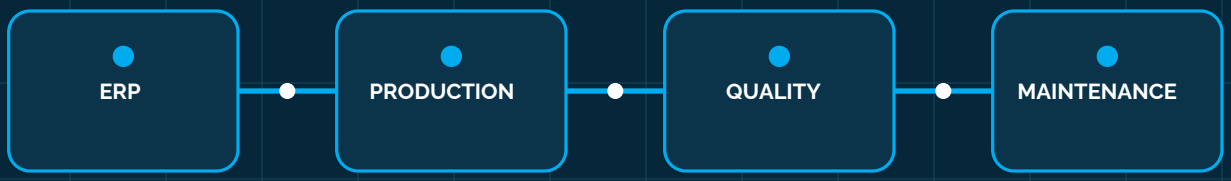
2026 EDITION

The Tier-1 Automotive Shop-Floor Cost Leakage Scorecard

A 10-minute diagnostic to uncover hidden losses across production, quality, maintenance, traceability and ERP integration.

20 QUESTIONS | 5 CATEGORIES | 1 CLEAR STARTING POINT



FunnelCloud Shopfloor™

Built By Automotive, For Automotive

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START HERE

How to use the scorecard

Score the current, typical state of your operation - not the future plan or best-performing pilot.

Rate every statement from 0 to 3

0
Not in place
No reliable capability, evidence or ownership.

1
Manual / reactive
People find the problem after impact has begun.

2
Partial / inconsistent
Capability exists, but varies by line, shift or plant.

3
Real-time / standardized
Trusted information drives timely, repeatable action.

For the most useful result

- Include Operations, Quality, Maintenance, IT and Finance when possible.
- Ask for evidence. If the answer depends on one person or spreadsheet, score conservatively.
- Use the lowest repeatable state across normal shifts - not the best day or newest line.
- Write down the business consequence beside any score of 0 or 1.

What to have nearby

- Recent shift or production report
- Downtime and maintenance history
- Traceability or containment example
- ERP reconciliation process
- Scrap and delivery performance data

What you will leave with

- A total score out of 60
- Five category scores out of 12
- Your weakest operational link
- A practical 90-day priority

This directional diagnostic is not an industry benchmark, certification assessment or formal IATF audit.

Automatic totals require Adobe Acrobat Reader or another PDF viewer that supports form calculations.

SECTION 1 OF 5

Production Visibility & Performance

Can the plant see performance soon enough to change the outcome?

SECTION SCORE ____ / 12

1 Live production status

Target versus actual output is visible in real time by line, job and shift.

LOOK FOR No need to wait for end-of-shift reporting to know whether production is on pace.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

2 Early warning

Teams receive an alert before an order or line is likely to miss its target.

LOOK FOR Pacing, thresholds and exceptions expose risk while recovery time still exists.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

3 Minor stops and cycle loss

Microstops, reduced speed and cycle loss are automatically captured and classified.

LOOK FOR Short interruptions are included instead of disappearing from the downtime report.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

4 Machine versus operator time

Machine cycle time can be separated from operator load and unload time.

LOOK FOR The team can identify the true constraint and coach from objective evidence.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

0 = not in place | 1 = manual/reactive | 2 = partial/inconsistent | 3 = real-time/standardized

SECTION 2 OF 5

Quality & Traceability

Can the plant prevent, contain and prove quality performance without a scramble?

SECTION SCORE ____ / 12

5 Contextual quality data

In-process results are linked to the part, job, machine, operator and material.

LOOK FOR A defect can be traced to the conditions that may have caused it.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

6 Immediate containment

An out-of-spec result triggers prompt escalation, hold or production response.

LOOK FOR Suspect production does not continue unchecked while information moves manually.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

7 Fast genealogy

Part genealogy and the affected population can be retrieved in minutes.

LOOK FOR Serial, lot, process and quality relationships are searchable from one record trail.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

8 Controlled instructions

Operators receive current job-specific instructions and visual aids at the workstation.

LOOK FOR The approved revision is available at the point of work, not in an uncontrolled local copy.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

0 = not in place | 1 = manual/reactive | 2 = partial/inconsistent | 3 = real-time/standardized

SECTION 3 OF 5

Maintenance

Does maintenance act from production context, actual usage and reliable history?

SECTION SCORE ____ / 12

9 Connected work orders

Reactive and preventive work orders are tied to the asset, job and live production status.

LOOK FOR Maintenance can see what stopped, what was running and what output is at risk.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

10 Impact-based priority

Maintenance priority reflects production and customer impact - not request order alone.

LOOK FOR Bottleneck, schedule and shipment context help determine what should be addressed first.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

11 Usage-based prevention

Preventive work can be triggered by runtime, cycles or duty instead of the calendar alone.

LOOK FOR The timing of maintenance reflects actual asset activity and production conditions.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

12 Repeat-failure insight

Teams can identify recurring failures and review complete repair history quickly.

LOOK FOR Technicians see prior symptoms, fixes, downtime and follow-up without searching multiple systems.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

0 = not in place | 1 = manual/reactive | 2 = partial/inconsistent | 3 = real-time/standardized

SECTION 4 OF 5

ERP & Data Integrity

Do shop-floor events reach enterprise systems accurately, quickly and maintainably?

SECTION SCORE ____ / 12

13 Automated ERP transactions

Production, scrap, consumption and labour flow to ERP without manual re-entry.

LOOK FOR Validated transactions reach ERP close to the time the shop-floor event occurs.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

14 Trusted inventory and WIP

Inventory and WIP match floor activity closely enough to plan with confidence.

LOOK FOR Material planners do not need routine physical checks or spreadsheet corrections to trust availability.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

15 One operational truth

Operations, Finance and IT use the same numbers without a reconciliation meeting.

LOOK FOR The discussion starts with the problem, not a debate over which report is correct.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

16 Maintainable integration

Interface failures are visible and ERP or MES upgrades do not require reinvention.

LOOK FOR Transactions are monitored and integration mappings are standardized and supportable.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

0 = not in place | 1 = manual/reactive | 2 = partial/inconsistent | 3 = real-time/standardized

SECTION 5 OF 5

Cost & Continuous Improvement

Can the plant convert operating data into a prioritized, measurable improvement plan?

SECTION SCORE ____ / 12

17 Quantified loss

Downtime, scrap, speed loss and labour variance are categorized and quantified.

LOOK FOR The largest sources of avoidable cost and lost capacity can be ranked.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

18 Consistent definitions

KPI definitions and reason codes are consistent across shifts, lines and plants.

LOOK FOR Teams can compare performance without translating local spreadsheets and categories.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

19 Action over validation

Improvement teams spend more time fixing processes than validating the data.

LOOK FOR Trusted information supports root-cause work instead of repeated manual reconciliation.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

20 Business outcome

Leaders can link improvement actions to cost, throughput, delivery or customer impact.

LOOK FOR The plant can explain what changed, what it saved and whether the result was sustained.

SCORE ○ 0 ○ 1 ○ 2 ○ 3

0 = not in place | 1 = manual/reactive | 2 = partial/inconsistent | 3 = real-time/standardized

YOUR RESULT

Calculate and interpret your score

Add each category, then use the suggested interpretation to choose the first gap worth addressing.

Category scores

Production Visibility & Performance	/12
Quality & Traceability	/12
Maintenance	/12
ERP & Data Integrity	/12
Cost & Continuous Improvement	/12

TOTAL SCORE

/ 60

Your lowest category is usually more useful than the total. It points to the operational link most likely to create avoidable cost.

Suggested maturity interpretation

0-15	**Critical visibility gap**	Core events are manual, fragmented or unknown.
16-30	**Reactive**	Problems become visible after cost or delivery impact has begun.
31-45	**Partially connected**	Useful capabilities exist, but they are inconsistent or isolated.
46-54	**Proactive**	Most critical events are timely, trusted and actionable.
55-60	**Integrated and improvement-ready**	Focus shifts from finding data to optimizing outcomes.

These bands are a practical interpretation for this diagnostic, not an external industry benchmark.

NEXT STEP

Turn your score into a 90-day priority

Do not launch 20 projects. Choose one operational gap with a clear business consequence and measurable result.

LOWEST-SCORING CATEGORY

MOST URGENT BUSINESS CONSEQUENCE

METRIC TO IMPROVE

90-DAY TARGET

OWNER

REVIEW DATE

First action in the next 7 days

A simple 90-day sequence

1 Validate

Weeks 1-2

Confirm the gap, evidence, owner and business consequence.

2 Connect

Weeks 3-6

Close one high-value data, process or integration break.

3 Measure

Weeks 7-12

Track the result, standardize the method and decide what scales next.

YOUR SCORE IS A STARTING POINT

Want a second opinion on your results?

A focused conversation can help separate a process problem from a data, integration or systems gap - and identify the first issue worth fixing.

A 30-minute Shop-Floor Systems Gap Review includes:

- Review of your five category scores
- Identification of two or three likely cost-leakage points
- A practical discussion of process, integration and MES options

Book your gap review

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Explore FunnelCloud

FunnelCloud Shopfloor™

Built By Automotive, For Automotive

FunnelCloud Shopfloor is an Industry 4.0 MES built for Tier-1 and Tier-2 automotive suppliers. It connects production, quality and maintenance activity while keeping enterprise systems such as ERP in sync.

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