

FLEET USE CASE

Home TV and AV optimization as a first-class agent job

Picture modes, living-room friction, and tool-heavy home tech

A specialist agent named **TV Optimizer** owns **Home TV / AV optimization** in the SmarTekAI fleet — one job, persistent tools, public-safe receipts.

THE PROBLEM

Living-room AV settings are fiddly: picture modes, source quirks, and “why does this look wrong” loops that do not belong in a coding agent. Home tech needs a specialist that can iterate with the operator without publishing device identifiers or network details.

APPROACH

- 1 **Specialize** — Dedicated TV / AV lane among the home-tech cluster.
- 2 **Iterate with the owner** — Real user turns guide picture and source changes.
- 3 **Tool density** — High tool-message share relative to user turns.
- 4 **Cluster learning** — Publish as part of the home-tech insight (TV + Wi-Fi + PC).

MEASURED FLEET TELEMETRY

Metric	Value
Theme	Home TV / AV optimization
Main-agent JSONL lines	541
Real user messages	24
Assistant messages	269
Tool messages	237
Transcript size (approx)	~2.9 MB

Metric	Value
Fleet rank by transcript size	#4 of 12

WHY IT MATTERS

TV Optimizer alone accounts for 541 transcript lines and 237 tool messages — proof that consumer AI value shows up on the couch, not only in IDEs.

TAKEAWAYS

- Treat home AV as a real workload with receipts (lines, tool counts).
- Bundle TV work with Wi-Fi and PC lanes when telling the home-tech story.
- Never publish router IPs, account logins, or device serials.

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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