

FLEET USE CASE

Home Wi-Fi tuning without publishing the LAN

Coverage, contention, and practical network friction

A specialist agent named **wifi optimizer** owns **Home Wi-Fi tuning** in the SmarTekAI fleet — one job, persistent tools, public-safe receipts.

THE PROBLEM

Home Wi-Fi issues are common and sensitive: SSIDs, router admin pages, and LAN IPs must never ship publicly. Still, the workload is real — and belongs in a specialist lane with clear public-safe receipts.

APPROACH

- 1 **Specialize** — wifi optimizer owns home Wi-Fi tuning.
- 2 **Iterate safely** — Diagnose with the operator; redact IPs and credentials from publish.
- 3 **Cluster** — Contribute to the home-tech insight with TV and PC lanes.
- 4 **Honest scope** — Publish theme, counts, and takeaways — not floorplans or admin URLs.

MEASURED FLEET TELEMETRY

Metric	Value
Theme	Home Wi-Fi tuning
Main-agent JSONL lines	194
Real user messages	7
Assistant messages	102
Tool messages	84
Transcript size (approx)	~0.3 MB
Fleet rank by transcript size	#10 of 12

WHY IT MATTERS

194 lines and 84 tool messages are enough to prove Wi-Fi is a serious agent workload, while privacy rules keep the LAN private.

TAKEAWAYS

- Home networking is AI-ops, not just IT homework.
- Never publish LAN/router IPs, admin passwords, or device MAC lists.
- Count tool loops as evidence; leave topology diagrams off the public site.

Privacy note: Patterns, theme labels, and aggregate transcript counts only. Withheld: credentials, emails, LAN/router IPs, device identifiers, agent memory files, and verbatim private conversations. If it would be awkward on a billboard, it does not ship.

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