CASE STUDY

AI-led Proposals Evaluation

GOVERNMENT MINISTRY

AI-powered evaluation of vendor proposals covering scoring, TRL classification and structured recommendations

WHY IT MATTERS

- 300+ proposals evaluated
- Multi-parameter weighted scoring engine
- TRL (Technology Readiness Level) classification
- Structured pros & cons per evaluation criterion
- Evaluation time reduced from weeks to hours

300+	12	9	90%+
Proposals	**Scoring Parameters**	**TRL Levels**	**Time Saved**
evaluated automatically	with configurable weights	classified per submission	vs. manual evaluation

AI AGENT WORKFLOW

Powered by Avintra

1 INGESTION

Proposal Document Intake

- PDF, Word & Excel proposals ingested
- API or shared-drive / email collection
- Multi-format, multi-language support

2 EXTRACTION

AI-led Content Extraction

- LLM reads full proposal documents
- Extracts key claims, objectives & data
- Identifies technology domains & scope

3 EVALUATION

Weighted Scoring & TRL Classification

- Scores each parameter per configured weights
- TRL level (1-9) assigned per submission
- Pros & cons generated for each criterion

4 BENCHMARKING

Cross-Proposal Benchmarking

- Proposals ranked by overall weighted score
- Side-by-side comparison across submissions
- Flags outliers and high-potential entries

5 HUMAN REVIEW

Expert Review & Override

- Human-in-the-loop validation workflow
- Evaluators can adjust scores with rationale
- Full audit trail maintained per proposal

6 REPORTING

Evaluation Reports & Dashboards

- Structured evaluation report per proposal
- Committee-ready summary dashboards
- Export to Excel / PDF for governance

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