Real-time Literature Updates

🔄 Real-time Update Pipeline

PubMed API	Quality Filter	Auto Indexing	Vector Update
⊞ Polling	🔺 Validation	Processing	⊟ Hot-swap
Every 1 hour	IF > 2.0	~5 min/article	Zero downtime	✅

T+0	T+2min	T+7min	T+8min
~4,000 articles	~600 selected	600 indexed	Live in <30min
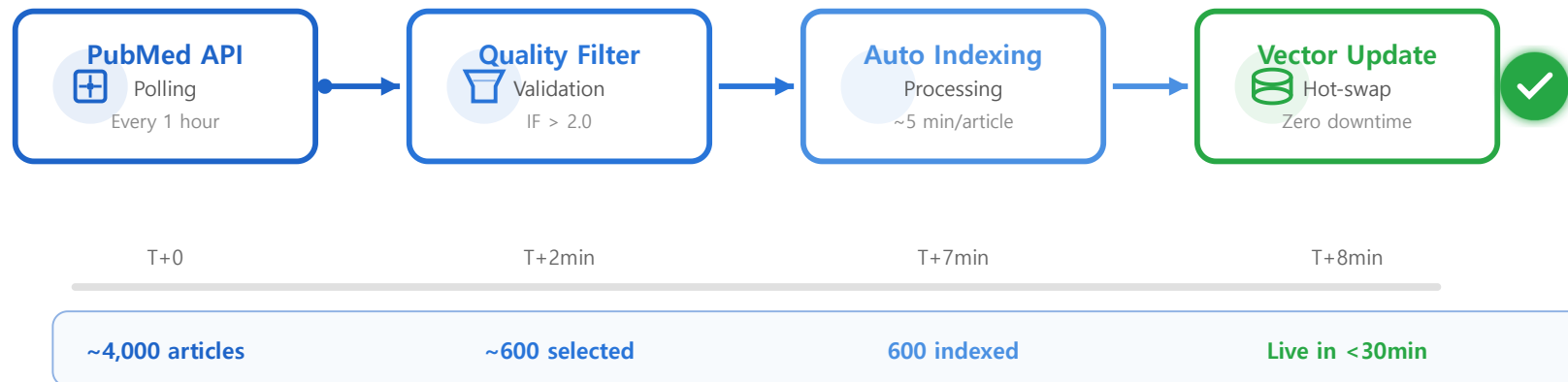
4,000+	<30min	99.5%
New articles/day	Detection latency	Indexing success

🔍 Quality Filters

✓ Peer-reviewed journals only	✓ Impact factor > 2.0
✓ Full-text availability required	✓ Duplicate detection algorithm