

Autonomous Sales Manager: The "Instant-Close" Agent

Executive Summary

The **Autonomous Sales Manager** is not a chatbot; it is a **fiduciary agent** with pre-assigned financial authority.

The Market Gap: Competitors like Supy and KASO have digitized the *request* process (e.g., sending digital RFQs), but they still rely on human suppliers to review and approve bids, creating a response lag of hours or days. **The Solution:** This Agent replaces the "Review Queue" with an "Instant Authority Engine," allowing it to negotiate, discount, and close deals in milliseconds within strict margin guardrails set by the supplier.

1. The Core Innovation: "Permission, Not Process"

The "Old" Flow (Competitors - e.g., Supy RFQ)

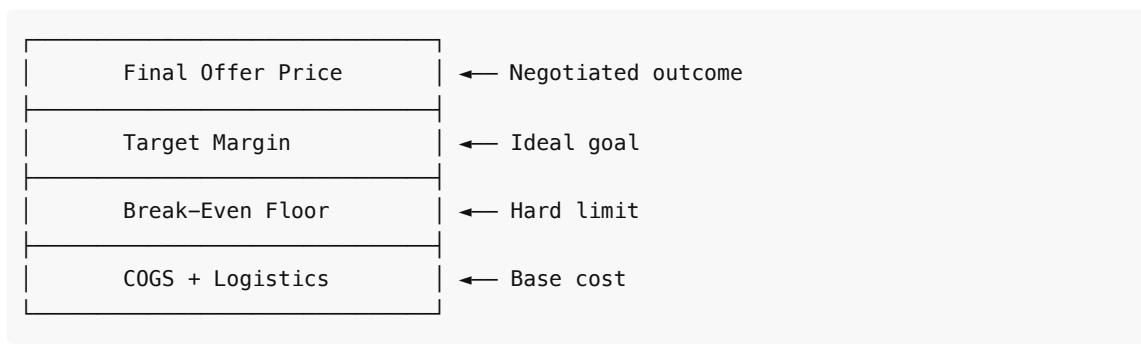
1. **Chef:** Requests price for 50kg Salmon.
2. **Platform:** Sends notification to Supplier Sales Team.
3. **Supplier Human:** Sees notification → Checks stock → Calculates margin → Types reply.
4. **Result: 2-4 Hour Delay.** (Chef buys from whoever answers WhatsApp first).

The "Project X" Flow (Instant Authority)

1. **Chef:** Requests price for 50kg Salmon.
2. **Agent:**
 - o Checks Live Inventory (ERP Integration).
 - o Checks "Floor Price" Limit (e.g., minimal 15% margin).
 - o Checks Chef's "Credit Score" (Payment History).
3. **Agent Action:** Instantly generates a binding quote.
 - o "*List is AED 60/kg. Since you pay on time, I can authorize AED 55/kg valid for 1 hour.*"
4. **Result: 3 Second Response.** Deal Closed.

Pricing Logic Authority Stack

To enable "Instant-Close," the Agent uses a pre-calculated stack of authority. It never needs to "ask a manager" unless the buyer demands a price below the Floor.



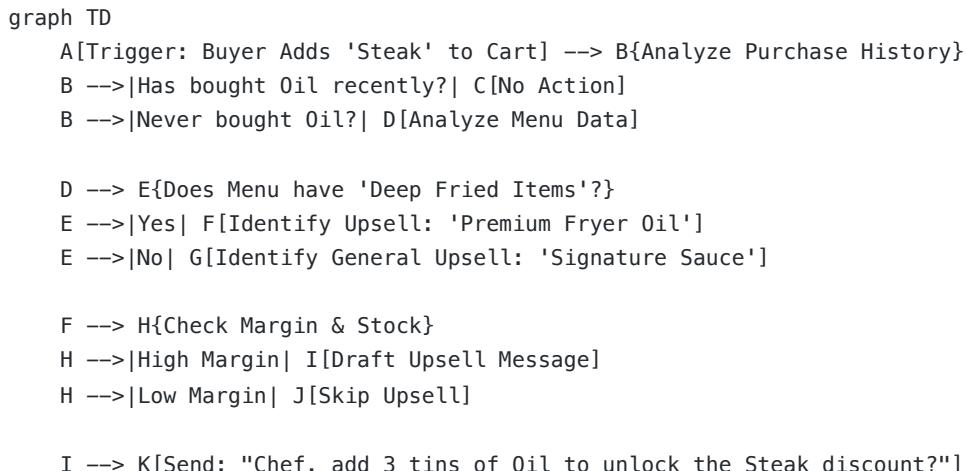
2. Capability Modules

Module A: The "Basket-Aware" Negotiator

Problem: Human sales reps negotiate one item at a time, often losing margin. **Solution:** The Agent negotiates the **Total Cart Margin**.

- **Scenario:** Chef wants a discount on **Premium Steak** (Low Margin).
- **Agent Logic:**
 - "I cannot discount the Steak alone."
 - Scans *Supplier Catalog* for High-Margin complements (e.g., Fryer Oil, Beverages).
 - Scans *Chef's Menu* for relevance.
- **Agent Reply:** "I can't drop the Steak price, Chef. BUT, if you add 3 tins of Fryer Oil (which you usually buy anyway), I can apply a 'Bundle Discount' that brings the Steak down to your target of **AED 140**."
- **Outcome:** Upsell achieved + Margin protected.

Visualizing the Upsell Logic



Module B: The "Distressed Inventory" Liquidator

Problem: Suppliers mass-blast "expiry lists" via WhatsApp, looking desperate. **Solution:** Targeted, scarcity-driven "Flash Deals."

- **Trigger:** 200kg of Mushrooms expiring in 72 hours.
- **Agent Action:**
 - Identifies 20 Chefs who have "Mushroom Soup" on their menu (via Project X Menu Data).
 - Sends a **Structured Interactive Message** (Not just text).
- **The Message:**

Flash Deal: Portobello Mushrooms

 - **Status:** Critical (2 Days Shelf Life)
 - **Price:** ~~AED 40 \$~~ to \$ **AED 15/kg**
 - **Condition:** First come, first served.

[Tap to Secure 10kg] [Dismiss]
- **Outcome:** Frictionless liquidation. No typing required for the Chef.

Module C: The "Smart-Draft" (Retention Engine)

Problem: Sales reps wait for orders. If the Chef forgets, the sale is lost to a competitor. *Solution:* Predictive Order Placement.

- **Logic:** System detects Chef orders Flour every Tuesday. It is Tuesday 10:00 AM, and no order exists.
- **Agent Action:**
 - Drafts the usual order.
 - Checks for out-of-stock items and auto-swaps with "Verified Substitutes" (handling the SKU Normalization issue).
- **Message:** "Chef, noticed you haven't sent the Tuesday order. I've drafted your usual 50kg Flour + Sugar. I swapped the 'Brand A' Sugar for 'Brand B' (same spec, cheaper). Total: AED 450. Ready to ship?"

[**Approve Order**]

3. Technical Implementation Strategy

Phase 1: The "Guardrails" Dashboard (Supplier Admin)

Before the AI talks, the Supplier must trust it.

- **Config:** Set "Minimum Margin %" per Category.
- **Config:** Set "Max Discount Authority" per Customer Tier.
- **Override:** "Escalate to Human if deal > AED 10,000."

Phase 2: The WhatsApp/Channel Integration

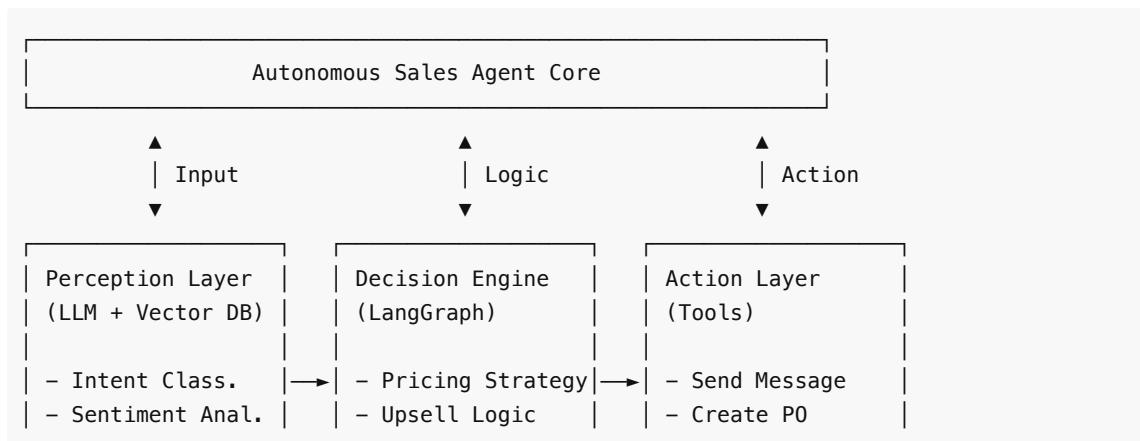
- Use **WhatsApp Business API** for "Interactive Buttons" (List Messages, Reply Buttons).
- *Why?* Chefs do not want to type negotiation sentences. They want to click "Accept" or "Counter."

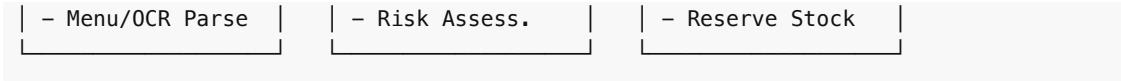
Phase 3: The POS Data Hook (The Moat)

- Integrate with Project X's POS data stream to see what the Chef is *selling*.
- *Usage:* If Chef sells 50 Burgers/day (tracked via POS) but hasn't ordered Buns in 4 days, the Agent triggers a "Stockout Warning" sales pitch.

Agent Cognitive Architecture

How the "Instant-Close" brain processes signals:





4. Financial Layer: E-Invoicing & Smart Collections

Addressing the critical "Payment Gap" for suppliers.

Automated E-Invoicing

Most suppliers struggle to convert WhatsApp orders into tax-compliant invoices.

- **Trigger:** "Deal Closed" event.
- **Action:** Agent instantly generates a ZATCA/FTA-compliant E-Invoice (XML+PDF) and sends it to the Chef via WhatsApp + Email.

"Smart Collections" Logic

The Agent doesn't just sell; it ensures payment.

- **D-Due Date:** Agent sends a "Statement Summary" with a "Pay Now" link.
- **D+5 Late:** Agent changes tone from "Sales Rep" to "Account Manager."
 - "Hi Chef, just a gentle reminder on Invoice #9921 (AED 450). Can we settle *this* today so I can unlock your credit limit for the weekend orders?"

5. The "Agent Performance" Dashboard

Suppliers need to see that the AI is performing better than a human sales agent. This dashboard treats the AI as an "Employee."

Key Metrics Tracked

Metric	Description	Human Benchmark (Avg)	AI Benchmark (Target)
Response Time	Time to reply to quote	4 Hours	< 3 Seconds
Win Rate	% of Quotes turning to POs	15%	35%
Revenue Recovered	Value of distressed stock sold	AED 5,000/mo	AED 25,000/mo
Upsell Conv.	% of Carts with addons	2%	12%

Visualization

- **"The Leaderboard":** Shows the "Autonomous Agent" ranked alongside human sales reps (often outperforming them).
- **"Missed Opportunity Log":** Shows deals the AI *didn't* close, with reasons (e.g., "Price too high vs Competitor"), providing market intelligence to the Supplier.

6. Summary of Value

Feature	Competitor (Standard)	Project X (Autonomous)
Quote Response	Human Review (Hours)	Instant Authority (Seconds)
Negotiation	Item-by-Item	Basket/Bundle Optimization
Liquidation	Mass Broadcast	Targeted Menu-Matching
UX	Chat/Texting	One-Tap Action Buttons
Invoicing	Manual/External	Instant E-Invoice + Payment Link