# virtauto – Fusion Strategy Blueprint

This blueprint translates Vijay Govindarajan’s Fusion Strategy into a concrete roadmap for virtauto, aligned with LangChain’s agent-building framework. It defines stages, descriptions, outputs, and stakeholders to evolve virtauto into the Company of the Future.

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| Stage | Description | Output | Stakeholders |
| Define (Agentic Mission) | Identify a realistic agent use case and gather 5–10 scenarios. virtauto focuses on OEM-relevant agents such as Root Cause, Procurement, Supply Chain, Quality, Finance, Customer Insight. | Clear agent scope & concrete use cases (digital brain for OEMs). | Product Owner, Subject Matter Experts. |
| Design SOP (Fusion Workflows) | Create step-by-step workflows, breaking tasks into human-like procedures. Fusion approach: decompose monolithic ERP/MES/PLM into modular agent steps. | Clear workflows mapped to agent responsibilities. | Product Manager, Process Engineers. |
| Build MVP (Core Reasoning Prompts) | Develop prompts/decision logic for one core task per agent. Example: Root Cause Agent analyzes MES + QMS data to suggest 3 likely causes. | Agent architecture & reasoning core tested with static data. | Product Manager, AI & Prompt Engineer. |
| Connect & Orchestrate (Seamless Ecosystem) | Integrate live data sources (SAP, Teamcenter, MES, IoT, CRM). GEORGE (virtauto.OS) orchestrates tasks, dataflows & priorities. | End-to-end system with real-time data & orchestration logic. | Engineers, System Architects. |
| Test & Iterate | Systematically test agents on recall/precision, forecast accuracy, sentiment analysis. Introduce a Consistency Agent for cross-agent decision alignment. | Validated agents with systematically tested performance. | Product Manager, QA Engineer. |
| Deploy, Scale & Refine | Pilot rollout in OEM environments (e.g., BIW Door Line, Audit-App). Scale into an ecosystem with OEMs, suppliers, customers. Integrate blockchain for traceability. | Improved agent network with expanded ecosystem capabilities. | PM, Engineers, OEM Partners, Support Teams. |