



AuthentIQ uses Layered Voice Analysis (LVA) to evaluate risk by examining vocal qualities like stress, thought patterns, and emotional responses. It shifts the focus from what someone says to how they say it, capturing changes in brain activity that affect the voice. This allows AuthentIQ to assess a person's mental state, honesty, and risk factors with precision, offering a deeper understanding beyond verbal content.

[Employee Vetting](#)[Driver Wellness](#)[Insurance Claims](#)[Contact Us](#)

Ethical Employee Vetting

Traditional employee vetting methods often overlook nuanced human behaviour, leading to biases, compliance risks, and hidden issues, such as stress or dishonesty. AuthentiIQ's Layered Voice Analysis (LVA) technology identifies 151 paralinguistic signals to analyze integrity, wellness, and intent in real-time. It operates independently of language or culture, supporting ethical and unbiased vetting processes across industries and regions.

Vetting Applications

Pre-Employment Integrity Screening

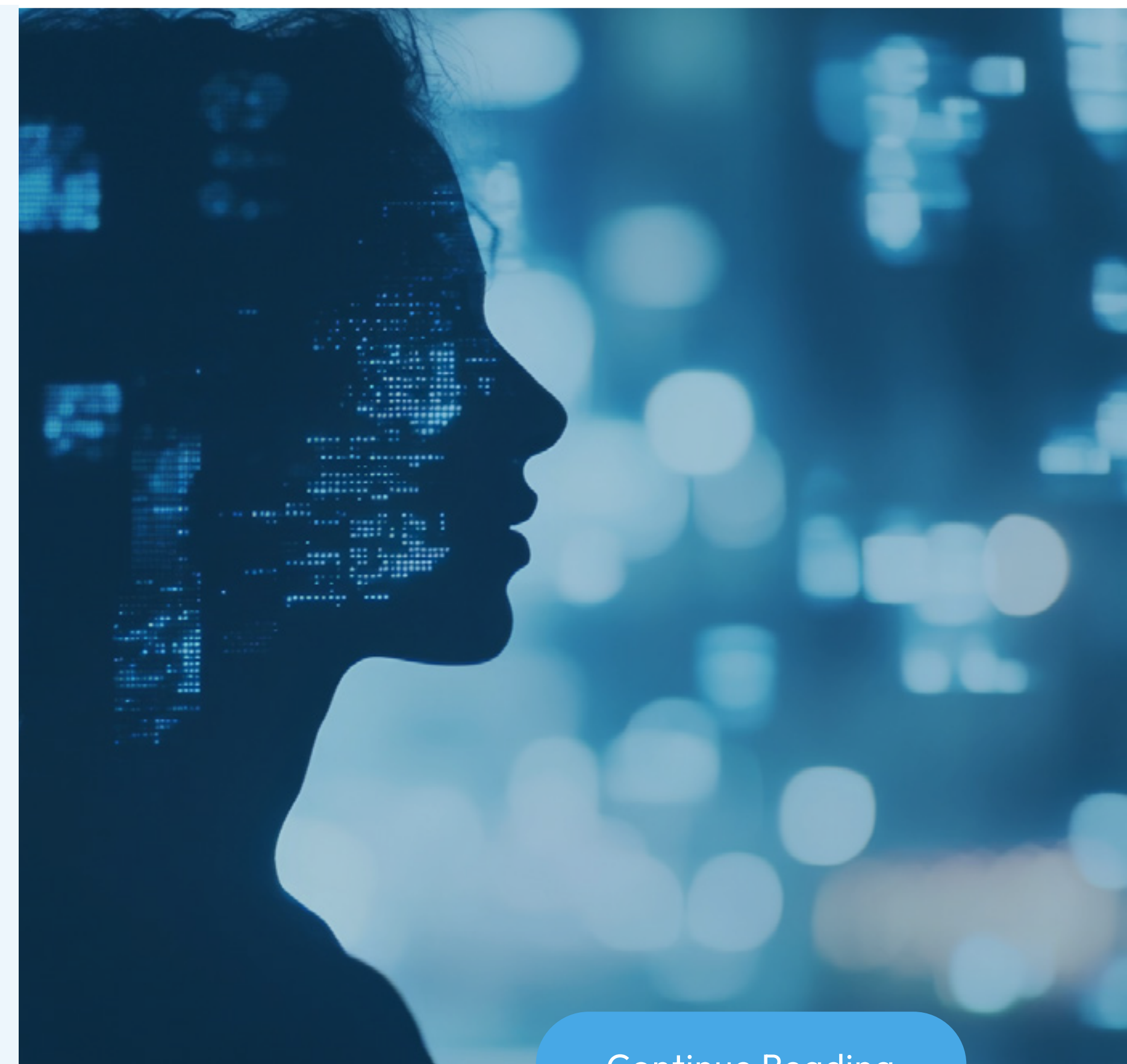
- Evaluate honesty indicators such as hesitation or cognitive effort during interviews or assessments to ensure candidates meet ethical standards.
- Supports compliance with UK FCA guidelines and accommodates diverse hiring requirements in regions like Latin America.

Post-Employment Wellness Monitoring

- Identify risks such as stress, burnout, or anomalies through non-intrusive surveys to promote workplace retention and reduce turnover in demanding roles.

Compliance and Governance Integration

- Produce traceable, data-driven insights for alignment with regulations, such as the UK SMCR or Latin American data privacy laws.
- Mitigate biases and enhance reliability in vetting and monitoring employees.



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Ethical Employee Vetting

Key Use Cases

Pre-Employment Screening:

Identify behavioural inconsistencies during candidate interviews, reducing vulnerabilities in insurance hiring by assessing honesty and stress levels. Demonstrated synergy with background verification efforts in recruitment processes (84.2% of candidates analyzed were found to be low risk).

Post-Employment Monitoring:

Detect stress and other risk factors quickly, as seen in wellness-related referrals where 23 high-risk cases were flagged in 48 hours. Applications extend to sectors like logistics to ensure workforce resilience.

Governance and Compliance:

Simplify adherence to regulatory frameworks like FCA/SMCR in the UK or privacy laws in Latin America, removing biases and supporting transparent hiring practices.

Cross-Use Case Value:

Integrate pre-employment vetting insights from LVA analysis into broader organizational hiring systems, enhancing candidate risk assessment and supporting informed recruitment decisions (15,8% low-risk candidate classification).

Regional Benefits

UK Insurance: Enhance integrity assessments for FCA/SMCR-regulated positions. The non-intrusive nature of AuthentIQ improves diligence while reducing human bias, helping streamline compliance processes.

Latin America: Address regional complexities like various legal standards and socio-economic biases with a language-agnostic solution. The tool ensures fair and scalable hiring practices in rapidly growing markets.

Cross-Market Advantage: Applicable across industries to promote efficiency, ethical practices, and workplace wellness, irrespective of regional or cultural differences.



How It Works

Candidates or employees provide voice responses through apps, calls, or surveys. AuthentIQ's LVA technology analyzes vocal cues related to stress, hesitation, or inconsistencies. The insights are shared in real time with HR or risk systems through secure API integration. The process is ethical, unbiased, and adaptable across diverse cultural and linguistic environments.

Enhancing Driver Wellness for Cash-In-Transit (CIT)

Assess Risks and Support Wellness with AuthentiQ's Real-Time LVA

LATAM's Cash-In-Transit (CIT) operations require drivers to navigate high-pressure environments with vigilance and endurance. Fatigue, stress, and cognitive strain can compromise safety and increase turnover in roles where operational integrity is critical. Regional challenges, such as Brazil's labour regulations and Mexico's security demands, add complexity to driver management. AuthentiQ's Layered Voice Analysis (LVA) technology identifies subtle vocal cues related to stress and fatigue, enabling fleets to proactively address wellness concerns and improve safety outcomes.

Driver Wellness Pillars

Fatigue and Stress Detection

- Monitor drivers during calls or pre-shift check-ins for indicators such as exhaustion or strain.
- Enables fleet managers to intervene before high-risk factors escalate.

Retention Through Wellness

- Use tech-enabled, personalized support systems to reduce turnover. Pilots have demonstrated notable improvements in retention through early detection and intervention.

Regulatory Compliance and Safety

- Incorporate auditable insights to align with regional labor laws, such as those in Brazil, fostering an ethical and scalable wellness framework.



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Proven Results in High-Risk Transport

AuthentiIQ has delivered significant safety and efficiency gains in logistics pilots, including operations adaptable to LATAM CIT contexts:

92% Success in Driver Assessments:

Out of 236 assessments, 217 yielded actionable insights, enabling continuous wellness monitoring without operational interruptions.

63% High-Risk Flags:

Stress and fatigue indicators were identified in over half of assessments, leading to preventive actions, follow-ups, and reduced fleet risks.

12% Retention Increase:

Improved driver management reduced turnover and fatigue incidents, reinforcing workplace stability and operational reliability.

Key Benefits for LATAM CIT Fleets

Improved Road Safety:

Early detection of stress-related risks reduces incidents, ensuring safer transportation of high-value cargo in volatile regions.

Operational Optimization:

Integrate LVA into CIT workflows, such as dispatch apps, to address anomalies during shifts and enhance compliance mechanisms.

Supportive Work Culture:

Promote retention by proactively addressing wellness challenges, fostering morale in high-turnover roles.

How It Works

Drivers respond naturally via mobile check-ins. AuthentiIQ's LVA technology analyzes vocal cues for signs of fatigue, stress, or cognitive strain. Insights are delivered to fleet systems through secure API integration, ensuring ethical monitoring aligned with operational needs.

Insurance Use Case

Short-Term Insurance

Transforming Insurance Claims with LVA Technology

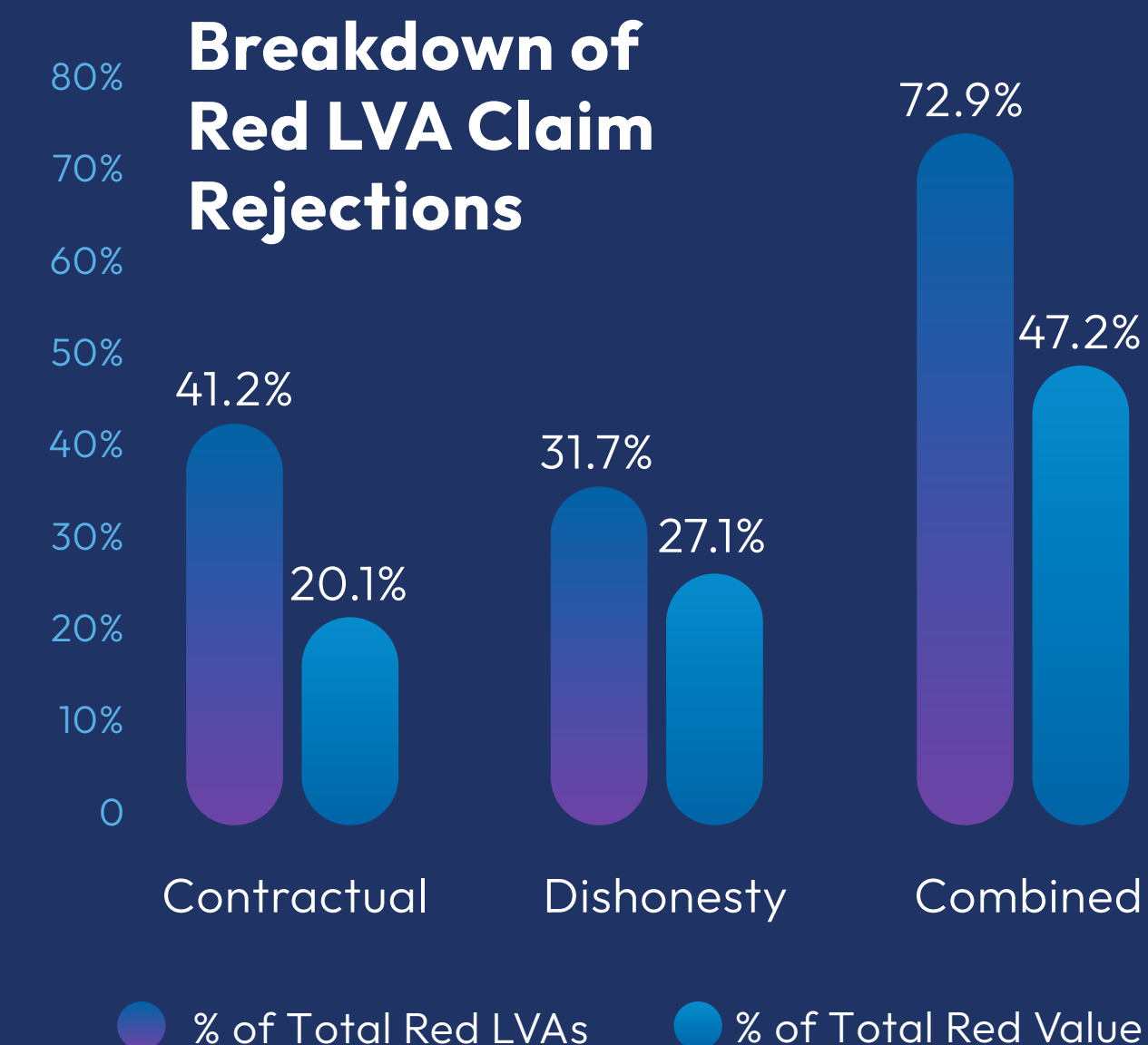
LVA technology has proven instrumental in helping UK insurers detect fraudulent claims with accuracy, saving time, resources, and preserving reputations. From January 2024 to July 2025, 679 claim assessments revealed transformative insights into fraud prevention and risk management, reshaping how insurers handle short-term property and commercial claims.

Insurer Benefits

Fraud Detection in Claims: Accurately verify policyholder honesty in property and large-risk commercial cases, aligning with FCA regulations.

Proactive Risk Assessment: Analyze claims and policy applications in real time, improving decision-making for complex risks.

Seamless Integration & Compliance: Ethically designed, non-biased, and language-independent technology fits existing systems, supporting staff wellness in high-stress roles.

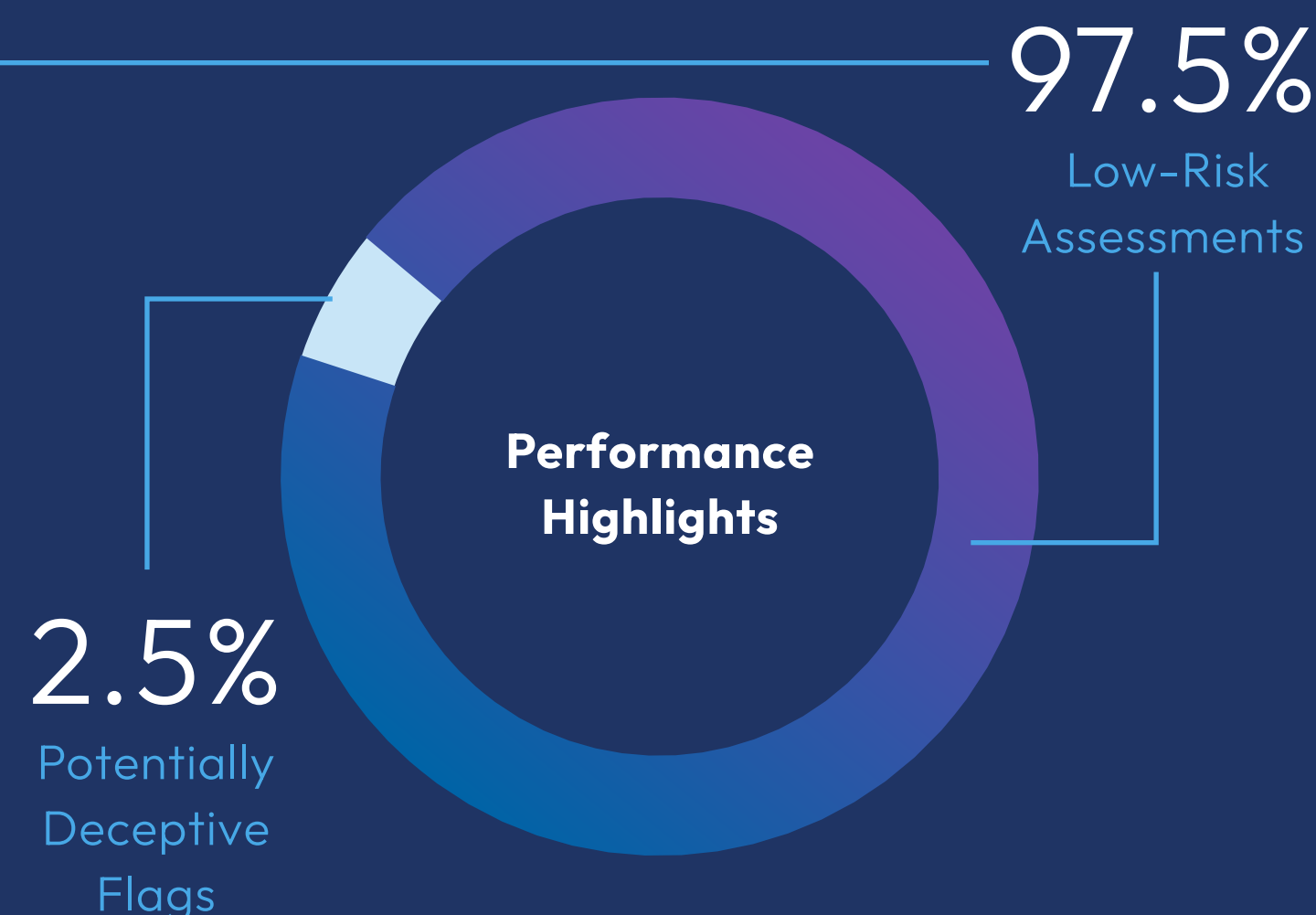


Performance Highlights (January 2024 - July 2025)

97.5% Low-Risk Assessments: Efficiently process the majority of claims, reducing administrative overhead and building trust to attract new customers in property and commercial sectors.

2.5% Potentially Deceptive Flags: Focus investigative efforts on high-risk claims, improving fraud detection where it's most impactful, particularly in commercial insurance (84.2% of assessed claims).

72.9% Rejection Rate on Red LVA Claims: Offlagged high-risk claims, 72.9% were rejected due to non-compliance, dishonesty, or unmet coverage, saving significant payouts and improving underwriting accuracy.



How It Works

Claimants interact via natural voice responses through calls, surveys, or apps. AuthentiQ analyzes vocal cues, such as stress or hesitation, to identify patterns and risks. Insights are securely delivered to insurer dashboards through AWS integration, enabling immediate action.



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