# QCRCE Pte. Ltd. — Technical Introduction

**A small, R&D-driven AI engineering team in Singapore.** We build practical AI systems for business documents and knowledge. We test them with the same verification discipline we use in our own research.

## How we work: multi-AI collaboration with cross-review

- Several AI models from different vendors each do a defined job: extract, cross-check, or review. No single model's output is trusted on its own.
- Where independent models agree, the result is accepted automatically. Where they disagree, a person reviews it. Engineers own the design and the final sign-off.

## Research-grade verification

- **Preregistration:** before a run, we write down the hypothesis, dataset (with file hashes), metrics, and pass bars.
- **Independent replication:** a result is promoted only when a second, independent run agrees.
- **Evidence labels:** every claim is marked OBSERVED (one run), REPLICATED (independently confirmed), or PROPOSED (not yet tested).
- **Reproducible bundles:** inputs, code, outputs, and model settings are hashed and archived with each delivery.

## Services

- **Document extraction:** invoices, delivery orders, packing lists, bills of lading, and similar documents (PDF, scan, or photo) turned into structured Excel/CSV or ERP/TMS import files. Arithmetic checks run on every document. Each batch comes with a two-model cross-checked accuracy report.
- **RAG and knowledge assistants:** search and Q&A over your own documents. Answers cite their sources and are evaluated on your questions.
- **Pilots on your own data:** we report accuracy on your documents, not on ours.

## In-house R&D

We run a long-term research program in physics-based simulation and computing methods. It is the source of our engineering habits: careful measurement, independent checks, and honest reporting.

## Contact

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