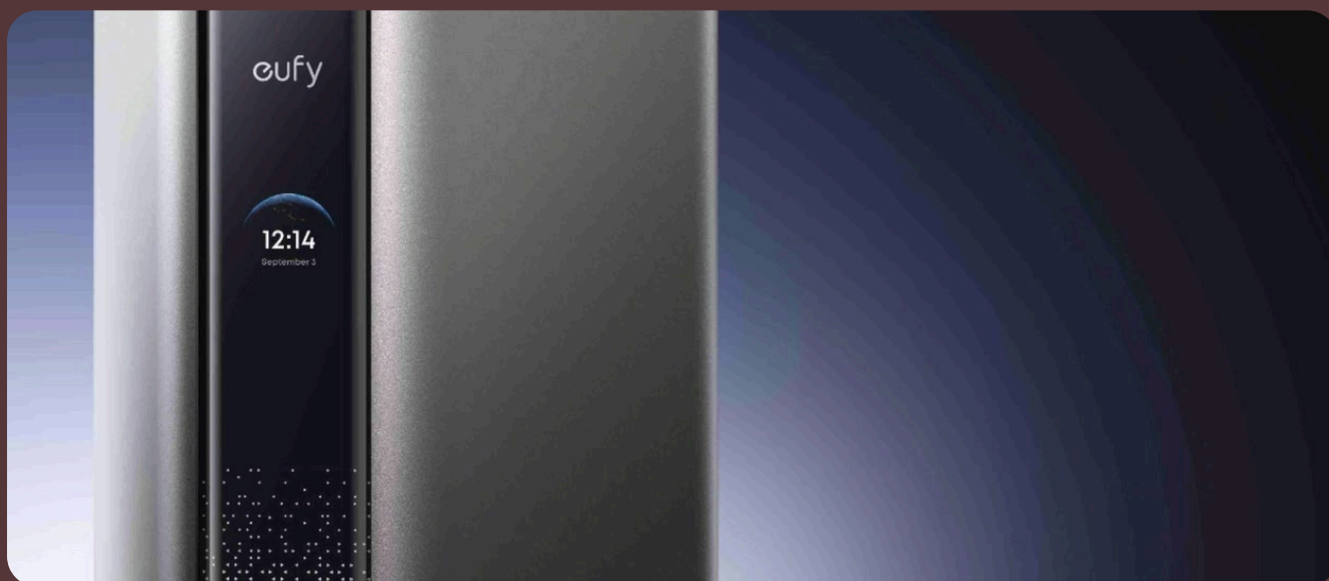


THE ACTING HOME NEEDS A GRAMMAR

Home intelligence is leaving command screens and entering routines, rooms, cameras, and moving machines. The strongest systems distribute agency across bounded tasks. Their shared design problem is clear: every action needs a readable cause, a visible boundary, and a way back.



LEGIBLE HOME AGENCY

The acting home will earn trust one legible decision, physical boundary, and reversible handoff at a time.

01



Anker introduced MindBase as a Matter hub with local AI processing and expandable storage; the company says household footage remains on the device, but did not announce a price. Separate IFA reporting showed a physical camera cover on ECOVACS' DEEBOT X12S. DJI says its ROMO 2 will gain a Local Data Mode in late 2026 that cuts the app's internet connection while allowing camera and microphone controls. The cover exists; DJI's offline mode remains a promise. Together they move privacy from policy language into visible product states.

A QUESTION FOR DESIGN

Could local processing reduce exposure without hiding what still leaves the home —and could one physical control reveal or disable each sensor and network path?

*1 *2 *3 *4

**PRIVACY
BECOMES
PHYSICAL**

02



Philips Hue previewed a beta that turns natural-language requests into editable lighting behaviors. Hisense demonstrated a longer chain in which ingredient recognition informs a recipe, oven settings, wine pairing, and dishwashing. DREO described an environmental system in development that coordinates heating, airflow, humidity, and purification around comfort. The Hue behavior is scheduled to ship first; the broader home routines remain demonstrations or internally modeled claims. The material signal is an interface shift from controlling devices to shaping outcomes.

A QUESTION FOR DESIGN

A REQUEST BECOMES A ROUTINE

Could a household state the outcome it wants while the home translates that request into a short, editable, and reversible plan instead of another dashboard? *5 *6 *7

03



iRobot's Roomba Duo prototype uses a larger cleaning robot and mechanical arm to deploy a smaller companion into low spaces; both share one map and dock. Perlegear's AX1 prototype uses local vision to move a large television vertically with viewer position, then stops and reverses when obstructed. One divides a chore across machines; the other adapts a room around the body. Neither has a price or release date, and neither has been tested in a lived home. Their common proposition is physical agency with a bounded job.

A QUESTION FOR DESIGN

THE ROOM STARTS TO MOVE

Could specialized machines divide physical work while sharing one maintenance point, previewing motion, and preserving an obvious human override? *8 *9 *10

04



Tuya's Doova care-robot concept is designed to locate an older resident after a call for help and begin a family video alert if no response follows within 60 seconds. OllloBot's OllloNi SS1 is meant to approach residents, initiate greetings or check-ins, and make family-moment videos only with authorization. Both are company demonstrations without independent recognition, safety, or long-term behavior data; Doova has no announced price or availability, and OllloNi's crowdfunding launch is postponed. Proactive attention is arriving before its social rules are settled.

A QUESTION FOR DESIGN

THE HOME INITIATES CONTACT

Could a proactive home adapt to each resident while making attention, sensing, and contact permissions clear at the moment of interaction—not buried in profiles? ^{*11 *12}

AUXETIC LENS

EXPAND WITHOUT ADDING WEIGHT.

The useful future is not the one with the most technology. It is the one that adapts without transferring its complexity to the person.

01

Which decisions belong inside a device, which belong across the home, and which should remain with the person?

02

Could an autonomous home explain what it noticed, chose, and changed in one calm sentence?

03

Which physical actions are reversible enough to automate, and what safe state should appear when confidence falls?

04

Can refusal expand with capability through lids, switches, pauses, and offline modes without becoming another settings burden?

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