

WORKING TEMPLATE

AI & robotics technical diligence checklist.

The evidence to request from early-stage and scale-up companies, claim by claim.

Company or project	Prepared by	Date

Claims and evidence

For each claim: the evidence and how far it holds. Distinguish demonstrated, reported and unverified claims.

CLAIM	EVIDENCE SOURCE AND DATE
STATUS Demonstrated / Reported / Unverified	REPRODUCIBILITY
LIMITATIONS	CONFIDENCE High / Medium / Low
UNRESOLVED QUESTION	PROPOSED VALIDATION

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Early stage

- ☐ Problem, user and why the proposed technology is necessary.

- ☐ Demo conditions, evaluation dataset, baselines and independent reproduction.

- ☐ Proprietary contribution versus third-party models, software and hardware.

- ☐ Data provenance, access rights, quality and dependencies; specialist legal review where needed.

- ☐ Team capability, ownership of critical knowledge and hiring gaps.

- ☐ Next technical milestone, experiment, resources and failure condition.

- ☐ Customer validation and assumptions behind the route to revenue.

Scale-up

- ☐ Performance across sites, users and edge cases; failures and incident handling.

- ☐ Integration effort per deployment and customer-specific engineering.

- ☐ Infrastructure, model, hardware, support and maintenance costs.

- ☐ Reliability, monitoring, security controls and update or change process.

- ☐ Manufacturing, supply-chain, service and capacity constraints for robotics.

- ☐ Deployment backlog, repeatability, engineering organisation and roadmap risks.

- ☐ Customer concentration and evidence supporting unit-economics assumptions.

Material risks

Management questions

Specialist-review needs

Recommended tests

Decision dependencies

 A checklist does not establish a company's investment merit and does not replace a company-specific technical assessment or specialist legal review.