MIXPEEK

Your Documents Contain Answers Your Search Can't Find

Multimodal AI retrieval for medical device regulatory documents

THE PROBLEM

60%	90%	0%
of RA/QA time spent	of table content	of diagrams
searching	**invisible to search**	**searchable today**

✗	Content inside FMEA tables	*"Find failure modes with RPN > 100"*
✗	Information in diagrams	*"Torque spec in assembly drawing"*
✗	Semantic meaning	*"Battery overheating" ≠ "thermal runaway"*
✗	Cross-document patterns	*3 similar MAUDEs, treated as unrelated*

THE SOLUTION: MULTIMODAL RETRIEVAL

Search across **text, tables, and diagrams simultaneously**—understanding meaning, not just matching keywords.

	MasterControl	Veeva	SharePoint	Mixpeek
Search inside tables	✗	✗	✗	✓
Search inside diagrams	✗	✗	✗	✓
Semantic understanding	✗	✗	✗	✓
Cross-doc patterns	✗	✗	✗	✓
Regulatory mapping	Ltd	Ltd	✗	✓

BENCHMARK RESULTS

Metric	Legacy DMS	AWS/Google	Mixpeek
Success rate	~90%	95-98%	**100%**
Cross-modal retrieval	15%	N/A	**92%**
Processing speed	N/A	100-250ms/pg	**14ms/pg**

TIME SAVINGS BY ACTIVITY

Activity	Today	With Mixpeek	Savings
Audit document assembly	3-5 days	2-4 hours	**90%+**
CAPA investigation	8-12 hours	1-2 hours	**85%**
Adverse event correlation	Manual	Seconds	**—**
IFU update impact analysis	4-6 hours	15-30 min	**90%**

ANNUAL ROI

Value Driver	Conservative	Expected
Direct time savings (500+ hrs @ $85/hr)	$42,500	$85,000
Avoided audit findings	$50,000	$100,000
Faster CAPA resolution	$50,000	$100,000
Reduced submission delays	$25,000	$75,000
Total Annual Value	**$167,500**	**$360,000**

Payback period: 3-6 months

IMPLEMENTATION: 4 WEEKS (NOT 18 MONTHS)

Week 1-2: Connect to your repositories. Ingest documents. No migration—we read from your systems.

Week 3: Configure regulatory mappings. Tune retrieval. Train your team.

Week 4: Pilot with specific use case. Measure time savings. Validate with SMEs.

WHO THIS IS FOR

Primary Buyers
- Director/Sr. Mgr, Regulatory Affairs
- Director/Sr. Mgr, Quality Assurance
- Head of Post-Market Surveillance

Use Cases
- Audit preparation & response
- CAPA investigation & root cause
- Adverse event correlation
- Submission document assembly

NEXT STEPS

Option A: Demo (45 min)
See multimodal retrieval on real FDA documents—510(k)s, recalls, MAUDE reports.

Option B: Pilot (2 weeks)
Test on your documents. Measure retrieval quality. Get time savings estimate.

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mixpeek.com | Multimodal AI for Regulated Industries