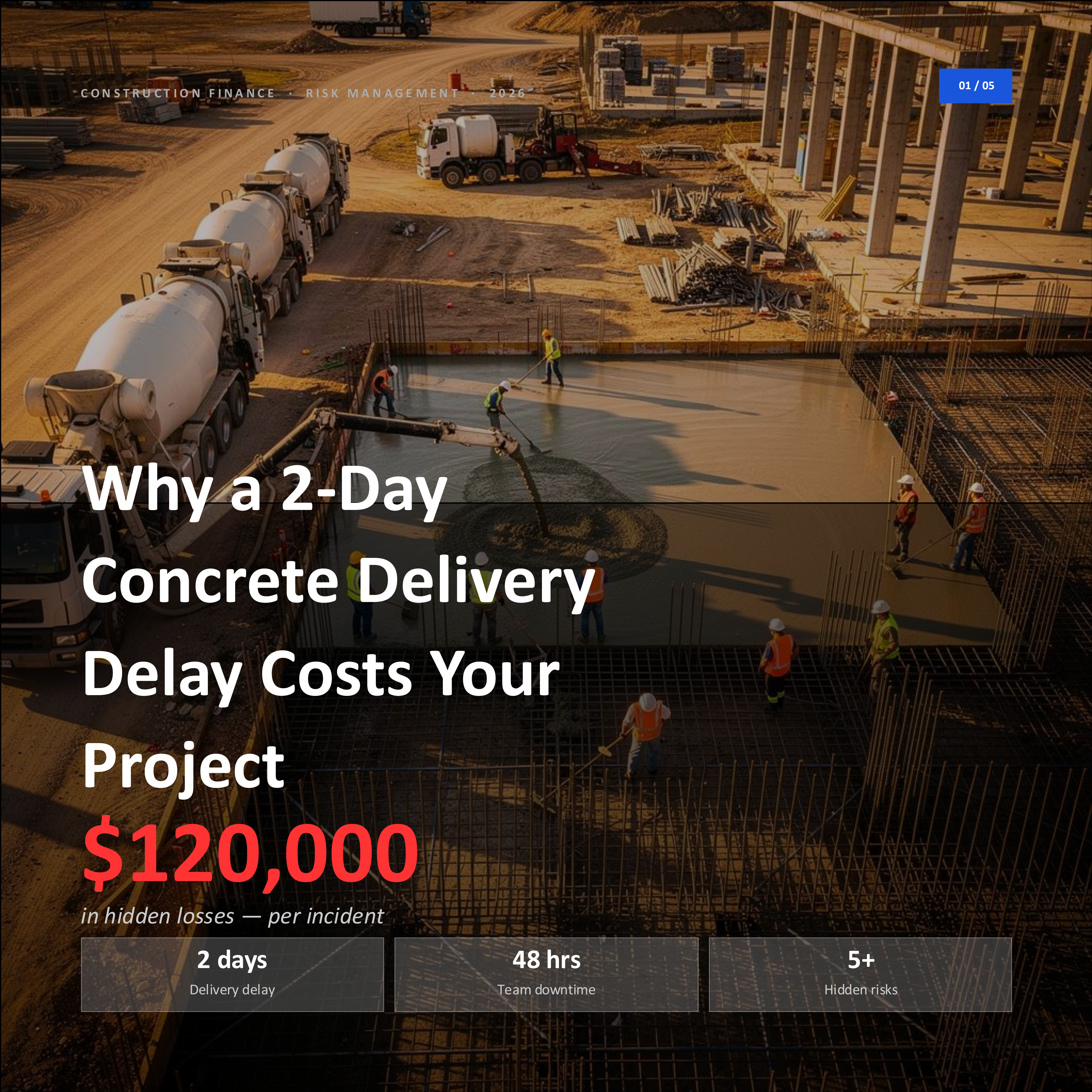

Why a 2-Day Concrete Delivery Delay Costs Your Project

$120,000

in hidden losses — per incident

2 days	48 hrs	5+
Delivery delay	Team downtime	Hidden risks

The Anatomy of $120K

Cost Category	Details	Amount	Type
Crew idle pay	24 workers × $28/hr × 48h	$32,256	Direct
Equipment rental	Crane + pump × 48 hours	$18,400	Direct
Contractual penalty	Liquidated damages / day	$15,000	Direct
Overtime recovery	Catch-up labor premium	$14,400	Direct
Cascade impact	Rebar, formwork, MEP subs	$14,744	Hidden
Reschedule cost	Sequence re-planning	$11,200	Hidden
Remobilization	Specialist equipment move	$9,800	Hidden
Admin & legal	Correspondence + insurance	$4,200	Hidden
TOTAL		**$120,000**	

48 hrs
Total downtime

$32K
Crew idle cost

41%
Hidden losses

50×
Prevention ROI

59% Direct costs · $70,056

41% Hidden costs · $49,944

SUPPLY CHAIN · DELAY PROPAGATION MODEL

How 2 Days Become 14 Days of Losses

Day 0	Confirmed concrete delivery delay
Day 1–2	Crew idle · Equipment costs accumulate
Day 3–4	Subcontractor chain disruption (MEP, roofing)
Day 4–5	Contractual penalty clauses trigger
Day 5–14	Overtime + remobilization + full schedule replan
Day 14+	Client claim exposure · Reputational damage

Prevention Framework

3 Levels of Supply Chain Protection

3-LEVEL PREVENTION MATRIX

Stop the cascade before it starts

01 Contract Layer

ROI 10×

- → Buffer clause: +3 days + $5K/day supplier penalty
- → Dual supplier pre-qualification (min. 2 alternatives)

02 Operational Layer

ROI 5×

- → Daily delivery status via automated CRM tracker
- → On-site buffer stock: 20% of weekly concrete volume

03 Reaction Layer

ROI 6×

- → Pre-agreed contingency: reserve crew + equipment
- → Accelerated pour: night shifts + double crew on standby

Prevention: ~$6K · One incident: $120K · ROI = 50×

01 $120K is not an outlier

Average cost of a concrete supply incident on a $3M+ commercial project.

02 41% remains invisible

Most PMs track direct costs only. Hidden risk compounds with every delayed hour.

03 Prevention pays 50×

A $6K prevention package stops a $120K loss. The math is unavoidable.

Want a free 30-min supply chain audit for your project?

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