



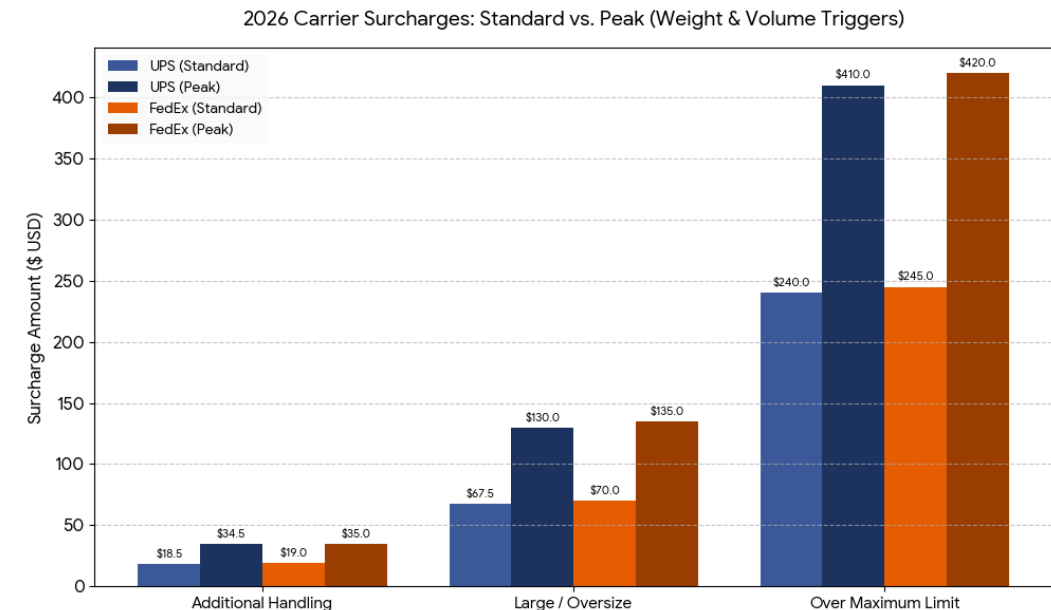
Garbage-In, ~~Garbage~~ Gold-Out

Stop paying twice for data mismatches.

Today as Surcharges, penalties and rework.

And again tomorrow, as transformation delay in AI, S4H or Supply Chain program .

- **Freight surcharges:** Bad address, weights and dimensions trigger \$250-\$300 per package. *(FedEx/UPS 2025 rate updates)*
- **Tariff & Trade Compliance:** HTS misclassification drives 42% of all penalties. *(CBP FY2025 data, Jansson LLC 2026)*
- **Delayed S4HANA and AI transformations:** Only 8% of SAP migrations go-live ontime. *(CIO.com research, [Mar-2025])*



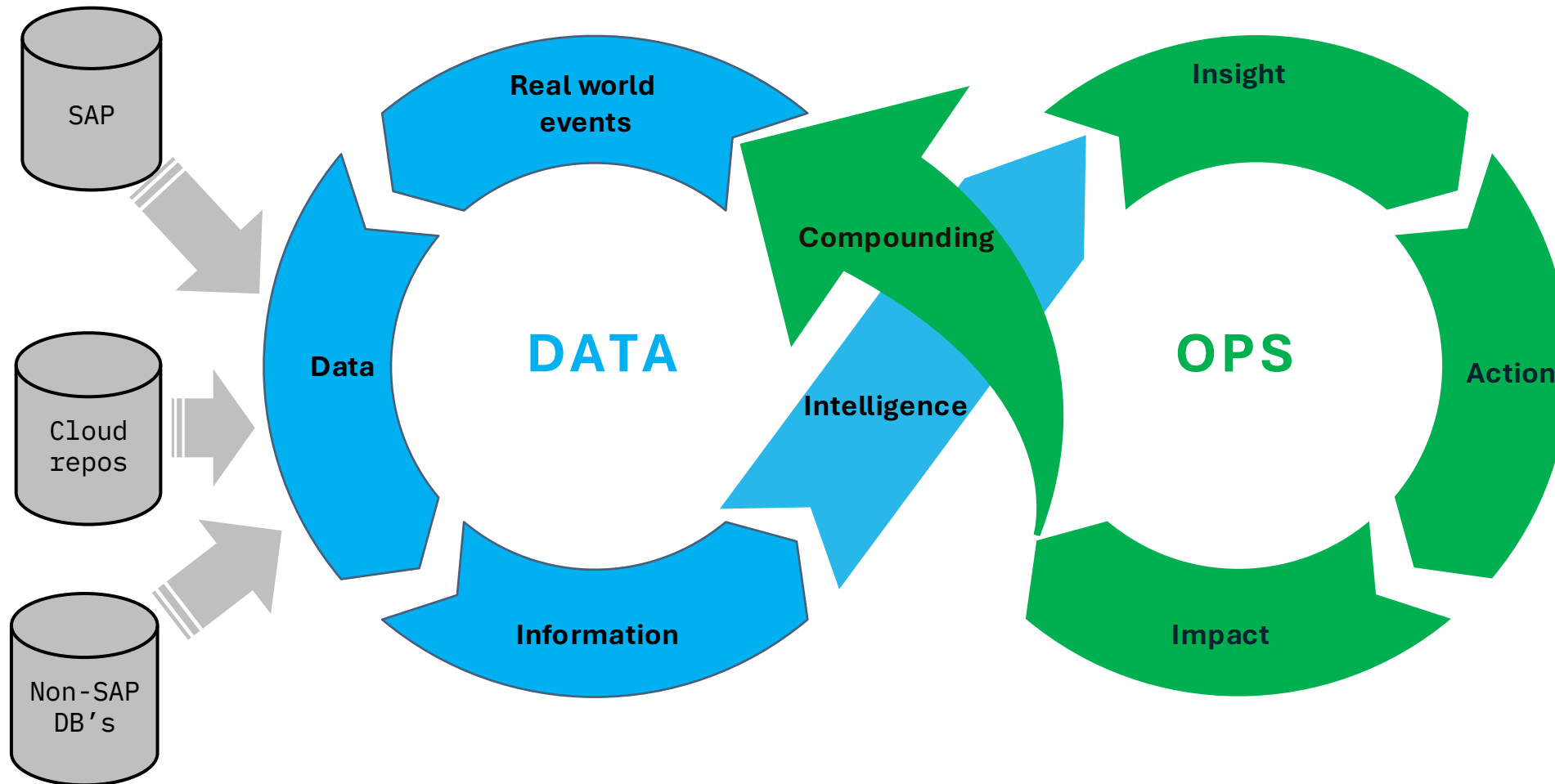
eg, Logistics surcharge costs **\$2.26m /year**

Defect	2026 fee	# of Packages (500K / year)	Annual cost
Bad or incomplete address	\$25.50	2.5% = 12,500	\$319,000
Wrong dims or weight => Additional Handling	\$33.00	8% = 40,000	\$1,320,000
Wrong dims => Large Package / Oversize	\$310.00	0.4% = 2,000	\$620,000
Total			\$2,259,000

Source: [FedEx, Surcharge and Fee Changes 2026](#) and [UPS, 2026 Rate and Service Guide](#)

Streaming DataOps:

Magic of Compounding in Operations



Discovery & profiling

360-degree profiling from SAP + other sources

DATA

OPS

1. Field level granularity
2. Business profile (max, min, median, distinct, outliers etc)
3. Technical profile (data type, length)

Business										Technical									
Source Table	Field Name	Min	Max	Average	Standard Deviation	Count	Null Count	Distinct Count	Name	Position	Type	Kind	Is Nullable	Numeric Precision	Numeric Precision Base	Numeric Scale	Is Signed	Date Time Precision	Max Length
MAKT	MAKTG		_ALL IN ONE PRINTER USB GEN.HARNESS2			22392	378	10164	MAKTG	4	Text.Type	text	TRUE						
MAKT	MANDT	800	800			22392	0	1	MANDT	0	Text.Type	text	TRUE						
MAKT	MAKTX		ztest1			22392	0	10392	MAKTX	3	Text.Type	text	TRUE						
MAKT	MATNR	000000000 000000023	Z_SCM60 5			22392	0	22392	MATNR	1	Text.Type	text	TRUE						
MAKT	SPRAS	E	E			22392	0	1	SPRAS	2	Text.Type	text	TRUE						
MAR M	/STTPEC/GTIN		0873455 0000181			24915	0	3	/STTPEC/GTIN	29	Text.Type	text	TRUE						
MAR M	MANDT	800	800			24915	0	1	MANDT	0	Text.Type	text	TRUE						
MAR M	/STTPEC/NCODE					24915	0	1	/STTPEC/NCODE	30	Text.Type	text	TRUE						
MAR M	MATNR	000000000 000000023	Z_SCM60 5			24915	0	20530	MATNR	1	Text.Type	text	TRUE						
MAR M	/STTPEC/NCODE TY					24915	0	1	/STTPEC/NCODE TY	31	Text.Type	text	TRUE						

Data Governance Register

Statistical & Stochastic algorithms

DATA

OPS

Rules	Critical	High	Info	Medium	None	Review	Total
Completeness	16471	1				2541	19013
Length, width and height are all missing for a material that must have dimensions	2217						2217
The gross weight field is empty		1					1
Volume is zero — may be legitimate for services or bulk materials						1352	1352
Volume is zero for a material type that must have volume	6910						6910
Weight is zero — may be legitimate for services or non-stock materials						1189	1189
Weight is zero for a material type that must have weight	7344						7344
Consistency		1704		1109			2813
Gross weight populated but net weight is zero — completeness defect on net				939			939
Net weight is recorded but no gross weight — physically incoherent		1635					1635
Recorded volume differs significantly from length × width × height — one or both is wrong		69					69
The volume unit is not recognised				168			168
The weight unit is not recognised — often a legacy Z-code				2			2
Impossibility	5						5
Net weight is greater than gross weight — physically impossible	5						5
Pass					576		576
Record passed all checks					576		576
Plausibility						5	5
Weight is a round number like 1000 — possible default entered to bypass a mandatory field						5	5
Statistical			59			83	142
The material group has fewer than 8 records — statistical checks cannot be applied			59				59
Volume significantly higher than the norm						16	16
Volume significantly lower than the norm — often a unit-entry error						12	12
Weight significantly higher than the norm for this material type and group						54	54
Weight significantly lower than the norm — often a unit-entry error						1	1
Grand Total	16476	1705	59	1109	576	2629	22554

Dedupe & Consolidate

AI-powered fuzzy match for de-dupe & consolidation (ie, zero pay-per-use AI)

DATA

OPS

MATNR	SPRAS	MAKTX	MAKTG	MATNR_DUPE	MAKTG_DUPE
500-102	E	Casing (aluminum)	CASING (ALUMINUM)	T-RTO-102	CASING (ALUMINUM)
500-102	E	Casing (aluminum)	CASING (ALUMINUM)	GTS-ROH-05	CASING - ALUMINIUM
CM_AL_SHEET	E	CM Aluminum Sheet	CM ALUMINUM SHEET	CM_ALUMINA	CM ALUMINA
GTS-14003	E	Driving cab (aluminum)	DRIVING CAB (ALUMINUM)	GTS-14025	DRIVING CAB FRAME (ALUMINIUM)
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-13	PPE ALUMINUM WHEELS
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-01	PPE ALUMINUM WHEELS 01
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-02	PPE ALUMINUM WHEELS 02
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-03	PPE ALUMINUM WHEELS 03
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-04	PPE ALUMINUM WHEELS 04
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-05	PPE ALUMINUM WHEELS 05
T-PPE-ALU	E	PPE Aluminum Wheels	PPE ALUMINUM WHEELS	T-PPE-ALU-08	PPE ALUMINUM WHEELS 08

Validation and Loading

AI-powered de-dupe & consolidation (zero pay-per-use AI)

DATA

OPS

1. Read the evidence.

- Carrier billing-> Billed Vs master dims-> Zero copy, no extract.

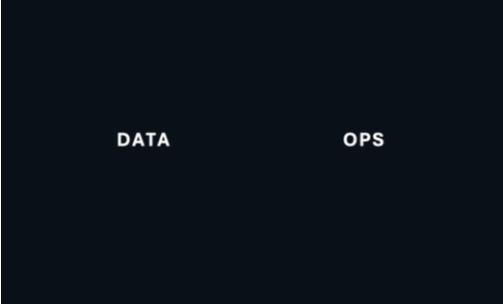
2. Triage the difference.

- Green = matches.
- Yellow = inside tolerance.
- Red = outside tolerance.

3. Update the source.

- Correction proposed as a CR into your existing approval, with native SAP authorization. Fully auditable.

Who needs it



Evidence	Detects	Writes back
Carrier billing file	Billed dims and weight vs. master	Material master: dims, weight, volume
Denied party lists (OFAC, BIS, EU)	Vendor and customer master vs. current list	Vendor / customer master: block, flag for review
Broker entry summary	HTS code and origin filed vs. master	Material master: classification, country of origin, tariff rate
Supplier ASN / remittance	Delivered quantity and UoM vs. master	Material and vendor master: UoM, packaging

Live in days ~~Quarters~~. Self-service.

DATA

OPS

- Ops-ready business objects. 22+ rulesets out-of-box. Results within first week.
- **Simple self-service:** Zero-code Visual rules. Operate with native SAP security and authorization. Fewer tickets and weekend calls for IT.
- No pay-per-use AI. Your data stays in your tenant.

61

Operator templates,
with rulesets

450,000+

Semantic models (Reports /
TCODES/ CDS etc) with securely

850,000+

Tables with delta

Works ~~Replaces~~ with your existing tools

DATA

OPS

Master data governs.

workflows at record creation



- SAP MDG (or other MDG)

Governance polices.

catalog + quality scores



- Informatica & Collibra (in future)

Streaming DataOps filters.

through every step of the workflow



- **Live rules** at source
- Zero copies. Zero code.
- *Operator controls the action & workflow.*

Runs on your existing stack of SAP and other applications:



Non-SAP



Cloud apps

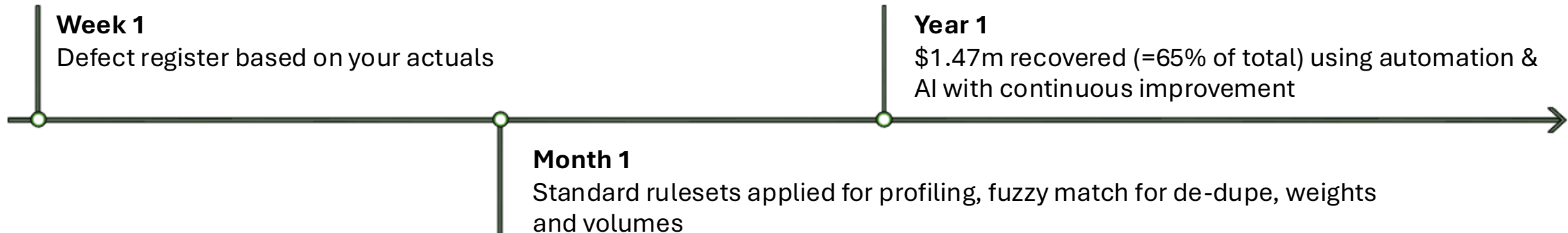
"The quality of the data in our catalog affects nearly everything we do" -CEO **Walmart** 

- **AI 850M**: fixed 850 million+ product data, before starting Agentic automation
- **100X** Productivity Gain Vs manual fix
- **Faster** & simpler Customer Experience, Online and In-store

*Source: Walmart Q2-2025 earnings call

But don't take our word.

Save \$1.47m in carrier surcharge in 1 year

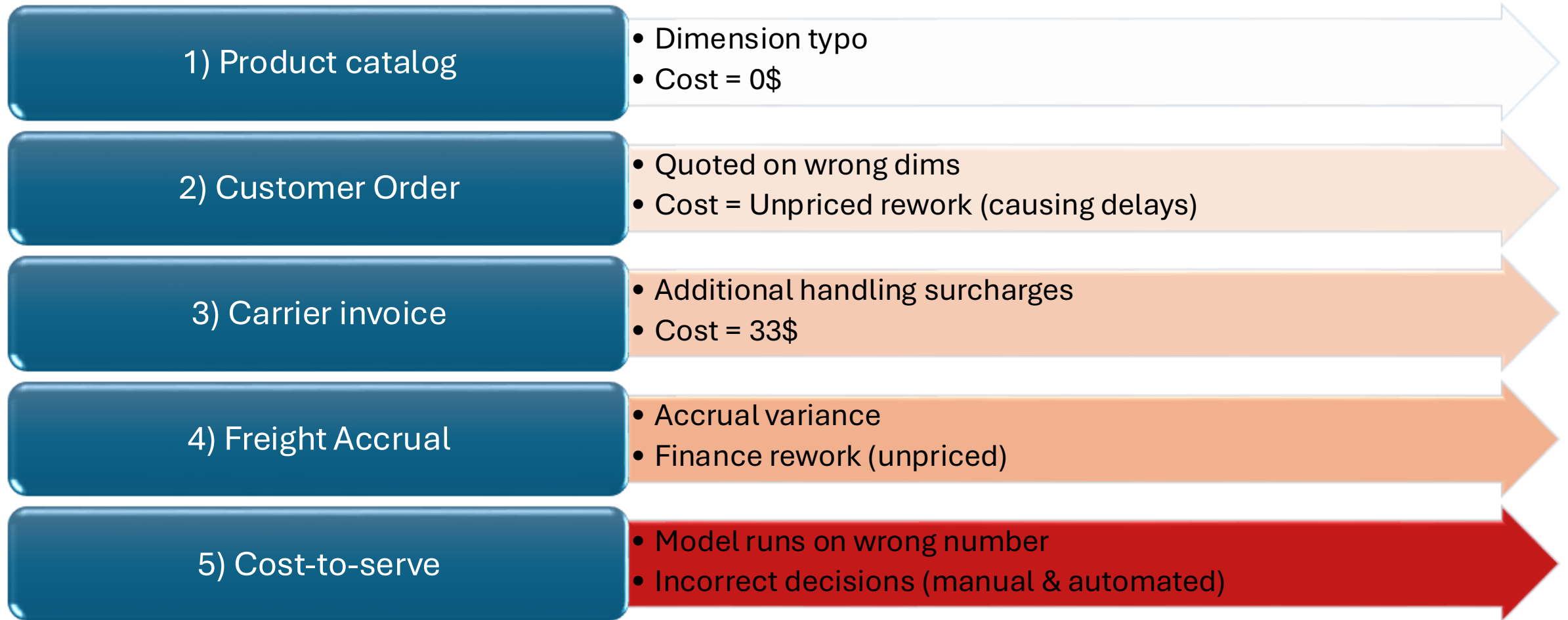


Start today:

www.ecoservity.com/contact

+1.214.519.9601 / aj@ecoservity.com

Data defects cascade in workflow. Exponentially.



\$0 to fix in step 1. \$33 in step. 40,000 times a year.

Why Streaming?



Semantic. Natively Secured. Zero-copy

1,300K+
objects

450K+
reports

850K+
tables

1-API

- Semantic streaming in Excel & Fabric
- SAP native security, zero-copy and live
- MCP standard for Agentic-AI

