

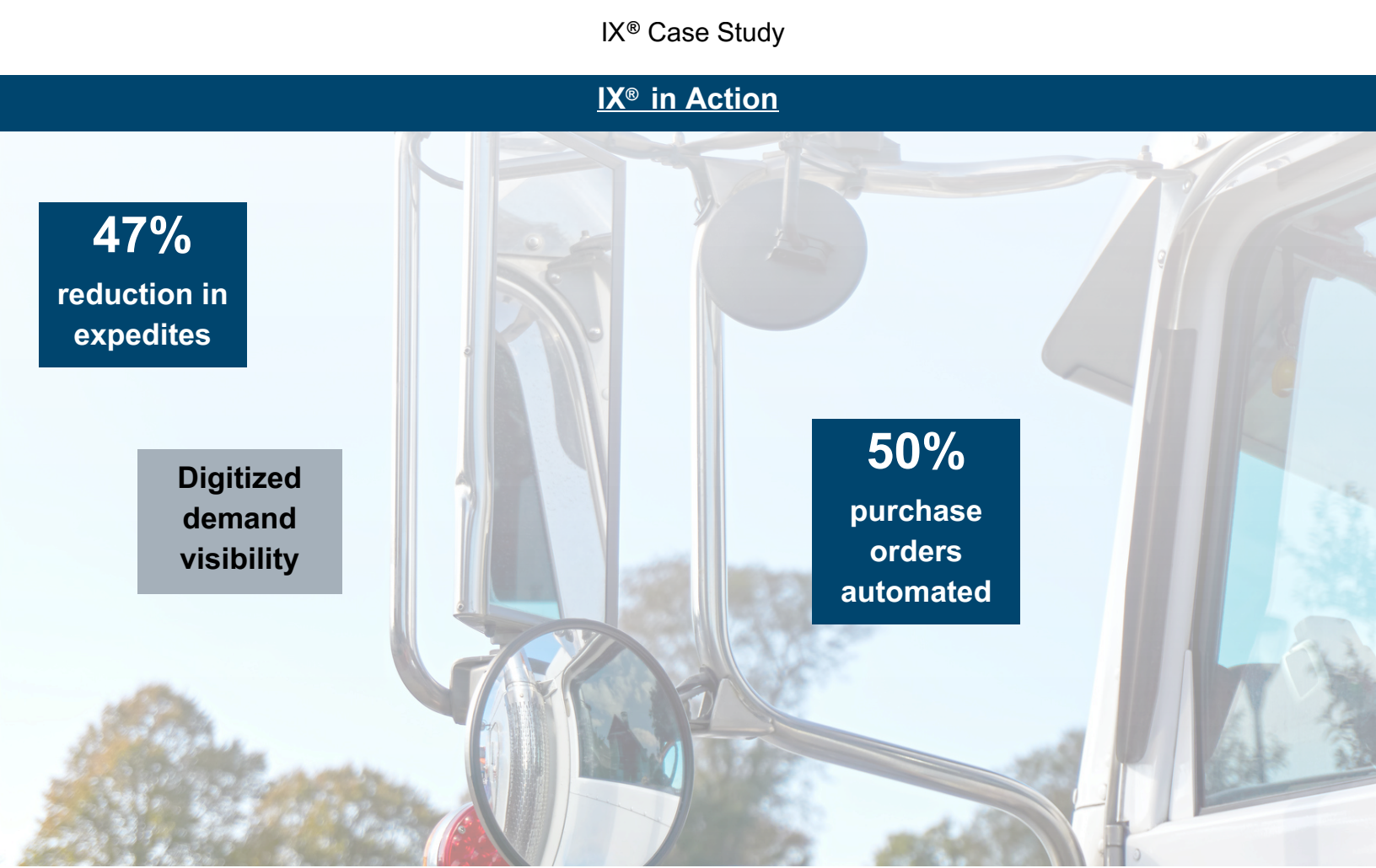


IMPLEMENTATION
ENGINEERS®
BEYOND CONSULTING



IX® Case Study

From Chaos to Control at a Tier-1 Automotive Seating & Mirrors Plant

**47%****reduction in
expedites****Digitized
demand
visibility****50%****purchase
orders
automated**

A Firefight Every Morning

Picture this: a North American Tier-1 automotive plant where each day starts with a scramble. Buyers wrestle with 262 at-risk purchased parts, chasing orders across multiple ERP screens with no clear demand signal. Supervisors push work orders to the floor, only to discover missing components. The mirrors supply base operates on repetitive supply, but the plant lags behind, buried in reschedule messages and manual workarounds. Late orders pile up, and premium freight looms. This was the reality when Implementation Engineers stepped in.

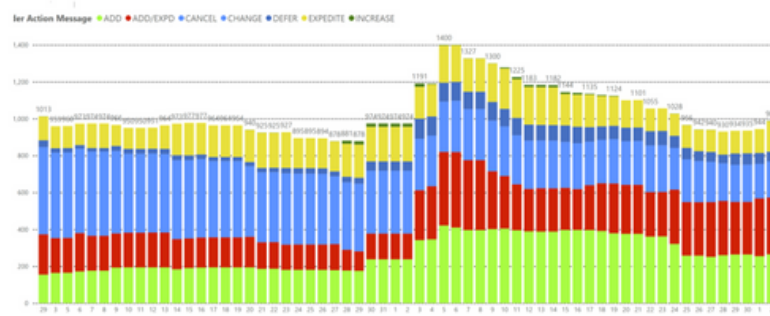
The Shift: Execute with Precision

After aligning leadership and designing a granular plan, we moved to Implementation Execution - turning strategy into daily discipline. Our mission: equip buyers, schedulers, and supervisors with tools and routines to stabilize supply, streamline work, and eliminate firefighting. The secret sauce? Hands-on training and 1:1 coaching to ensure every change stuck.

How We Rewrote the Story

1. Buyers Take Control with Smarter Tools

We handed buyers a lifeline: the Power BI Planning Action Report, consolidating quantities, due dates, and reason codes into one view—no more six-screen ERP hunts. The Buyer Master dashboard added instant visibility into lead times and MOQs. Through 1:1 coaching, buyers mastered exception-driven routines. We also rolled out repetitive supply, automating 50% of releases (900 parts) to shift focus to supplier performance. By project's end, expedites dropped 47%.



Power BI Planning Action Report

2. Demand Visibility Becomes Reality

No more guessing. We loaded sales forecasts into MacPac (weekly buckets, extended from 14 to 52 weeks) and generated component forecasts, shared via Power BI while EDI scaled. Buyers were trained to send forecasts and open-order reports on a fixed cadence, giving suppliers a clear look-ahead and aligning the plant with the mirrors supply base's repetitive model.

3. Master Data: From Wild West to Governed

Missing lead times and ad-hoc changes were killing planning. We built a controlled process: error-check reports, Excel templates, role-based access, and simulation workshops to test parameter combos. Through targeted training, we certified master-data editors on “test-before-release” protocols, ensuring updates were validated and auditable. Daily leader routines, coached on-site, kept issues visible and actionable.

4. Clear-to-Build and Time Back to the Floor

We introduced a clear-to-build gate to stop work orders with known shortages. Planning fences and ERP-linked nesting optimization reduced schedule churn. Supervisors, freed from hours of manual prep, got a shipping/packing tool auto-generating 30+ operator handouts, plus calculators for safety stock and order prioritization. Coaching ensured they used these tools to lead people, not paper.

Training & Coaching: The Glue That Holds It Together

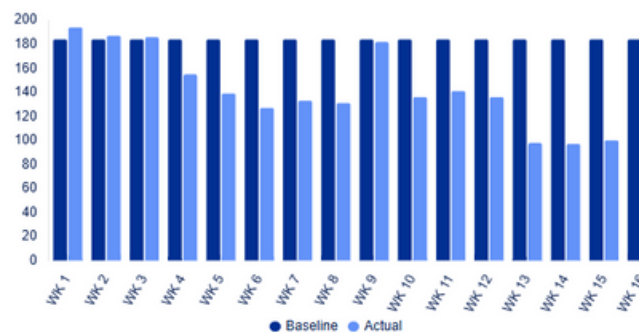
This wasn't about dropping off tools. We embedded capability:

- **Buyers:** 1:1 sessions to master repetitive supply, exception-driven workflows, and the Buyer Instruction Manual for continuity.
- **Master-data teams:** Workshops to simulate and validate changes, with documented job aids.
- **Schedulers & Supervisors:** Floor-based coaching on clear-to-build, planning fences, and efficiency tools to shift focus to leadership.

Every role was coached until new behaviors became second nature, with refresh cadences set to sustain gains.

What Leadership Saw

- **Less Firefighting:** Expedites cut by 47% by project's end.
- **Automation Took Hold:** 50% of releases (900 parts) set to auto-generate, letting buyers focus on strategy.
- **Supervisors Led Again:** Automated tools cut hours of admin, returning focus to the floor.
- **Risk Moved Upstream:** Clear-to-build and forecasts surfaced issues before they hit production.



Material Shortages Down 47%

This isn't a tech fix—it's a behavior shift. Buyers now plan with foresight, schedulers gate work with confidence, and supervisors coach with real-time visuals. Implementation Engineers doesn't just design solutions; we execute them side-by-side, coaching your teams to own the system. It's a repeatable model that scales across lines and model changes, turning strategy into measurable value.

Let's Turn Your Vision Into Results

At Implementation Engineers, we don't just execute projects - we transform your vision into operational reality. Our proven 3-phase approach - **Align, Design, Execute** - delivers lasting value, from aligning your team on strategic goals to optimizing operations and driving measurable outcomes. Whether you're aiming to lead your market, boost efficiency, or maximize shareholder value, we're here to make it happen, step-by-step, side-by-side.

Ready to Get Started?

Let's explore how we can bring your vision to life. Contact us today to schedule a conversation. Together, we'll chart the path to your success.

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