

FOR YOU / HIGHLIGHTS • EDITOR'S LETTER

From tool boundaries to delivery

Coding tools add directory restrictions, robots face task disruptions, and cloud growth meets power and funding requirements. Eight reports examine how capabilities become maintainable services, retaining original dates for recent unreported developments.

Assess capabilities and their limits, scale and its delivery, funding and power requirements.

Clearer editing boundaries

Claude Code adds an optional directory restriction and fixes failure reporting for automated tasks.

[Claude Code adds a working-directory write restriction](#)

Can robots recover from disruption?

SEER's Hanoi demonstration shows replanning; repeatable testing is still needed for reliable factory work.

[SEER demonstrates replanning after a Tower of Hanoi task is disrupted](#)

Read cloud growth alongside cash use

AWS revenue rose 39.3%; Amazon's group trailing-twelve-month free cash flow turned negative.

[AWS quarterly revenue reaches \\$46 billion as Amazon's cash investment grows](#)

01 / AI companies

2026-10-30 • New

Claude Code adds a working-directory write restriction

Stable Claude Code 2.1.314 adds an optional permission setting that makes Write, Edit and NotebookEdit reject paths outside working directories in every permission mode. It also fixes non-interactive CLI startup failures incorrectly returning a success status.

Automation teams gain clearer file-edit boundaries and failure signals. The restriction concerns the named editing tools, not blanket isolation of every terminal command. It needs configuration and testing with the team's directories and workflows.

[Claude Code adds a working-directory write restriction](#)

2026-10-29 • Recent

Granite Switch 4.1.1 updates speech and decision adapters

IBM's team released the backward-compatible Granite Switch 4.1.1 patch. Its speech-recognition model covers ten languages with native punctuation and capitalization, and the Decision adapter is updated. IBM says the base model is unchanged and users can compose the adapters they need.

Modular updates let teams test capability upgrades separately and reduce full-model migration work, although compatibility and decision performance still need validation on their own data. A third-party adapter SDK and tutorials remain in preparation, not already available developer tools.

[Granite Switch 4.1.1 updates speech and decision adapters](#)

02 / AI product tracker

Product	Version / date	Changes and sources
Claude Code	2.1.314 2026-10-30 New this issue • stable	New stable release: an optional working-directory write restriction and corrected failure status for non-interactive startup. See AI companies; the setting does not cover all terminal writes. Claude Code adds a working-directory write restriction
Codex CLI	0.166.0 2026-10-30 Recent version • stable	Verified recent stable baseline with keyboard transcript selection and network diagnostics, plus permission retention fixes on resume or fork. Previously tracked, not new reporting; separate from the alpha channel. Codex CLI release notes

03 / AI chips

2026-10-30 • Recent

Intel data-center revenue rises 78%; supply and process readiness remain key

Intel reported third-quarter Data Center and AI revenue of \$7.3 billion, up 78% year over year. It prioritized additional Xeon supply and disclosed an October release of the 14A process's 0.9 design kit. Total quarterly revenue was \$16.5 billion, up 21%.

The results provide operating evidence of server demand, while the design kit indicates progress in customer design readiness. DCAI sales are not all AI revenue, and a 14A design kit does not establish volume production. Watch actual supply and customer product milestones.

[Intel data-center revenue rises 78%; supply and process readiness remain key](#)

04 / Embodied AI

2026-10-30 • Recent

SEER demonstrates replanning after a Tower of Hanoi task is disrupted

SEER demonstrated a camera-equipped robot arm solving a three-disc Tower of Hanoi and replanning after a person moved the base or rearranged the discs. The company says its VLA model used only 60 training examples and shows differently shaped objects replacing the discs.

Recovering after disruption is closer to workplace needs than replaying a fixed sequence. This remains a company demonstration: the article provides no repeated-trial success rate, cycle time or sustained-operation data. It does not establish cross-workstation generalization or completed factory deployment.

[SEER demonstrates replanning after a Tower of Hanoi task is disrupted](#)

05 / Infrastructure

2026-10-29 • Recent

Sembcorp and DayOne sign an MoU on Asian data-center energy

Sembcorp Utilities and DayOne signed a memorandum of understanding to explore energy solutions for selected Asian data-center projects. The scope covers on-site power and generation, fuel, renewables, and operations and maintenance, with Sembcorp as technical partner.

Compute expansion requires coordinating facilities with power requirements; the value here is early planning. The announcement gives no committed power capacity, final power-purchase agreement or operating date. An MoU is not newly connected electricity or delivered computing capacity.

[Sembcorp and DayOne sign an MoU on Asian data-center energy](#)

06 / Policy

2026-10-30 • Recent

Canada joins EuroHPC, expanding supercomputing and AI research cooperation

The European Commission says Canada formally became a participating state in EuroHPC at the October 30 EU-Canada summit in Montreal, opening participation in European HPC, AI and quantum resources and research. The sides also agreed to cooperate on AI climate modeling through Destination Earth.

For researchers and businesses, the change concerns cross-border collaboration and access pathways, not a new batch of data centers. The cited 12 supercomputers and 19 AI Factories describe the existing network. Projects still depend on access calls and cooperation arrangements; membership is not unlimited use.

[Canada joins EuroHPC, expanding supercomputing and AI research cooperation](#)

07 / Business

2026-10-30 • Recent

AWS quarterly revenue reaches \$46 billion as Amazon's cash investment grows

Amazon reported AWS quarterly revenue of \$46 billion, up 39.3%, and operating income of \$17.8 billion. Group trailing-twelve-month free cash flow was a \$42.4 billion outflow versus a \$14.8 billion inflow a year earlier. The company mainly attributes this to increased property and equipment purchases, particularly AI investment.

Cloud demand growth and cash consumption need to be read together. AWS's \$184 billion figure is an annualized revenue run rate, not realized full-year sales. Approximately \$220 billion in 2026 cash capital expenditure remains a forecast. These indicate expansion intensity, not proof of project returns.

[AWS quarterly revenue reaches \\$46 billion as Amazon's cash investment grows](#)

2026-10-30 • Recent

Agility expects \$465 million from its combination and related financing, pending closing

After the redemption deadline, Agility and Churchill XI expect roughly \$465 million in gross proceeds before expenses: about \$164 million from the trust account, \$201 million in committed PIPE equity financing, and \$100 million in equity funding already received. The combination and PIPE are expected to close November 4.

The update connects robotics expansion with funding availability, but does not mean all \$465 million has been received. Shareholder approval on November 2 and other closing conditions remain. The planned AGLT ticker does not establish a completed listing. Next watch the vote, final redemptions and net proceeds after expenses.

[Agility expects \\$465 million from its combination and related financing, pending closing](#)

08 / AI markets

US and memory watchlist names fall; Hong Kong platforms diverge

At the October 30 close, all 15 US, eight mainland Chinese and two Korean watchlist names declined. Intel fell 28.58% and AMD 10.88%. In memory, Sandisk fell 13.47%, Micron 5.30%, SK hynix 7.08% and Samsung 3.02%. Hong Kong-listed Tencent rose 1.59%, Alibaba 0.99% and Baidu 0.20%, while SenseTime and SMIC fell.

Markets close at different times; this watchlist is not an industry index and retains USD/CNY/HKD/KRW. Data are limited attributed excerpts from Stock Analysis, with all 30 prices and changes verified. SenseTime uses the historical table display of HKD 1.11; its change is not recalculated from that rounded price. This describes numerical divergence without asserting news caused price moves. Sandisk remains pre-split.

Memory

Company / ticker	Market / FX	Close	Change	Session / source
Micron / MU	US / USD	884.74	-5.30%	2026-10-30 Micron closing history • Stock Analysis
Sandisk / SNDK	US / USD	1,150.89	-13.47%	2026-10-30 Sandisk closing history • Stock Analysis
SK hynix / 000660	KR / KRW	1,418,000	-7.08%	2026-10-30 SK hynix closing history • Stock Analysis
Samsung Electronics / 005930	KR / KRW	225,000	-3.02%	2026-10-30 Samsung Electronics closing history • Stock Analysis
CXMT / 688825	CN / CNY	41.80	-2.50%	2026-10-30 CXMT closing history • Stock Analysis

Storage and components

Company / ticker	Market / FX	Close	Change	Session / source
Western Digital / WDC	US / USD	366.11	-7.41%	2026-10-30 Western Digital closing history • Stock Analysis
Seagate / STX	US / USD	644.58	-7.98%	2026-10-30 Seagate closing history • Stock Analysis
Montage Technology / 688008	CN / CNY	158.30	-5.09%	2026-10-30 Montage Technology closing history • Stock Analysis
GigaDevice / 603986	CN / CNY	257.80	-6.59%	2026-10-30 GigaDevice closing history • Stock Analysis
Longsys / 301308	CN / CNY	212.17	-4.22%	2026-10-30 Longsys closing history • Stock Analysis
BIWIN / 688525	CN / CNY	130.77	-5.31%	2026-10-30 BIWIN closing history • Stock Analysis

Compute and manufacturing

Company / ticker	Market / FX	Close	Change	Session / source
Broadcom / AVGO	US / USD	326.08	-5.48%	2026-10-30 Broadcom closing history • Stock Analysis
TSMC ADR / TSM	US / USD	406.13	-5.95%	2026-10-30 TSMC ADR closing history • Stock Analysis
NVIDIA / NVDA	US / USD	204.64	-4.22%	2026-10-30 NVIDIA closing history • Stock Analysis
AMD / AMD	US / USD	504.80	-10.88%	2026-10-30 AMD closing history • Stock Analysis
Intel / INTC	US / USD	65.76	-28.58%	2026-10-30 Intel closing history • Stock Analysis
Cambricon / 688256	CN / CNY	880.00	-3.61%	2026-10-30 Cambricon closing history • Stock Analysis
Hygon / 688041	CN / CNY	170.20	-8.44%	2026-10-30 Hygon closing history • Stock Analysis
SMIC / 00981	HK / HKD	42.98	-4.40%	2026-10-30 SMIC closing history • Stock Analysis

Networking, power and cooling

Company / ticker	Market / FX	Close	Change	Session / source
Arista Networks / ANET	US / USD	168.86	-8.34%	2026-10-30 Arista Networks closing history • Stock Analysis
Vertiv / VRT	US / USD	232.50	-5.46%	2026-10-30 Vertiv closing history • Stock Analysis

Platforms and applications

Company / ticker	Market / FX	Close	Change	Session / source
Microsoft / MSFT	US / USD	521.91	-1.55%	2026-10-30 Microsoft closing history • Stock Analysis
Alphabet / GOOGL	US / USD	279.84	-1.40%	2026-10-30 Alphabet closing history • Stock Analysis
Meta / META	US / USD	614.99	-1.53%	2026-10-30 Meta closing history • Stock Analysis
Amazon / AMZN	US / USD	240.35	-1.41%	2026-10-30 Amazon closing history • Stock Analysis
iFlytek / 002230	CN / CNY	36.24	-3.36%	2026-10-30 iFlytek closing history • Stock Analysis
Baidu / 09888	HK / HKD	75.70	+0.20%	2026-10-30 Baidu closing history • Stock Analysis
Alibaba / 09988	HK / HKD	97.05	+0.99%	2026-10-30 Alibaba closing history • Stock Analysis
Tencent / 00700	HK / HKD	383.60	+1.59%	2026-10-30 Tencent closing history • Stock Analysis
SenseTime / 00020	HK / HKD	1.11	-4.33%	2026-10-30 SenseTime closing history • Stock Analysis

Next watch tool permission settings, repeated robot trials, energy contracts and financing close.