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Stratpoint's People-Assured Quality:

A Blueprint for Human-AI Collaboration

By Lyndon Catalan
Head of QA Business, Stratpoint Technologies



The Human-in-the-Loop Testing Framework in the Age of AI

The future of Quality Assurance is neither machine-led nor human-led; it is purpose-led. Our People-Assured Quality approach formalizes the interaction between AI and human expertise, guided by a **6-Step Human-in-the-Loop Framework**.

AI Suggests
AI tools analyze historical patterns, such as defects, impacted modules, and failure trends, and generate data-driven testing insights or recommendations.

QA Reviews
Human QA teams review the AI-generated suggestions, validate relevance, and enrich them with context, domain knowledge, and user-centered perspectives.

AI Learns
The AI model retrains itself using the human-curated data, becoming smarter and more aligned with real-world behavior.

QA Approves
QA finalizes and approves the test direction, scope, or decisions, reflecting both AI insight and human judgment.

Fresh Data Inflow
Every new execution generates fresh data — new defects, new failure patterns, and new test results — which flow back into the AI engine.

Cycle Restarts
AI uses the new information to generate sharper, more adaptive recommendations for the next testing cycle with more accuracy.

THE ULTIMATE RESULT: Client Trust
A continuous collaboration between AI and humans accelerates insight, enhances quality decisions, and strengthens client trust through consistent, meaningful assurance.

Guiding Principles: The Pillars of People-Assured Quality

These pillars provide the human direction needed to guide the technical cycle.

Pillar 1: Ethical Intent
Audit models for fairness and ensure test data respects user privacy.

Pillar 2: Empathic Design
Ask "who's on the other side of this release?" and prioritize human

Pillar 3: Evolving Leadership
Coach teams in responsible use of AI; question its outputs and own the final decision.

People-assured QA is when human judgment is placed in the loop.
It's not AI versus humans. It's AI plus humans.

www.stratpoint.com Stratpoint Technologies | lcatalan@stratpoint.com lyndonjason