

AUTOMOTIVE COMMUNICATION INTELLIGENCE

See what changed. Know what it affects.

K-Matrix visualization, version comparison and runtime verification for complex automotive communication systems.



Visualize K-Matrix structure

Compare ECU / message / signal changes

Verify BLF / TTL logs

From K-Matrix versions to engineering insight.

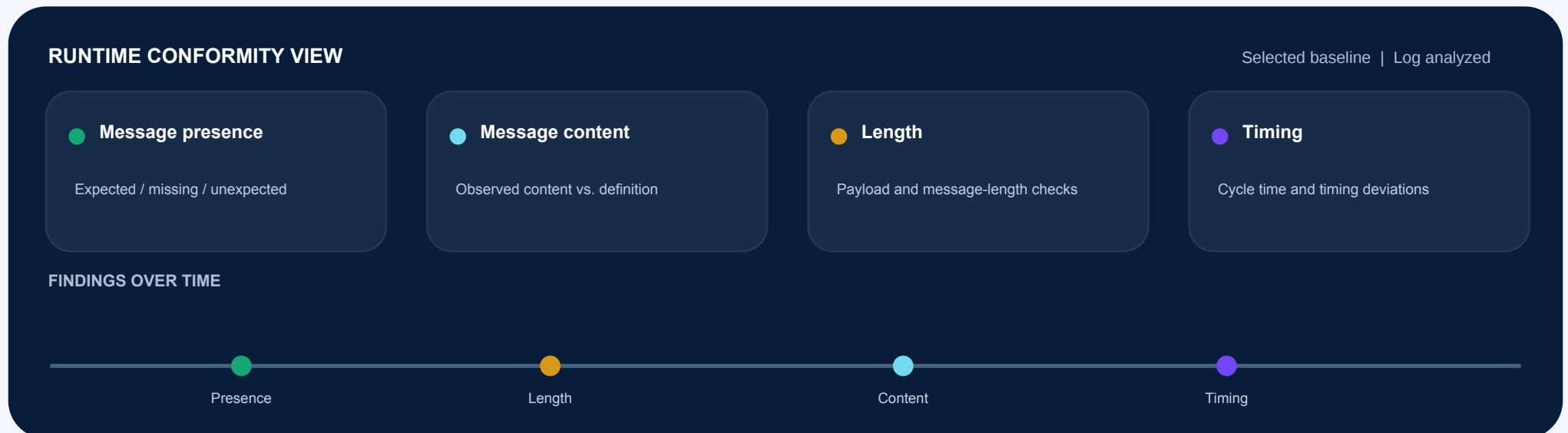
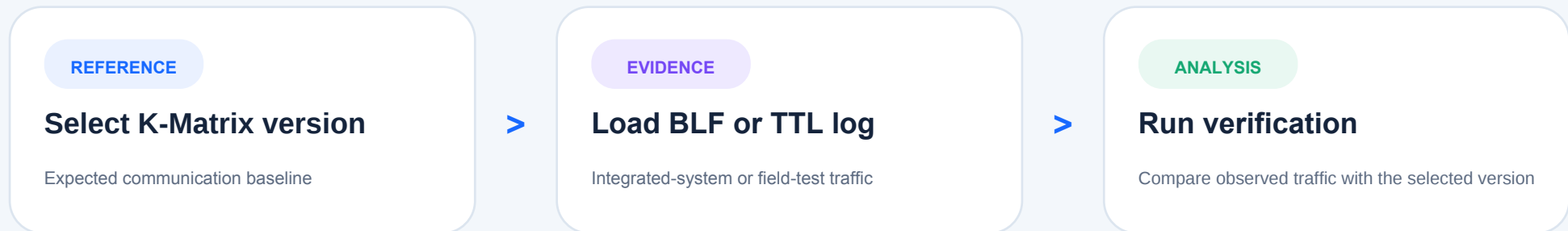
The primary value of K-Matrix Inspector is making version change visible, structured and explainable.



ANONYMIZED VERSION COMPARISON			Illustrative product view - no customer identifiers	
VERSION A	CHANGE	VERSION B		
ECU group	Changed	ECU group		
Message set	Added	Message set		
Signal definition	Changed	Signal definition		
Legacy route	Removed	-		

Does the implemented system conform to the selected version?

Use integration-system or field-test logs when you need a rapid, evidence-based view of actual software behavior.



Built for the moments when communication risk becomes delivery risk.

01

Build-to-build regression

Compare consecutive baselines and focus review on what changed.

02

Simulator to test bench to vehicle

Verify expected message presence and timing across test stages.

03

ECU-focused regression

Review incoming, outgoing and connected-message changes for a selected ECU.

04

Pre-delivery evidence

Create repeatable, version-aware evidence for engineering handoffs.

EXPECTED IMPACT

Faster

root-cause isolation

Less manual work

in repetitive trace review

Earlier

issue detection

Clearer

engineering handoffs

Bring two K-Matrix versions and one representative log.

Start with a focused product review covering comparison scope, affected communication elements and the most relevant verification checks.

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