The Business Cost of Unclear Requirements

Unclear requirements create delays, rework, compliance risk, and lost confidence. Scaling requirement quality provides measurable and repeatable ways to cut waste and strengthen delivery.

Industry Research

- **40-60% of defects** originate in requirements.
- Late fixes cost up to **10x more** than early reviews.
- Up to **30% of engineering effort** lost to rework.

ROI You Can Defend

- For a **10,000-line requirement document**, reducing manual review effort translates to approximately **$16,000 in cost savings.**
- When applied across **50 documents** per year, it scales to **$800,000 in savings**.
- In a **$10M development program**, preventing **25% of rework** can equal to **$2.5M in cost avoidance.**

QVscribe Impact

- **Efficiency in review:** Less manual checking, more high-value work.
- **Time savings:** Automated rewrites reduce manual fixes and standardize requirements language.
- **Reduced rework: Ambiguity caught earlier.**
- **Compliance support:** Objective quality evidence for audits.

Balance Automation & Human Expertise

- **A JIP33 Case Study:** Transitioned from manual to automated, standardized requirements, improving clarity, consistency and review speed.
- **Royal Canadian Air Force:** Cut review and update time by 50-75%, improved consistency, and accelerated decision-making.

Strategic Benefits

- **Predictability:** Reliable schedules and budgets.
- **Credibility:** Trust between engineers and leadership.
- **Scalability:** Value proven, adoption expands smoothly.
- **Talent focus:** Engineers spend more time solving, less reviewing.

Questions Executives Should Ask

- Are standards applied consistently across tools and regions?
- Can we show credibility before-and-after improvements?
- Do authors and reviewers see quality early, when changes are cheap?
- Is there a path to expand adoption without disruption?