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AI Revenue Operating Systems

WHITEPAPER

B2B SALES

Agentic AI in B2B Sales: How to Build the Revenue Operating Model for the Next Era of Growth

A practical guide to designing revenue workflows, AI agents, human approval points, and governance around the tools your team already uses.

AUTHOR

Gustavo Quiroga Agudelo

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The Shift Is Already Happening

Most B2B sales teams have experimented with AI. Copilots for writing emails. Chatbots for inbound routing. Automated sequences for cold outreach. Useful, but incremental.

Agentic AI is different. It doesn't just assist; it acts within a defined workflow. An agentic system can research a prospect, score their fit, draft personalised outreach, update the CRM after a call, flag a deal at risk, and route an approval request to legal across multiple systems. The important point is not that humans disappear. It is that routine execution becomes coordinated, visible, and governed.

> The numbers reflect the urgency. Grand View Research projects the global AI agents market to grow from **$7.6 billion in 2025 to $183.0 billion by 2033**. Gartner has named agentic AI as one of its top strategic technology trends, and predicts that by the end of 2026, 40% of enterprise applications will include task-specific AI agents.

This is not a future-state conversation. The organisations building agentic sales infrastructure today are establishing an advantage in deal velocity, pipeline coverage, follow-up discipline, and account capacity that will be hard to close later.

Most teams already have tools. The gap is coordination. This whitepaper synthesises findings from BCG, McKinsey, Gartner, Moveworks, Landbase, SuperAGI, Highspot, and related sales research to answer two practical questions: **How should you design your revenue operating model to use agentic AI well?** And **where should you start?**

What Makes Agentic AI Different from Automation

Before restructuring anything, it helps to be precise about what agentic AI actually is — because much of the confusion in the market comes from conflating it with earlier generations of automation.

Traditional CRM automation executes fixed, rule-based workflows: *if deal stage = Closed Won, send contract to DocuSign.* Generative AI assists humans with specific tasks: *write a follow-up email for this prospect.* Agentic AI does neither — it **plans sequences of actions, executes them across multiple systems, and adjusts based on outcomes**, all in pursuit of a defined goal.

An example: A deal conversion agent given the goal "accelerate this enterprise deal to close" might pull the account's CRM history, identify the missing legal sign-off, draft a pricing exception proposal based on deal context, route it to the right approver with supporting data, follow up on the deadline, update the opportunity stage when approved, and alert the AE. Humans still own negotiation, judgment, and final approval. The agent removes the coordination work that slows the deal down.

This goal-directed, multi-system execution is what separates agents from tools. It is also why the organisational implications are structural, not cosmetic.

Five AI Agent Types That Should Underpin Your Revenue Operating System

BCG's research across sales organisations points to five specialised agent types as core building blocks of an agentic revenue model. Think of these as workflow roles, not standalone tools.

1. Orchestration Agent

> The conductor. Breaks high-level revenue goals into sub-tasks, manages handoffs between specialised agents and human reps, monitors workflow progress, and escalates edge cases. Operates continuously across all deal stages and is the connective tissue of the system.

2. Lead Generation Agent

> Scores and prioritises target accounts using first-party behavioural signals and third-party intent data — funding events, executive changes, hiring patterns, technology additions, and digital engagement. Continuously updates targeting models from conversion outcomes so it gets sharper over time.

3. Qualification Agent

> Maps buying groups, identifies decision-makers, assesses account fit in real time against defined ICP criteria, and routes qualified accounts to human reps with full context. For transactional segments, it can handle more of the workflow. For complex enterprise deals, it acts as a co-pilot to the rep.

4. Deal Conversion and Pricing Agent

> Drafts proposals, pulls legal and finance inputs, optimises pricing based on deal context and comparable deals, coordinates internal approvals, and accelerates close. Humans retain negotiation and final approval; the agent removes all the coordination overhead.

5. Customer Success Agent

> Monitors product adoption metrics, flags churn risk based on usage and engagement patterns, triggers expansion plays from real-time data signals, and sequences renewal outreach. Human CSMs remain accountable for strategic relationships and executive conversations.

These five agent types are not individual tools. They are an interconnected system. A lead generation agent hands qualified signals to the qualification agent, which routes to the deal

conversion agent, which feeds outcomes back to improve the lead model. The value compounds when the agents, data, workflows, and human decisions are designed together.

The Future B2B Revenue Operating Model

From Functional Silos to Outcome-Based Workflows

> The traditional B2B sales organisation is built around functions: an SDR team, an AE team, a solutions consulting team, a customer success team. Each function hands off to the next, with RevOps trying to keep the data clean and the handoffs smooth.

In the agentic model, the operating model is designed around **outcomes**. Small, cross-functional teams or pods own a measurable revenue result end-to-end: "grow mid-market ARR in APAC," "convert enterprise trials to paid," "expand strategic accounts to multi-product," or "reduce enterprise renewal cost and commercial risk." They are supported by a portfolio of AI agents executing defined workflow steps. Humans own strategy, stakeholder relationships, decisions, and governance. Agents handle the repeatable coordination work.

This is not a radical departure from how high-performing sales teams already operate in practice. It is a formalisation of it, with AI creating execution capacity inside the tools the team already uses.

Two Commercial Contexts Need Different Designs

> Agentic sales design should reflect the commercial problem being solved. Kyroga.ai sees two common contexts where the operating model matters more than the tool choice.

Enterprise licensing and renewal negotiations involve multi-product, multi-year agreements, often with millions of dollars at stake. The AI system should help the customer map stakeholders, track vendor commitments, identify negotiation levers, compare contract terms, coordinate legal and procurement inputs, and surface commercial risks before they become locked into the agreement. Human executives, procurement, legal, security, and business owners remain accountable for the final decision.

SMB and mid-market revenue growth is usually about finding the bottleneck in the funnel: poor targeting, slow follow-up, weak handoffs, inconsistent proposals, low CRM trust, or unclear next steps. The AI system should help the team move faster and sell more consistently without forcing a new platform or adding unnecessary headcount.

Role-Level Human–Agent Pairings

> The traditional SDR → AE → AM career ladder does not disappear. It reorganises around what AI can and cannot do.

Role	What the Agent Handles	What the Human Retains
SDR / BDR	Cold prospecting, contact enrichment, outreach sequencing, follow-up cadencing, meeting scheduling	Intent interpretation, warm introductions, complex objection handling, relationship initiation for named accounts
Account Executive	Account research, competitive intelligence, CRM updates, content retrieval, draft proposals	Discovery conversations, executive relationships, deal strategy, negotiation, stakeholder orchestration
Solutions Consultant	Technical documentation retrieval, configuration checks, standard demo prep, proposal assembly	Complex solutioning, custom architecture, live executive demos, proof-of-concept ownership
Account Manager / CSM	Usage monitoring, churn alerts, renewal sequencing, upsell trigger identification	Executive business reviews, escalation management, strategic expansion conversations
RevOps / Sales Ops	CRM hygiene automation, pipeline monitoring, forecast anomaly detection, approval routing	AI governance, workflow design, intent model improvement, strategic analysis for CRO

The SDR role is undergoing the most acute change. AI SDR agents can conduct personalised outreach at scale across email, LinkedIn, and phone — functioning as an "always-on digital prospecting crew." This does not eliminate the SDR function; it shifts it toward AI orchestration and high-value engagement with the accounts the system flags as highest-intent.

RevOps Becomes the Revenue AI Operating Layer

> Revenue Operations is the function with the most to gain and the most to transform. The role evolves from reporting, territory management, and tool administration toward:

- Owning data quality across the full revenue stack (CRM, CPQ, ERP, intent data, contract lifecycle management)
- Curating and governing the library of AI agents and workflows
- Defining escalation rules and human–AI handoff points
- Monitoring agent performance for drift, scheduling review cycles, and expanding intent signal libraries
- Translating pipeline health signals surfaced by agents into strategic decisions for the CRO

The RevOps team that gets this right becomes one of the highest-leverage functions in the business, not because it manages tools, but because it manages the workflows, data quality, and decision rules that drive revenue.

Calibrating Autonomy to Deal Complexity

> One of the most consistent recommendations across the research is to match agent autonomy levels to deal complexity rather than maximising automation everywhere.

- **Transactional / SMB**: Agents can handle more of the workflow, including targeting, outreach, follow-up, meeting booking, and standard contract preparation. Humans should still set the rules, monitor quality, and step in when risk, brand, or judgment requires it.

- **Mid-market**: Agents handle qualification, scheduling, and nurture; humans lead discovery and negotiation.
- **Enterprise / strategic accounts**: Agents provide research, competitive intelligence, deal coordination, and CRM hygiene. Humans own strategy, C-suite relationships, and closing. Over-automating these deals erodes trust.

The business case for agent-led outbound in the SMB and long-tail segment can be particularly compelling. Landbase reported up to 7x higher outbound conversion rates and an 80% reduction in outbound costs versus traditional approaches. Those outcomes should be treated as source-specific examples, not universal guarantees, but they show why lower-value segments are often a logical place to test higher levels of automation.

Where to Start: Seven Priority Use Cases

Not all use cases are equal. The following seven are consistently identified as the highest-ROI, lowest-risk starting points — ordered by feasibility and speed to measurable return.

1. Account Research and Pre-Call Intelligence

> Agents synthesise CRM history, intent signals, recent news, executive changes, and competitive data into a pre-call brief that previously took 45–90 minutes of manual research per account, according to Moveworks. Immediate rep adoption because it solves a real daily pain. No buyer-facing risk.

2. Lead Scoring, Qualification, and Routing

> AI qualification agents score inbound and outbound leads in real time against firmographic, technographic, and behavioural criteria, then route them to the right rep with full context. SuperAGI has reported cases where AI-powered lead automation increased leads generated by 50% and improved conversion rates by 25%, with the conversion improvement tied to speed-to-lead automation and AI-driven follow-up. The underlying point is practical: responding within minutes, with context, is usually more valuable than adding more leads to a slow process. Directly measurable in MQL-to-SQL conversion.

3. CRM Hygiene and Opportunity Management

> ZoomInfo analysis cited by Landbase and Salesmotion estimates that sales reps waste 27% of their time, or roughly 550 hours per rep per year, dealing with inaccurate CRM data such as wrong numbers, bounced email addresses, and contacts who have changed roles. Landbase estimates the productivity loss at roughly $32,000 per rep annually, with bad data costing the average B2B company $12.9-15 million per year across direct spend, productivity, and missed revenue. Agents automatically update CRM fields after calls, summarise meetings, track opportunity progress, and flag missing next steps. The result is a CRM that reflects real deal activity and a forecast that CROs can actually trust.

4. Sales Content Retrieval and Personalisation

> Agents surface the right case study, ROI model, or pricing deck for each buyer's context, role, industry, and deal stage, with version control enforced. A rep preparing for a call with a finance leader can receive the current ROI calculator and relevant reference cases in seconds rather than spending 30 minutes searching and editing. Measurable in content usage rates and time-to-send. Directly improves the quality of buyer-facing interactions.

5. Cross-Functional Approvals and Quote-to-Close

> Deal momentum routinely stalls on pricing exceptions, legal reviews, and configuration sign-offs. Approval routing agents collect required documentation, send to the right reviewers with context, follow up on deadlines, and log every action for audit trails. BCG's Deep Customer Engagement AI solution, a real-world example of agentic deal conversion in practice, has delivered up to a 50% increase in customer acquisition, a 20% rise in upselling and cross-selling, and as much as 40% higher lifetime value from client portfolios. The safest way to use those figures is as evidence of upside when workflows, data, and adoption are well designed, not as a forecast for every deployment.

6. Pipeline Health Monitoring and Forecast Intelligence

> Monitoring agents flag stalled opportunities, missing next steps, and low buyer engagement against defined criteria, without requiring manual dashboard reviews. Highspot describes this as a way to scale revenue performance by giving teams live visibility into deal health. A deal agent can rank active accounts by risk, trigger opportunity alerts to the CRO, and track account health as it shifts in real time. Gives sales leadership real-time pipeline visibility and enables in-quarter course corrections before deals slip.

7. Agent-Led Outbound for SMB and Transactional Segments

> For segments where deal value does not justify significant rep time, agent-led outbound can be a high-leverage play. Landbase's GTM-1 Omni reported up to 7x higher outbound conversion rates and an 80% reduction in outbound costs versus traditional approaches. The agent identifies prospects, writes personalised outreach, runs multi-channel cadences, analyses responses, adjusts strategy mid-campaign, and books meetings directly into rep calendars. Humans define the target market, messaging boundaries, escalation rules, and quality controls. The opportunity is net-new revenue from the long tail without pretending that every sales motion should be fully autonomous.

Kyroga.ai Addition: Enterprise Licensing and Renewal Negotiation

> For large enterprise customers, one of the highest-value applications is not prospecting. It is negotiation control. A licensing negotiation agent can help map internal stakeholders, compare vendor proposals, track entitlements, identify commercial and contractual risks, prepare negotiation briefs, coordinate legal and procurement inputs, and maintain an audit trail of

> decisions. The value is not replacing procurement or legal judgment. It is giving the customer a more organised view of the negotiation so the vendor no longer holds the process advantage.

The 70/20/10 Rule: Why Most Implementations Fail

Here is the most important single insight in this whitepaper.

BCG's research across sales transformation programmes found that successful agentic AI implementations allocate effort as follows:

- **70%** on people and process change
- **20%** on technology and data infrastructure
- **10%** on AI algorithms

Most organisations invert this ratio. They spend most of their budget on tools and technology, and almost nothing on redesigning processes, retraining roles, and managing change. Gartner predicts that over 40% of agentic AI projects will be cancelled by the end of 2027, with cost, unclear business value, and insufficient risk controls among the major reasons. The issue is rarely the model alone. It is usually the operating model around it.

The single largest practical prerequisite is data quality. B2B contact data decays quickly as people change roles, companies restructure, and buying committees move. Launching agents on a typical CRM without remediation is a recipe for agents that prospect existing customers, trigger duplicate outreach, and produce pipeline data no one trusts. Data remediation before go-live is not optional. It is the foundation.

A Phased Deployment Roadmap

Phase 1: Diagnostic and Readiness (Weeks 1–4)

> Start with the business problem, not the tool. Map current workflows from lead capture through renewal, or from renewal planning through final licence agreement for enterprise licensing customers. Identify the five highest-friction, highest-volume stages. Run a CRM and data quality audit: deduplicate records, validate contacts, and define a unified data standard across marketing, sales, finance, procurement, and legal where relevant. Define human-AI handoff rules: qualification thresholds, escalation triggers, approval gates, and ownership clarity by deal type.

Phase 2: Operating System Design and Configuration (Weeks 4–12)

> Make the build-versus-buy-versus-hybrid decision. Off-the-shelf agents work well for common functions such as lead scoring, CRM hygiene, and meeting summaries. Custom workflows are justified where the process itself creates advantage, such as enterprise licensing negotiation, proposal strategy, RFP response, or complex approval routing. Connect the chosen agents to CRM, CPQ, intent data, contract management, document repositories, and communication platforms. Set success metrics per workflow, not just per tool.

Phase 3: Controlled Pilot (Weeks 8–20)

> Deploy one or two agent types in a defined segment, for example Lead Generation and Qualification for mid-market accounts in a specific region, or Licensing Negotiation Support for a major renewal. Keep human oversight high in the first two weeks, reviewing agent decisions daily. Track baseline metrics: response rates, conversion rates, time-to-engage, SDR hours recaptured, approval cycle time, renewal savings, or commercial risk reduction depending on the use case. Address adoption directly: frame agents as execution support, not replacement.

Phase 4: Validate, Expand, and Govern (Month 5 onward)

> Validate pilot data against baseline before scaling. Expand to additional agent types once the first workflow is stable. Implement governance: weekly performance monitoring, review cycles, prompt and workflow versioning, continuous signal library expansion, and clear approval thresholds. A Forrester study of Salesloft's agentic workflows documented a 152% increase in pipeline and 236% three-year ROI by Year 3. Those results are achievable only for organisations that invest in the people, process, and data work around the technology.

What to Watch Out For

Risk	Root Cause	Mitigation
Agents prospecting existing customers	Stale CRM records, unmerged duplicates	Data remediation before go-live; automated validation rules
Buyer experience breakdown	Over-automation of complex deals	Calibrate autonomy to deal complexity; explicit escalation triggers
Rep resistance	Fear of replacement; clunky integration	Frame agents as admin removal; integrate into existing tools; show measurable wins in pilot
Model drift	No governance rhythm	Weekly monitoring; review cycles; RevOps ownership of AI governance
Compliance violations	Agents acting outside regulatory guardrails	Human oversight gates; audit trails; mandatory approval thresholds for high-risk decisions
Shadow AI proliferation	Fragmented tool decisions	Central revenue AI operating layer; unified data rules; deliberate build-buy decisions
Weak commercial outcomes	Tool-first implementation	Diagnostic-first scoping; workflow redesign before automation

The Bottom Line

Agentic AI in B2B sales is not about replacing sellers. It is about giving every seller the research capacity of an analyst, the follow-up discipline of an SDR, the data hygiene of a dedicated ops person, and the pipeline visibility of a real-time dashboard, while keeping human judgment where it belongs.

The sales organisations that will win over the next three years are not those that buy the most AI tools. They are those that redesign their workflows around measurable outcomes, invest heavily in data quality and adoption, calibrate agent autonomy carefully to deal complexity, and build a revenue AI operating layer that governs and continuously improves the system.

The technology is ready enough to create leverage. The question is whether the organisation can connect its tools, data, workflows, and human decisions into a coordinated revenue engine.

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Gustavo Quiroga Agudelo is a senior technology and fintech sales professional based in Sydney, Australia, specialising in banking technology, payments infrastructure, and enterprise sales across Asia-Pacific.

Kyroga.ai designs and implements AI revenue operating systems that connect sales tools, data, workflows, AI agents, and human decisions into coordinated revenue execution.