Environmental Compliance Platform



System Integrations

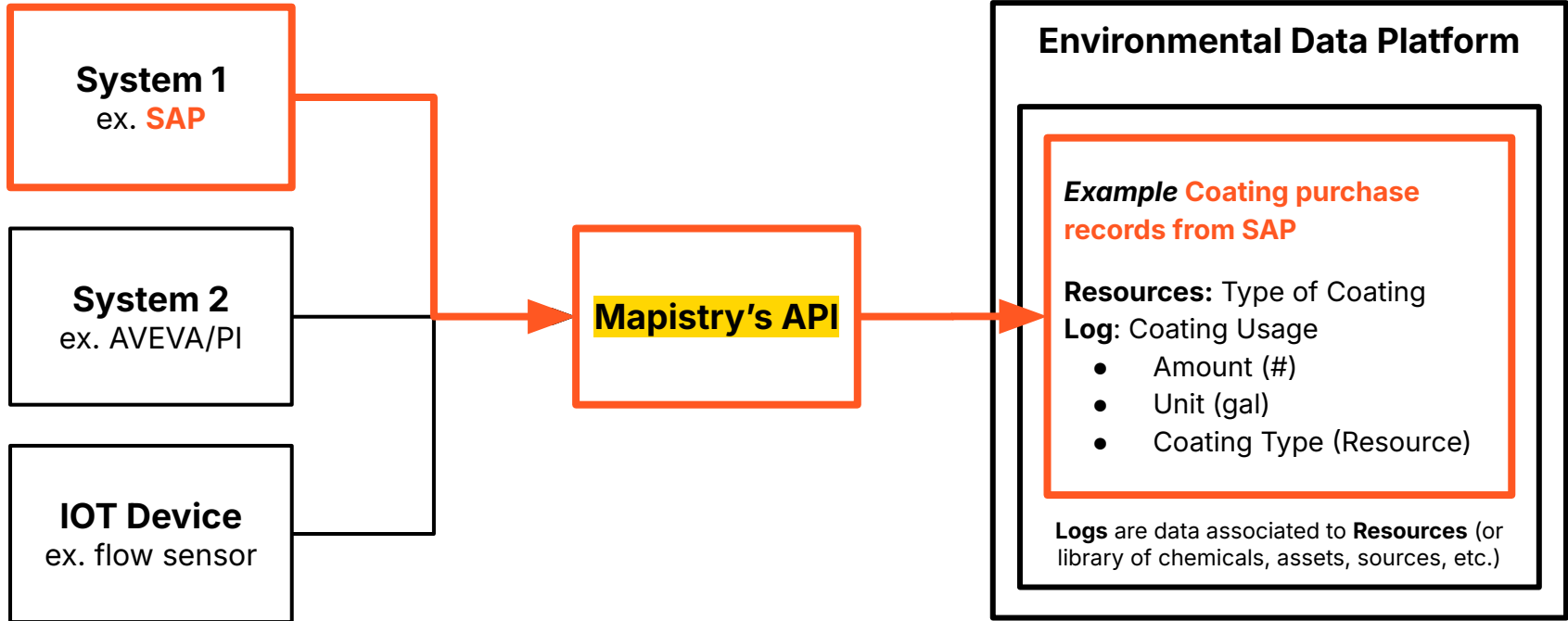
Overview

How data flows into Mapistry



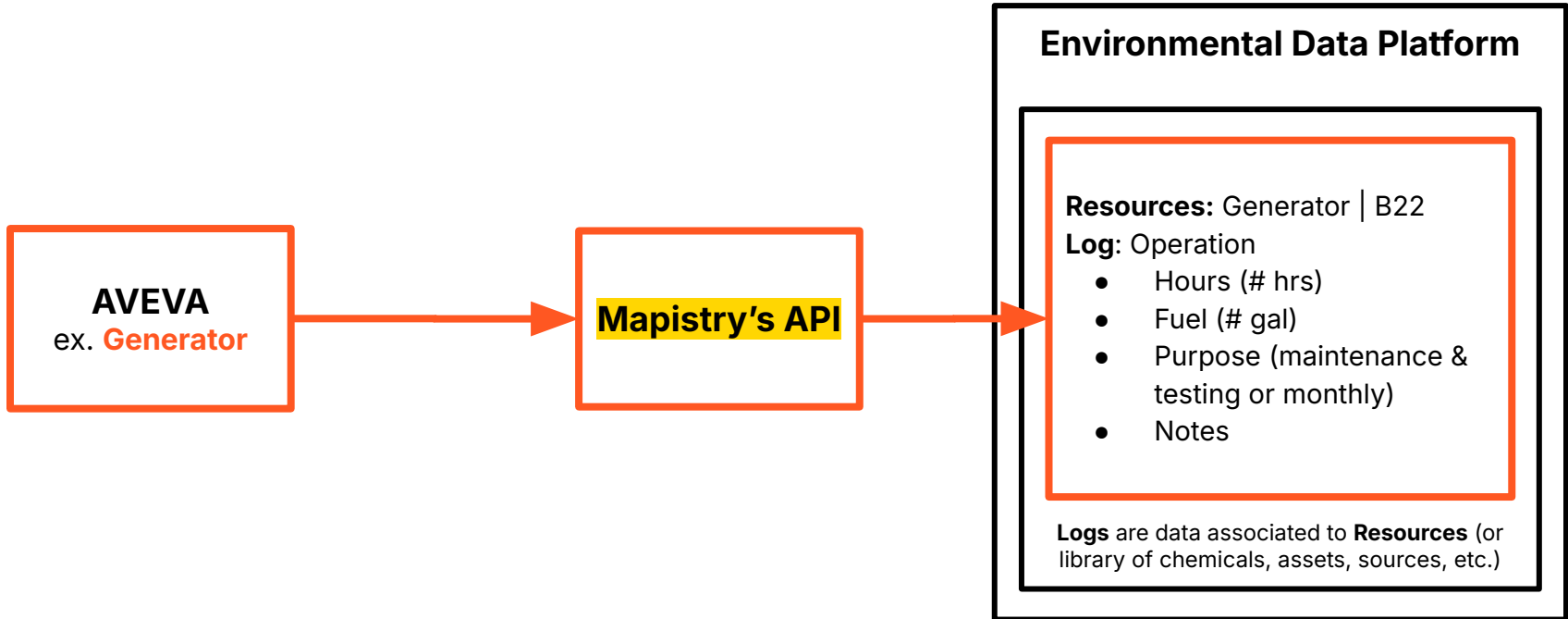
Example

Automated Data flow via the API



Example

Automated Data flow via the API



Mapistry API Process

Kick Off

Align on API process and goals.

Data Mapping

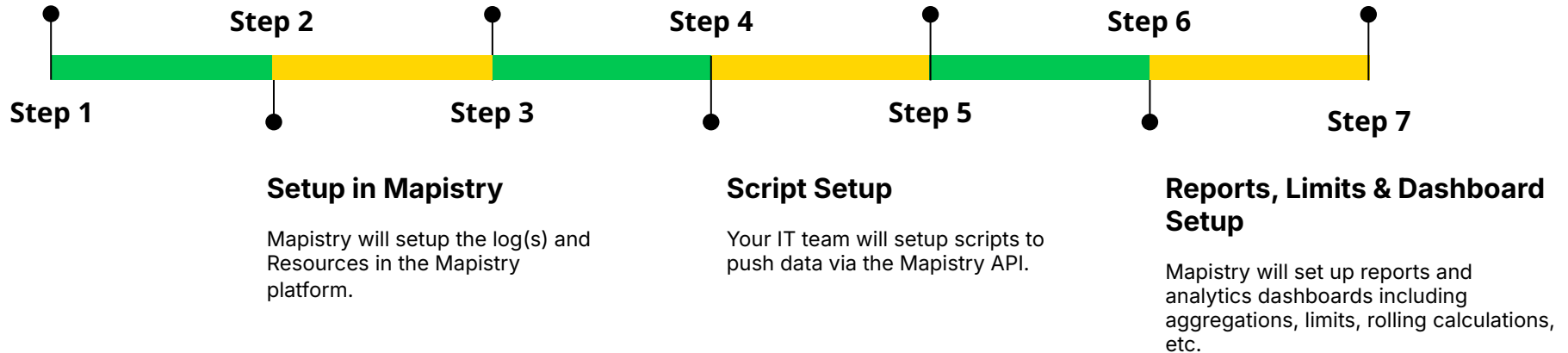
Mapistry prepares a data mapping template for your IT team.

API Testing

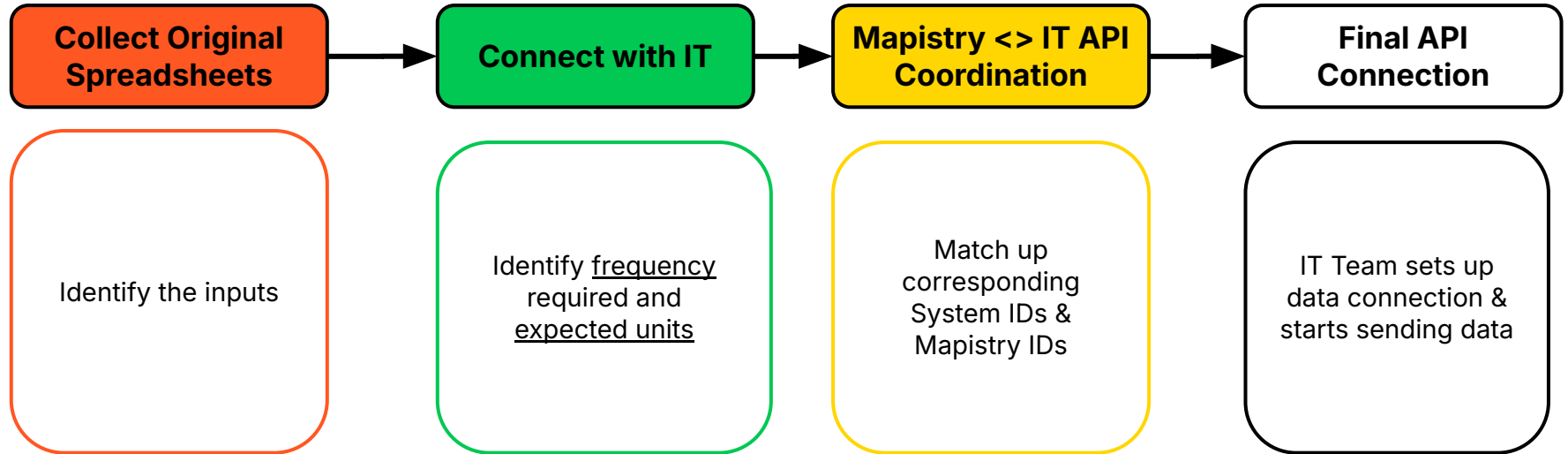
You will test sending Mapistry data via the API.

Launch! 🎉

Data is flowing via the API.



Mapistry's Data Mapping Process



Example Data Mapping Templates

Your Spreadsheet's Input Information:

Input Needed	Units	Frequency	Data Source Category	System	System ID
Throughput	lbs	daily	API	SAP	T_5921A
Paint A Usage	gallons	daily	API	SAP	I_384987A
Paint B Usage	gallons	daily	API	SAP	I_58096B
Generator Runtime	hours	monthly	API	PI	GEN_19343
Solvent Usage	gallons	daily	Manual		

Example Data Mapping Templates

Mapistry's Log ID & Field Information:

Mapistry Log IDs Template:

Log Name/ID: Generator Runtime Log/dfa982a

Field Name	Field ID	Field Type	Additional Info
Generator	asfa9s8	resource	asdkjfsaj98sdfag0
Runtime	asg9rkxd9	number	hours
Comments	agdgj8s9esar	text	

Mapistry Resource IDs Template:

Resource Name/ID: Generator Resource/asdkjfsaj98sdfag0

Resource	Resource ID	Site ID
Generator A	gcxiuer89x	sdfagfa899asdga

Example Data Mapping Templates

Putting It Together:

Input Needed	Unit	Frequency	Data Source	System	System ID	Mapistry Log ID	Mapistry Field ID	Mapistry Resource ID	Data Connection Status
Throughput	lbs	daily	API	SAP	T_5921A	324sfsa9	igfdk7gf8sd		Data connected
Paint A	gals	daily	API	SAP	I_384987A	78asggds	gsd76sdf	87sfasg	Need to connect
Paint B	gals	daily	API	SAP	I_58096B	78asggds	gsd76sdf	237dgas	
Generator Runtime	hr	monthly	API	PI	GEN_1934 3	dfa982a	asg9rkxd9	gcxiuer89x	Need to connect
Solvent Usage	gals	daily	Manual						N/A

Example!

Example!

▼ | fx Screening Throughput (tons)

◆ Summarize this table

A	M	N	O	P	Q	R	S	T
Production Data	2024	2025	2025	2025	2025	2025	2025	2025
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Screening Throughput (tons)	6761	692	7842	1284	7579	8221	9120	5324
<i>Throughput (rolling 12 months)</i>	75135	72445	76721	69341	67391	66693	69884	66247
Generator Runtime (hours) - Gen A	0.1	1.5	0.2	0.2	0.2	0.1	1.2	1.5
<i>Generator Runtime (rolling 12 months)</i>	12.3	12.7	12.4	12.6	11.4	11.2	10.5	10.3
Generator Runtime (hours) - Gen B	0.4	1.4	0.2	0.7	0.1	2.3	0	1.2
<i>Generator Runtime (rolling 12 months)</i>	12.9	13.2	12.9	13.6	12.3	14.3	12.4	11.9
Solvent Usage (gallons)	17	20	6	0	7	11	13	1
<i>Solvent Usage (rolling 12 months)</i>	125	130	136	120	116	111	115	107
Paint Usage (gallons)	118689	83960	156438	116151	66839	67425	108043	132697
<i>Paint Usage (rolling 12 months) - gallons</i>	1055638	1000911	1070688	1125398	1141138	1146559	1147928	1231020
<i>Paint VOCs (rolling 12 months) - lbs</i>	3504521.38	3584916.24	3761686.49	4157272.30	4179004.65	4229615.35	4395092.85	4680512.32
<i>Paint VOCs (rolling 12 months) - tons</i>	1752.260691	1792.458121	1880.843244	2078.636149	2089.502323	2114.807673	2197.546426	2340.25616
input								
calculation								

**Input Item
Source/System:**

Input Item Needed:

Outputs & Calculations

SAP

**Screeener
Throughput
(tons)**

Paint Use (gals)

- Paint A
- Paint B
- Paint C
- Paint D
- Paint E

PI

Generator Runtime (hr)

- Generator A
- Generator B

Manual Entry

Solvent Usage (gal)

**Individual Source
Emission
Calculations**

**Facility-Wide
Emission Totals**

Example!

Inputs Summary with System IDs

Input Needed	Unit	Frequency	Data Source	System	System ID
Screener Throughput	tons	daily	API	SAP	THRPT_0243
Generator A	hours	monthly	API	PI	GENA_8782
Generator B	hours	monthly	API	PI	GENB_8747
Solvent	gallons	daily	Manual		
Paint A	gallons	daily	API	SAP	PA_3942
Paint B	gallons	daily	API	SAP	PB_3923
Paint C	gallons	daily	API	SAP	PC_3923
Paint D	gallons	daily	API	SAP	PD_3935
Paint E	gallons	daily	API	SAP	PE_3988

If System IDs are not already in your spreadsheet, share this table with IT and work with them to get each corresponding unique System ID so they know exactly what data to connect

Example!

Inputs → Mapistry Connection

Input Needed	Unit	Frequency	Data Source	System	System ID	Mapistry Log ID	Mapistry Field ID	Mapistry Resource ID	Data Connection Status
Screeener Throughput	tons	daily	API	SAP	THRPT_0243	asdf1241df	gfdk9sd		Ready to connect
Generator A	hours	monthly	API	PI	GENA_8782	igfd349d	dsesf9sd	sdfsdg8s	Sending Current Data; Need to send historic data
Generator B	hours	monthly	API	PI	GENB_8747	igfd349d	dsesf9sd	gdfsjf9d	
Solvent	gallons	daily	Manual			bvkdf90d	sdfse9s		N/A
Paint A	gallons	daily	API	SAP	PA_3942	p42d9dadg	us9gdsdf	asdf9as	Done
Paint B	gallons	daily	API	SAP	PB_3923	p42d9dadg	us9gdsdf	bsdf9s	Done
Paint C	gallons	daily	API	SAP	PC_3923	p42d9dadg	us9gdsdf	c99dsfs	Done
Paint D	gallons	daily	API	SAP	PD_3935	p42d9dadg	us9gdsdf	ds9f0as	Done
Paint E	gallons	daily	API	SAP	PE_3988	p42d9dadg	us9gdsdf	e9s0fsf	Done

Questions?