

Agent Framework Decision — Cheat Sheet

Fora Soft Learn · AI for Video Engineering

1 — The three frameworks

LangGraph	Low-level control runtime (graph of nodes + edges; durable state, persistence). LangChain is the fast high-level layer on top — create_agent runs on it. Both v1.0 (Oct 2025).
CrewAI	Role-based 'crew' of agents that collaborate. 'Flows' mode adds deterministic, auditable pipelines. Independent Python framework; per-execution pricing; AMP Cloud.
AutoGen	Now Microsoft Agent Framework (AutoGen + Semantic Kernel merged; 1.0 GA Apr 2026; Python + .NET). Old AutoGen is in maintenance mode. Natural fit for Azure / .NET shops.

2 — The 2025-2026 shift (read this first)

Change	Status
LangChain & LangGraph	→ v1.0 (Oct 22, 2025); no breaking changes until 2.0
AutoGen + Semantic Kernel	→ Microsoft Agent Framework, 1.0 GA Apr 3, 2026
Old AutoGen / Semantic Kernel	→ maintenance mode (fixes only, no new features)
CrewAI	→ added Flows (deterministic) + AMP Cloud platform on top of crews

Rule: if a comparison predates Oct 2025, distrust its version-specific claims

3 — Head-to-head (a starting filter, not a verdict)

	LangGraph(+LangChain)	CrewAI	MS Agent Framework
Mental model	graph of steps	team of roles	agents + workflows
Best at	reliable long flows	multi-agent teams	Azure / .NET shops
Language	Python, JavaScript	Python	Python, .NET
Pick it when	you need control	you think in roles	you live in Azure

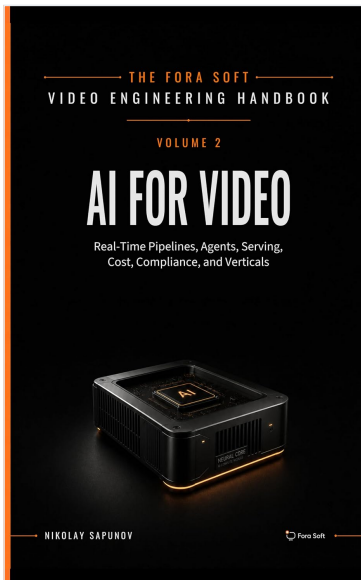
4 — What it costs (the pricing UNIT differs — map your usage first)

Product	Pricing
LangGraph Platform / LangSmith	free dev tier; Plus ~\$49/mo/seat; enterprise custom
CrewAI	per EXECUTION; ~50 free/mo; Pro ~\$25/mo; ent. custom
MS Agent Framework	free open-source; you pay for Azure when hosted

Reminder: map runs/day × days × sites onto the pricing unit BEFORE you commit

5 — How to choose: shape of work first, then team + cloud

- ☐ One open-ended loop, a few tools? LangChain create_agent (Mastra for TypeScript).
- ☐ Several specialists that collaborate? CrewAI crews.
- ☐ Long-running, branching, human approvals, must resume? LangGraph.
- ☐ .NET + Azure shop → Microsoft Agent Framework; Google Cloud → Google ADK.
- ☐ Start with ONE agent; add more only when one measurably cannot do the job.
- ☐ No single best framework — the convergence means a sane choice today rarely traps you.



GO DEEPER · VOLUME 7 OF 7

AI for Video: A Complete Guide to Intelligence in Video Products

From Real-Time Pipelines and Agents to Serving, Cost, Compliance, and Verticals

By Nikolay Sapunov, CEO at Fora Soft · 1,221 pages · Kindle & paperback on Amazon

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This sheet compares LangGraph, CrewAI and Microsoft Agent Framework by shape of work, team and cloud. Volume 7 goes under the framework choice: agent loop primitives, memory and tools, serving with vLLM, Triton and TensorRT, and cost per stream-hour for agents inside video products.

WHAT YOU WILL FIND INSIDE

- Agent frameworks and when each one fits
- Memory and tool design for long-running agents
- Serving infrastructure for agent workloads
- Cost per stream-hour for agent pipelines

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