EN

GTC 2026 — Post B2

NemoClaw + OpenClaw: BOTUM Stack

GTC 2026 Series · BOTUM Analysis · March 2026

March 2026

Table of Contents

Introduction

At GTC 2026, NVIDIA made a splash. Among the most impactful announcements: NemoClaw, a security and governance layer for enterprise AI agents. But what few people know is that the technological foundation of NemoClaw — OpenClaw — is an open source project that BOTUM was already running in production well before NVIDIA showcased it to tens of thousands of developers.

---

1. The Genesis of OpenClaw: Peter Steinberger's Vision

OpenClaw was born from the vision of Peter Steinberger. His philosophy: AI agents must operate within a structured environment, with persistent memory, modular skills, and a defined workspace. No more agents wandering without context or constraints.

What made OpenClaw go viral: an elegant architecture, accessible documentation, and real extensibility. It became the most-starred open source project in the AI agent ecosystem.

At GTC 2026, Jensen Huang described it as "the most popular open source project in the history of humanity".

---

2. What OpenClaw Actually Does

Workspace

Each agent has a persistent workspace: files, memory, configuration. The agent can read and write between sessions, learning and adapting over time.

Skills (Modular Capabilities)

Skills are reusable modules that extend an agent's capabilities — connectors to external APIs (Gmail, Notion, Slack), specialized CLI tools, or specific business logic. Defined via SKILL.md files.

Autonomous Agents

OpenClaw enables deploying agents that run autonomously, respond to triggers (Telegram messages, emails, webhooks), or operate as coordinated sub-agents.

Contextual Memory

Multi-level memory system: HOT (active session), WARM (a few days), COLD (archived). Essential for complex long-running workflows.

---

3. What NemoClaw Adds: The Enterprise Layer

Sandboxing and Isolation

Each agent runs in a sandboxed environment. Network access, files, and APIs are controlled by organization-defined policies.

Least-Privilege by Default

NemoClaw enforces the principle of least privilege: an agent only has access to resources strictly necessary for its mission. Non-negotiable.

Privacy Router

Intercepts data in transit between the agent and external LLM models. Can mask, replace, or refuse to transfer sensitive information (PII, HIPAA data, contractual information).

Complete Audit Log

Every agent action is recorded in an immutable audit log — a non-negotiable requirement for regulated organizations (finance, healthcare, government).

---

4. BOTUM Timeline: Early Adopter Before GTC 2026

Period	BOTUM Milestone
Before GTC 2026	FDbot deployed on OpenClaw — structured workspace, persistent memory, sub-agent network
Before GTC 2026	Custom skill development: himalaya, sonoscli, ordercli, blogwatcher
Before GTC 2026	Multi-agent architecture: JARVIS, KNOX, HERMES, NEO, LEDGER, CYRANO
GTC 2026	NVIDIA announces NemoClaw — built on OpenClaw. BOTUM already in production.
Post-GTC 2026	NemoClaw capabilities integrated into BOTUM infrastructure — natural adoption path

---

5. The 17 Agent Toolkit Partners — Use Cases by Sector

Healthcare and Life Sciences

- Medigon Health: clinical agents with HIPAA compliance via NemoClaw Privacy Router
- BioNexus: drug discovery acceleration via molecular simulations on GPU clusters

Financial Services

- QuantEdge Capital: 24/7 market surveillance with complete audit logs for regulators
- Clearstream Analytics: regulatory compliance automation

Manufacturing

- Siemens Industrial AI: predictive maintenance via real-time IoT sensor analysis
- Honeywell Process Controls: production process optimization

Retail / Government / Telecom / IT

- RetailIQ Platform: real-time personalization and product recommendations
- CivicAI Solutions: citizen service agents with secured government API access

- NetworkSense Telecom: autonomous 5G/6G network management
- DevFlow AI: DevOps agents for CI/CD monitoring and automatic post-mortems

6. How to Adopt NemoClaw in the Enterprise

Step 1 (wks 1-2)	AI Maturity Assessment: inventory processes, available data, team AI maturity
Step 2 (wks 2-4)	Define Governance Policies: agent access, alert triggers, audit log retention
Step 3 (months 1-2)	Proof of Concept on low-risk use case: report automation, tier-1 IT support
Step 4 (months 2-3)	Integration with existing security stack: CrowdStrike, Palo Alto Networks
Step 5 (months 3-6)	Progressive expansion to critical business processes
Step 6 (ongoing)	Training and agentic culture — the biggest barrier is cultural, not technical

7. What This Changes for a Solutions Architect

AI Agents = First-Class Architecture Components

With OpenClaw + NemoClaw, agents have their own interfaces, dependencies, lifecycle, and monitoring — just like any other architectural component.

Skills = The New Microservices

OpenClaw skills play the same role as microservices: encapsulation, reusability, deployment independence. Invoked by agents based on task context instead of HTTP calls.

Contextual Memory Changes Workflow Design

Agents with persistent memory enable workflows spanning days, weeks, or months — possibilities that traditional architectures couldn't support.

The Architect's Role Evolves

Tomorrow's solutions architect orchestrates agent teams. New skills needed: defining agent responsibilities, inter-agent communication protocols, agentic technical debt management.

Conclusion

NemoClaw and OpenClaw represent the formalization of enterprise agentic architecture — a framework that BOTUM was already practicing, and that NVIDIA has now elevated to industry standard.

For organizations that haven't started: the time is now. For those using OpenClaw like BOTUM: you have a head start. Use it.

Need help with your agentic stack?
BOTUM supports organizations through every step of this transition. www.botum.ca/contact

-> Online version: blog.botum.ca/gtc2026-b2-nemoclaw-openclaw-botum-stack/