2026

Integration **Cost Calculator**

What Are Broken Integrations Costing Your Business?

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A Business Impact Calculator for Enterprise Leaders

End-to-end AI-native product engineering: generative AI and agentic workflows, RAG and knowledge engineering, LLMOps, data hyperautomation and AI-led modernisation of legacy platforms.

Manual Reconciliation

Input	Assumption
Monthly Exceptions	600
Average Resolution Time	15 minutes
Fully Loaded Hourly Cost	$45

Calculation: 600 × 0.25 × $45 = $6,750/month

Failed Transactions

Input	Assumption
Transactions Affected	120
Unrecovered Transactions	35%
Average Contribution Margin	$80

Calculation: 120 × 35% × $80 = $3,360/month

Only unrecovered transactions are counted. Successfully recovered transactions are excluded.

Lost Employee Productivity

Input	Assumption
Employees Affected	8
Weekly Hours Lost Per Employee	2 hrs
Fully Loaded Hourly Cost	$40

Calculation: 8 × 2 × 4.33 × $40 = $2,771/month

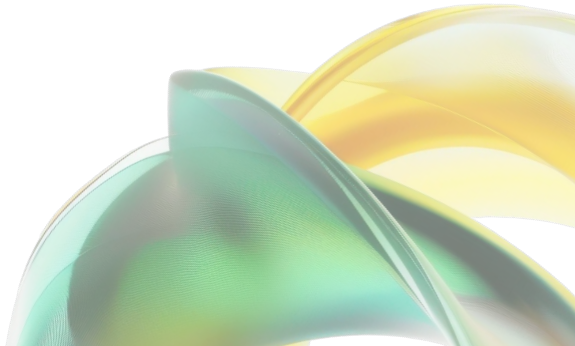
This covers manual coordination and workarounds, excluding reconciliation and incident recovery time.

Incident Recovery

Input	Assumption
Monthly Integration Incidents	3
Engineers Involved Per Incident	2
Recovery Time Per Engineer	4 hrs
Fully Loaded Hourly Cost	$85

Calculation: 3 × 2 × 4 × $85 = $2,040/month

This includes engineering response effort only.



Your Estimated Integration Cost

Cost Category	Monthly Impact
Manual Reconciliation	$6,750
Failed Transactions	$3,360
Lost Productivity	$2,771
Lost Productivity	$2,771
Total Monthly Impact	**$14,921**
Annualized Impact	**$179,052**

The Annualized Financial Impact

$179,052

Estimated annual cost of integration failures if the same monthly conditions continue for 12 months.

Note: Illustrative estimate, not an industry benchmark. Actual costs depend on your operational data. The total estimates selected direct costs, not guaranteed savings or a complete measure of integration-related losses.



Calculate Your Own Integration Costs

Replace the illustrative assumptions with figures from your finance, operations, and engineering teams.

Manual Reconciliation

Input	Assumption
Monthly Exceptions	
Average Resolution Time	
Fully Loaded Hourly Cost	$
Monthly Reconciliation Cost	$

Formula: Exceptions × (Minutes ÷ 60) × Hourly cost

Failed Transactions

Input	Assumption
Transactions Affected Monthly	
Percentage Remaining Unrecovered	
Average Contribution Margin Per Transaction	$
Monthly Transaction Loss	$

Formula: Affected transactions × Unrecovered percentage × Contribution margin

Lost Employee Productivity

Input	Assumption
Number of Employees Affected	
Weekly Hours Lost Per Employee	
Fully Loaded Hourly Cost	$
Monthly Productivity Cost	$

Formula: Employees × Weekly hours × 4.33 × Hourly cost

Incident Recovery

Input	Assumption
Integration Incidents Per Month	
Engineers Involved Per Incident	
Average Recovery Hours Per Engineer	
Fully Loaded Engineering Hourly Cost	$
Monthly Incident Recovery Cost	$

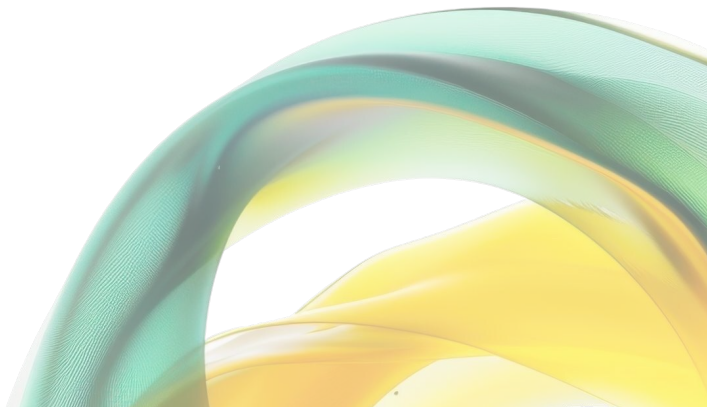
Formula: Incidents × Engineers × Recovery hours × Hourly cost



Calculate Your Total Exposure

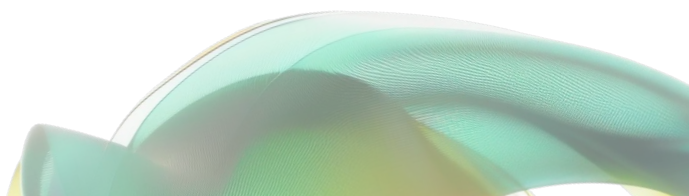
Cost Category	Monthly Amount
Reconciliation	$
Failed Transactions	$
Lost Productivity	$
Incident Recovery	$
Total Monthly Impact	$
Annualized Impact (x12)	$

Formula: Employees × Weekly hours × 4.33 × Hourly cost



Where to Start Based on Your Biggest Cost

If Your Biggest Cost Is	It Usually Points To	Start By
Manual Reconciliation	Systems holding competing versions of the same record	Naming one trusted source for each critical record (customer, contract, invoice) and running scheduled reconciliation
Failed Transactions	Handoffs that fail between steps without safe recovery	Adding duplicate checks, checking transaction status before retries, and keeping failed messages for review
Lost Productivity	People bridging gaps between systems by hand	Mapping the workflows with the most manual workarounds and checking whether the data needs to be real-time or can be scheduled
Incident Recovery	Untracked connections and vendor changes breaking integrations	Keeping an inventory of every integration, its owner and dependencies, and testing interface changes before release



Next, check your controls. Ask your engineering team the five questions below and note whether they can show evidence for each.

Questions to Ask Your Engineering Team	What Good Evidence Looks Like	What We Have	Gap?
Can we follow one order or invoice across every system it touches?	A full-cycle transaction trace from first entry to final record		☐ Yes ☐ No
If the first step succeeds and the second fails, what happens next?	A documented, tested recovery procedure		☐ Yes ☐ No
Which system owns the authoritative customer, order, or payment record?	A field-level ownership map		☐ Yes ☐ No
How do we catch unauthorized access and breaking interface changes?	Regular permission reviews and contract tests		☐ Yes ☐ No
When an integration stops, who restores the service?	A named owner and an escalation plan		☐ Yes ☐ No

