

Give AI useful work, with meaningful controls

Decision APIs are reaching general availability, coding tools are tightening sandbox controls, and enterprises are rolling agents out company-wide. Today we examine whether permissions, data flows and validation can keep pace as AI starts doing real work.

Fast decisions, less data movement and clear permissions turn AI capability into useful workflows.

A faster path for small decisions Decisions API is generally available; measure gains on real tasks. OpenAI: Decisions API general availability	Approve sign-in without handing over passwords 1Password fills credentials directly; post-login actions still need controls. 1Password: Credentials for agents	Enterprise agents reach the workforce Uber scales its pilot; rollout size and realized outcomes are separate measures. OpenAI: Uber company-wide rollout
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01 / AI companies

2026-10-22 • New Decisions API goes GA for frequent, bounded decisions OpenAI made its GPT-6 Luna-based Decisions API generally available. It supports probability, choice and score outputs, up to 400 questions per request, native GPT-Live integration, prompt caching and US/EU inference residency. It targets classification, routing and next-action selection. OpenAI's up-to-10x speed claim compares against Luna through the Responses API, not every workload. Evaluate accuracy, latency and the cost of wrong decisions on your own tasks. OpenAI: Decisions API general availability	2026-10-23 • New Claude Code 2.1.309 repairs sandbox and permission checks The stable release fixes shell startup files running outside the sandbox, macOS symlink handling for denyWrite rules, and sandboxed commands or auto-accepted edits modifying a specified MCP configuration file. These fixes affect whether automated execution respects its constraints. Teams using these modes should assess the update and retest deny rules. Release notes establish delivery of fixes, not the elimination of every possible bypass. Claude Code v2.1.309	2026-10-21 • Recent Thousands of agents analyze brain-cell data to generate testable leads OpenAI, PerturbAI and Scripps Research report using thousands of GPT-Rosalind-powered agents to analyze existing mouse-brain experimental data and connect it with literature in 32 minutes, producing an explorable reasoning atlas. The value is broader interpretation of experimental data and better prioritization of follow-up experiments. Timing and performance are team-reported, and proposed mechanisms still need experimental validation; this is not a human treatment discovered in 32 minutes. OpenAI: Distributed biological reasoning
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02 / AI product tracker

Product	Version / date	Changes and sources
Claude Code	v2.1.309 2026-10-23 New this issue • stable	Stable: Fixes shell startup, symlink write restrictions and MCP configuration protection. See AI Companies for implications. Claude Code v2.1.309
Qwen Code	v0.26.0-nightly.20261022.bf66a26c97 2026-10-23 New this issue • nightly	Nightly prerelease: Adds daemon-token persistence and durable manual context compression for managed agents. It does not replace stable 0.26.0; production use needs separate validation. Qwen Code nightly 20261022
Decisions API	GA / GPT-6 Luna 2026-10-22 New this issue • stable	Generally available: Up to 400 questions per request, GPT-Live integration, prompt caching and US/EU inference residency. OpenAI: Decisions API general availability

03 / AI chips

2026-10-21 • Recent

Beyond memory bandwidth, ask how far the data must travel

SK hynix published a technical commentary by Raja Koduri explaining why low-latency, small-batch inference can be memory-bandwidth-bound and how HBM, advanced packaging and near-data processing can reduce data movement.

This is an October 21 architectural commentary, not a new chip entering mass production. Buyers should evaluate context length, batch size and power together with software and packaging constraints, without generalizing gains from one workload to every model.

[SK hynix: Memory-centric chip design](#)

[SK hynix news and publication dates](#)

04 / Embodied AI

2026-10-22 • New

HoloMotion opens a boxing-training path; simulation is not delivery

The official HoloMotion repository announced the H-bot competition and a Track 2 boxing tutorial, claiming a baseline policy can be trained in about 21 minutes on one GPU and documenting local evaluation.

A reproducible training entry point is more useful than a performance clip, but the training time is project-reported. The repository still labels v2 as preview and notes ongoing real-robot gait and tracking refinement. A competition baseline is not proof of reliable workstation operation.

[HoloMotion: H-bot competition and tutorial](#)

05 / Infrastructure

2026-10-20 • Recent

AWS plans a EUR4.8 billion Frankfurt-region investment in 2027

Amazon announced its 2027 Germany investment plan on October 20, including EUR4.8 billion for the AWS Europe (Frankfurt) Region. The overall EUR16 billion Germany plan also includes logistics, satellite connectivity and content.

For European cloud buyers, this signals planned supply investment, not newly operating facilities. The EUR4.8 billion is part of, not additional to, EUR16 billion, and the total is not all AI compute. Capacity, services and delivery still need confirmation.

[Amazon: Germany investment plans](#)

2026-10-22 • New

1Password separates agent sign-in from plaintext passwords

1Password announced a platform for personal agents: after an agent requests sign-in, the user approves a credential on their own device and 1Password fills the login form directly, without sending the password to the model.

This reduces the need to paste passwords into chats but does not automatically constrain every action after login. Integration availability varies: the announcement describes Claude Duet autofill as coming soon. Check availability and task permissions separately.

[1Password: Credentials for agents](#)

06 / Policy

2026-10-19 • Seven-day watch

Drone export measures take effect November 18; check the controlled items

MOFCOM's Q&A on adjustments announced October 19 says the drone-related export-control measures take effect November 18 and export-license applications will be reviewed under applicable rules.

This is a seven-day compliance watch item. Teams working on autonomous flight, sensing or control systems should check the specific items, end users and uses covered by the notice. The Q&A is neither a blanket ban on all civilian drones nor an automatic exemption.

[MOFCOM: Drone export-control Q&A](#)

2026-10-22 • New

EU selects five 6G proposals with EUR22 million for data and testing

SNS JU announced that five selected proposals will receive EUR22 million. 6G-AID aims to build a data foundation for AI-native networks, while HEMES-6G plans to connect eight testbed sites in six EU countries.

For telecom-AI teams, the value lies in data, simulation and system-validation resources. These are selected proposals and funding plans, not fully open platforms, finalized 6G standards or completed commercial networks.

[SNS JU: Five selected 6G proposals](#)

07 / Business

2026-10-22 • New

Uber expands an agent pilot toward more than 30,000 employees

OpenAI says Uber began a company-wide ChatGPT Work rollout for more than 30,000 employees, expanding a roughly 1,000-person pilot with an internal skills library, approved integrations and employee training.

The commercial significance is adoption moving from a small pilot into organizational workflows. The announcement does not disclose contract value or realized productivity gains. Adoption, exception handling and measurable outcomes remain the next tests.

[OpenAI: Uber company-wide rollout](#)

08 / AI markets

Broad declines across the watchlist, with storage and suppliers under pressure

At the October 22 closes, all 30 watchlist companies declined. Sandisk fell 8.51%, AMD 8.10% and Vertiv 7.81%; SK hynix and Samsung lost 5.49% and 4.03%. Mainland CXMT fell 3.10%, while Hong Kong-listed SMIC and Alibaba fell 6.24% and 6.12%.

Closing times differ across markets; this watchlist is not an industry index. Original USD/CNY/HKD/KRW currencies are retained. All 30 prices and changes were verified, with no individual missing values. Later news is not assigned as a cause of earlier price changes. Limited attributed excerpts from Stock Analysis.

Memory

Company / ticker	Market / FX	Close	Change	Session / source
Micron / MU	US / USD	856.49	-6.26%	2026-10-22 Stock Analysis • MU
Sandisk / SNDK	US / USD	1,260.93	-8.51%	2026-10-22 Stock Analysis • SNDK
SK hynix / 000660	KR / KRW	1,223,000	-5.49%	2026-10-22 Stock Analysis • 000660
Samsung Electronics / 005930	KR / KRW	214,500	-4.03%	2026-10-22 Stock Analysis • 005930
CXMT / 688825	CN / CNY	39.70	-3.10%	2026-10-22 Stock Analysis • 688825

Storage and components

Company / ticker	Market / FX	Close	Change	Session / source
Western Digital / WDC	US / USD	354.19	-6.43%	2026-10-22 Stock Analysis • WDC
Seagate / STX	US / USD	642.14	-7.86%	2026-10-22 Stock Analysis • STX
Montage Technology / 688008	CN / CNY	175.33	-1.69%	2026-10-22 Stock Analysis • 688008
GigaDevice / 603986	CN / CNY	276.75	-3.91%	2026-10-22 Stock Analysis • 603986
Longsys / 301308	CN / CNY	242.00	-2.80%	2026-10-22 Stock Analysis • 301308
BIWIN / 688525	CN / CNY	159.50	-2.99%	2026-10-22 Stock Analysis • 688525

Compute and manufacturing

Company / ticker	Market / FX	Close	Change	Session / source
Broadcom / AVGO	US / USD	323.24	-4.31%	2026-10-22 Stock Analysis • AVGO
TSMC ADR / TSM	US / USD	412.35	-4.52%	2026-10-22 Stock Analysis • TSM
NVIDIA / NVDA	US / USD	212.21	-4.40%	2026-10-22 Stock Analysis • NVDA
AMD / AMD	US / USD	507.93	-8.10%	2026-10-22 Stock Analysis • AMD
Intel / INTC	US / USD	85.49	-8.04%	2026-10-22 Stock Analysis • INTC
Cambricon / 688256	CN / CNY	883.94	-3.54%	2026-10-22 Stock Analysis • 688256
Hygon / 688041	CN / CNY	191.02	-1.18%	2026-10-22 Stock Analysis • 688041
SMIC / 00981	HK / HKD	46.84	-6.24%	2026-10-22 Stock Analysis • 00981

Networking, power and cooling

Company / ticker	Market / FX	Close	Change	Session / source
Arista Networks / ANET	US / USD	171.07	-7.19%	2026-10-22 Stock Analysis • ANET
Vertiv / VRT	US / USD	195.59	-7.81%	2026-10-22 Stock Analysis • VRT

Platforms and applications

Company / ticker	Market / FX	Close	Change	Session / source
Microsoft / MSFT	US / USD	521.08	-2.23%	2026-10-22 Stock Analysis • MSFT
Alphabet / GOOGL	US / USD	324.22	-3.15%	2026-10-22 Stock Analysis • GOOGL
Meta / META	US / USD	648.85	-6.98%	2026-10-22 Stock Analysis • META
Amazon / AMZN	US / USD	250.38	-4.57%	2026-10-22 Stock Analysis • AMZN
iFlytek / 002230	CN / CNY	36.70	-1.08%	2026-10-22 Stock Analysis • 002230
Baidu / 09888	HK / HKD	75.10	-3.35%	2026-10-22 Stock Analysis • 09888
Alibaba / 09988	HK / HKD	97.35	-6.12%	2026-10-22 Stock Analysis • 09988
Tencent / 00700	HK / HKD	382.40	-2.89%	2026-10-22 Stock Analysis • 00700
SenseTime / 00020	HK / HKD	1.11	-3.48%	2026-10-22 Stock Analysis • 00020

Next, look for measurable enterprise outcomes, transfer from robot training to real workstations, and infrastructure investment becoming usable capacity.