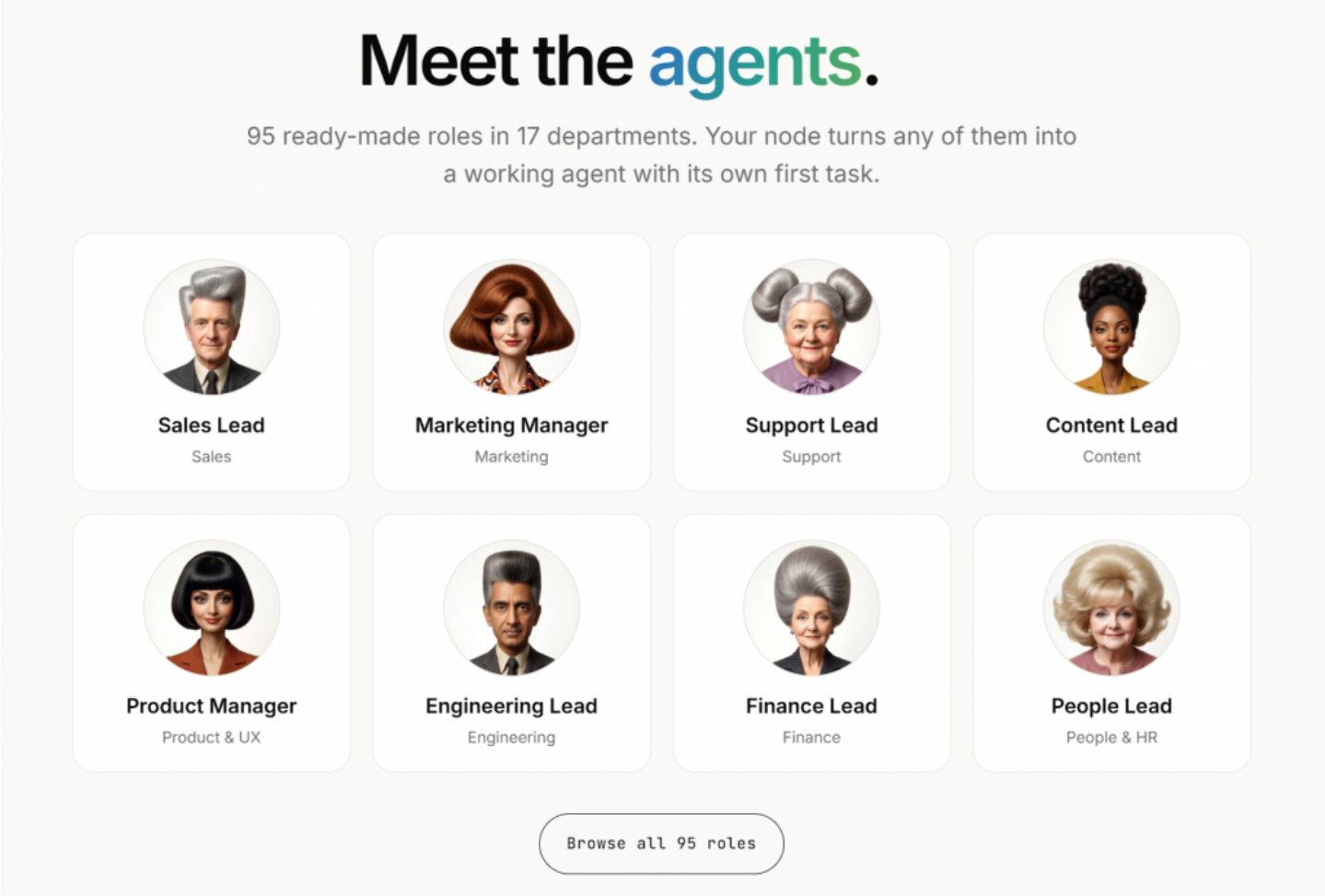
Smart Node Releases 50 Ready-Made AI Agent Crews for Dental Clinics, Restaurants, Plumbers and Other Small Businesses

The open-source system, free under AGPL-3.0, gives each small business its own team of AI agents on a machine it controls, with the owner approving anything that commits the business.



Chicago, Illinois Nov 15, 2026 (Issuewire.com) - Smart Node, an open-source AI agent system built by Chicago AI systems engineer Dmytro Klymentiev, now ships with 50 ready-made crews for specific trades. A dental clinic, a restaurant, a plumbing company or an accounting firm can start from a team of AI agents already shaped for its kind of work instead of writing instructions from a blank page.

Each crew is a small organization of specialised agents. A front desk agent answers messages from customers. A sales agent follows up on leads. A scheduler books appointments. A back office agent keeps documents and records in order. Behind the crews sits a library of 95 roles across 17 departments, and a setup assistant adapts a crew to businesses that are not on the list.

The owner keeps the final word. Agents prepare quotes, bookings and replies, but anything that commits the business to a customer waits for the owner's approval before it goes out. The rules each agent follows are written in plain language, and the system does not let an agent act outside them. An

operator panel shows every action as it happens.

Smart Node is self-hosted. It runs on a computer the business controls, an office machine, a home server or a small rented server, on Debian or Ubuntu, so customer records and conversations stay with the business. The agents reach AI models through one gateway that supports Claude, GPT and Gemini, which lets a business change providers without rebuilding its crew.

The full system is published under the AGPL-3.0 licence, so it can be used and inspected without a licence fee. Its building blocks include semantic memory shared by the agents, a task planner, a document store and a workflow layer that hands work from one agent to the next.

"It started as a small scheduled job that ran an AI model for my own business," said Klymentiev. "It kept growing until it became a system for running a whole team of agents. Releasing it as open source means any small business can run it and see exactly what it does."

Businesses that prefer not to install Smart Node themselves can ask the Smart Node team to set it up and adapt a crew to their trade.

About Dmytro Klymentiev

Dmytro Klymentiev is an AI systems engineer in Chicago with more than 20 years in software development. He builds open-source AI agent tools and writes about AI agents and LLMs at klymentiev.com.

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