EXMXC RESEARCH

Entity Clarity Report Technology

January 20 to July 30, 2026

The posture map held. The capability map advanced.

Across the Tech 100, aggregate ECC increased by 2.46 points while the Open, Defensive, and Blocked counts finished exactly where they began. High capability expanded from 13 to 20 entities. The industry did not become more open; it became more legible inside the same strategic boundaries.

100	+2.46	+7	28
MATCHED TECH ENTITIES	MEAN ECC CHANGE	NET HIGH CAPABILITY	MEANINGFUL MOVERS

Interpretation boundary. ECC measures structural machine legibility. It is not a ranking of product quality, innovation, financial performance, enterprise value, or institutional importance. The Entity Engineering Index is a separate measurement family.

EXECUTIVE FINDING

Same posture. Stronger underlying system.

The aggregate gain came from capability, not wider access.

Technology's posture distribution was unchanged at the endpoints: 57 Open, 21 Defensive, and 22 Blocked. Under that stable surface, two entities entered machine legibility, two exited, and two Open entities moved to Defensive posture. The zero net posture change therefore reflects offsetting strategic decisions, not inactivity.

Capability moved decisively. High capability expanded by seven entities, Low contracted by five, the median rose four points, and continuously legible companies generated 265 net ECC points. Technology's machine-readable authority deepened without a parallel move toward openness.

Decision signal

Do not use posture counts alone as a proxy for AI readiness. The strategic boundary can look unchanged while the infrastructure beneath it is being rebuilt. For investors and acquirers, the change in capability is the operating signal; posture determines how much of that capability can compound externally.

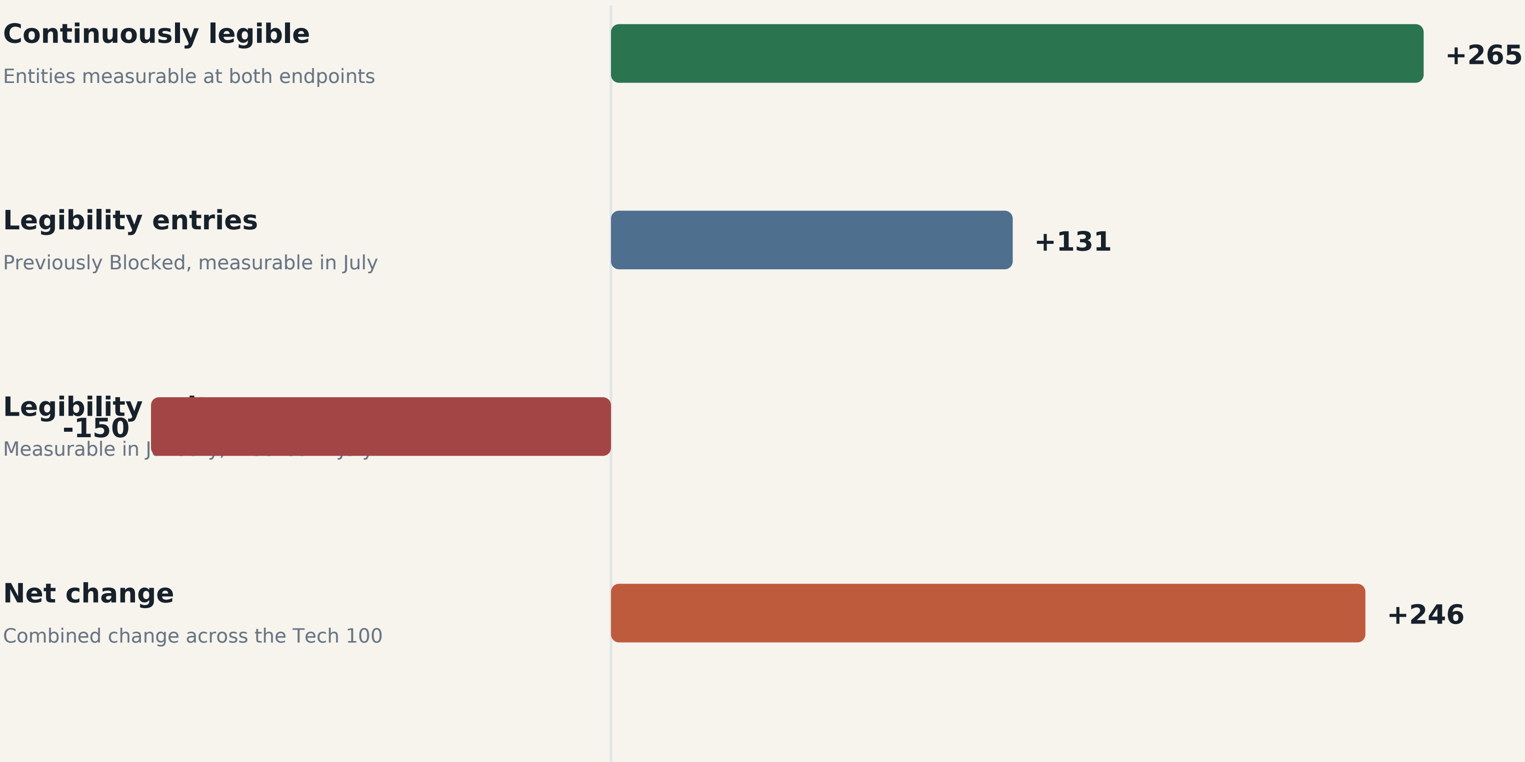
44.87 -> 47.33	58 -> 62	24 / 11 / 65	57 / 21 / 22
MEAN ECC	MEDIAN ECC	UP / DOWN / UNCHANGED	OPEN / DEFENSIVE / BLOCKED

Headline: the Tech 100 became more capable inside the same access architecture.

MOVEMENT DECOMPOSITION

The gain was broad, not entry-driven.

Net ECC points by access-state cohort, January to July 2026



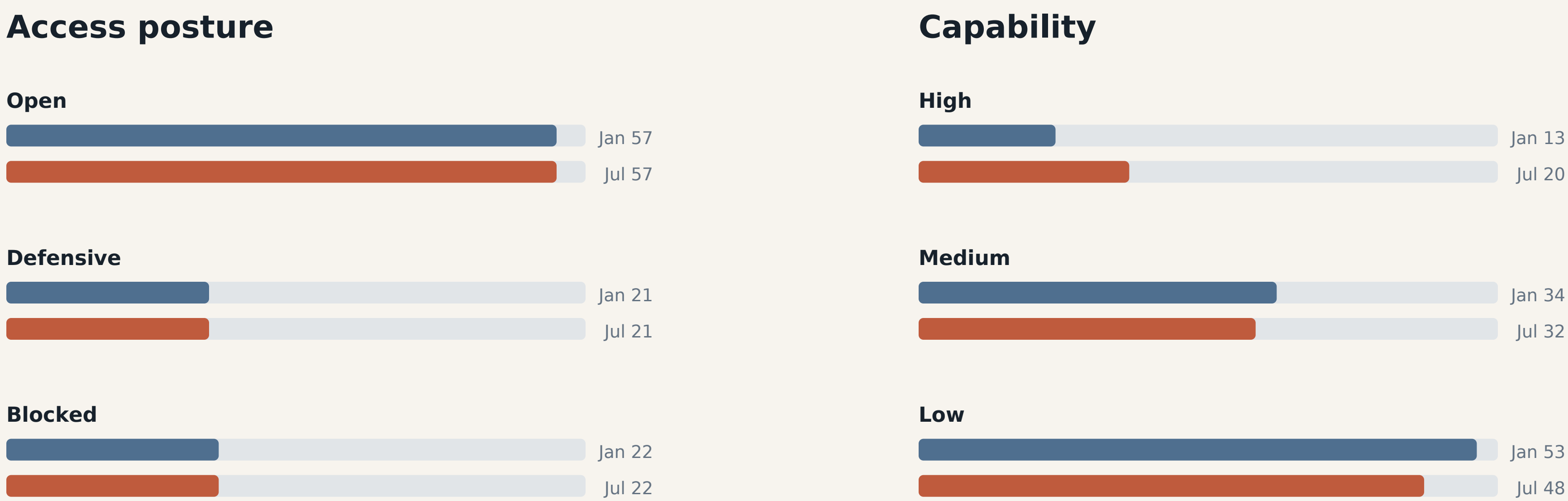
Interpretation

Entries and exits nearly offset each other. The sector's net improvement was created by companies that remained measurable and improved their underlying legibility. This distinguishes Technology from a release where the headline is driven primarily by a few access-state reversals.

DISTRIBUTION

Posture held. Capability shifted upward.

Blue = January 20, rust = July 30



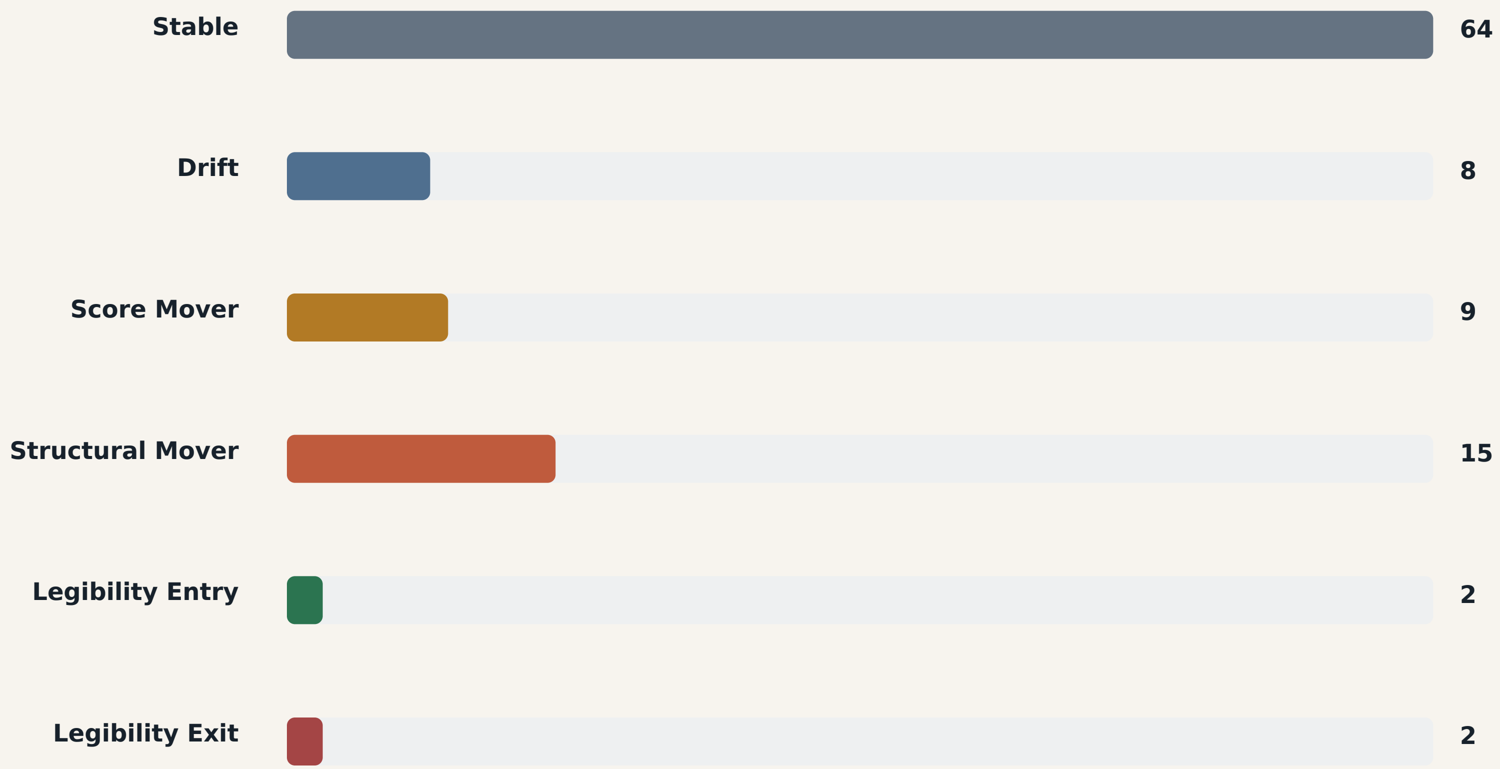
Why the divergence matters

Posture is a governance choice; capability is an operating system. Technology companies preserved the sector's aggregate access boundary while reallocating meaningfully toward stronger machine-readable infrastructure. This can increase citation reliability, enterprise discoverability, and integration readiness without changing whether access is Open, Defensive, or Blocked.

MOVEMENT CLASSES

Twenty-eight companies changed meaningfully.

A governed classification separates structural change from ordinary drift



Meaningful-mover rule

Meaningful movers include Score Movers, Structural Movers, Legibility Entries, and Legibility Exits. Drift is reported but excluded from the governed mover count. One structural mover changed posture without changing ECC, which is why the unchanged-score count differs from the Stable class count.

ACCESS-STATE TRANSITIONS

Two entered. Two exited. Posture finished flat.

Entity-level ECC values remain in the authoritative Index

Entity	Movement	Capability	Interpretation
Seagate Technology	Blocked -> Open	Low -> High	Full re-entry paired with a deep capability build
SK Hynix	Blocked -> Open	Low -> Low	Access restored before capability maturation
Applied Materials	Defensive -> Blocked	High -> Low	A high-capability surface exited measurement
Intuit	Defensive -> Blocked	Low -> Low	A controlled posture moved to full restriction

Governance reading

The endpoint posture totals conceal four offsetting access-state decisions and two additional Open-to-Defensive migrations. A static sector count would miss the churn. Longitudinal diligence must therefore track named entities, not only category shares.

The upgrade wave crossed several technology layers

Selected structural movers; entity-level ECC values remain in the Index

Entity	Capability	July posture	Layer
Amazon	Low -> Medium	Open	Commerce platform
Adobe	Low -> High	Open	Creative software
AppLovin	Low -> High	Open	Advertising infrastructure
Seagate Technology	Low -> High	Open	Data storage
Advantest	Medium -> High	Open	Semiconductor testing
MediaTek	Medium -> High	Open	Semiconductors
Schneider Electric	Medium -> High	Defensive	Industrial infrastructure
Electronic Arts	Medium -> High	Open	Interactive entertainment
Trip.com	Medium -> High	Open	Travel platform
Constellation Software	Low -> Medium	Open	Vertical-market software
Tencent	Low -> Medium	Open	Digital platform
Robinhood	Low -> Medium	Open	Financial technology

The pattern is not confined to one business model or geography. Machine legibility is being treated as shared operating infrastructure across software, semiconductors, platforms, data systems, and industrial technology.

Capability advanced without posture convergence.

Five patterns define the January-to-July Technology reading

1. Capability outpaced openness

High capability expanded while the endpoint posture distribution remained unchanged. Infrastructure improved inside existing strategic boundaries.

2. Authority became more distributed

Meaningful upgrades appeared across commerce, software, semiconductors, storage, industrial systems, and data infrastructure.

3. Entry and exit were symmetrical

Two entities re-entered and two exited. Their ECC effects nearly offset, leaving continuous improvement as the primary driver.

4. Large platforms bifurcated

Some scaled platforms made major capability gains while others drifted or deteriorated. Market scale did not determine direction.

5. High capability remained reversible

A strong machine-readable surface can be withdrawn through an access decision or weakened through capability regression.

6. Stability still mattered

Most companies were Stable. The measured changes are therefore concentrated signals against a slow-moving institutional baseline.

Treat legibility as operating infrastructure.

Implications for diligence, valuation, integration, and portfolio design

Underwrite access governance

Identify who controls crawling and machine access, what triggers a policy change, and whether the decision can be reversed after closing.

Value capability as an operating asset

Structured identity, durable source surfaces, and reliable metadata can lower discovery friction and reduce integration cost.

Separate scale from authority

Market capitalization, installed base, and brand recognition do not reliably predict machine legibility. Test the target directly.

Build the integration thesis before close

A buyer may create value by extending portfolio-wide schema, documentation, and entity governance across acquired products.

Model posture as a strategic choice

Open, Defensive, and Blocked can each be rational. The question is whether the posture matches the monetization and licensing strategy.

Protect high-capability surfaces

A valuable legibility system can disappear quickly through policy or ownership change. Include continuity requirements in integration governance.

A matched-panel longitudinal release.

Governed under methodology eci-ecc-v1 and dataset version 2.0.0

Panel definition

The report preserves the original Tech 100 baseline panel. Eighty-four entities are classified as Technology in the master dataset; sixteen historically included platform, marketplace, fintech, and software entities are retained for like-for-like continuity.

Observation dates

Prior observation: January 20, 2026. Current observation: July 30, 2026. The source does not provide a validated May snapshot, so this release reports January-to-July movement and does not infer a May-to-July quarterly delta.

Scoring boundary

Posture records access intent. Capability records the quality of the machine-readable surface. ECC combines those dimensions under eci-ecc-v1. A Blocked posture produces ECC 0 by definition because the scored surfaces cannot be evaluated.

Quality controls

All 100 source deltas were independently recalculated. No source delta mismatches were found. Every Blocked observation reconciled to ECC 0. Entity-level values appear only in the Index with posture and capability context.

Canonical release: https://mcp.exmxc.ai/datasets/entity_clarity/releases/latest

How to read the authoritative 100-entity record.

Entity-level ECC values begin on the following page

January posture / capability / ECC

The baseline state observed on January 20, 2026.

July posture / capability / ECC

The current state observed on July 30, 2026.

ECC delta

July ECC minus January ECC. A Blocked endpoint is recorded as 0 by definition.

Change class

Stable, Drift, Score Mover, Structural Mover, Legibility Entry, or Legibility Exit.

Release QA

100 matched entities
100 recalculated deltas
0 delta mismatches
0 Blocked-scoring errors
28 meaningful movers
4 access-state transitions

Authority rule
The PDF is the official record for citation and executive decision-making.

ECC is an institutional legibility signal, not a quality, market-cap, innovation, or investment ranking.

AUTHORITATIVE INDEX

Tech 100 - entities 1 to 25

January 20 and July 30, 2026

#	Entity	Jan P	Jan C	Jan ECC	Jul P	Jul C	Jul ECC	Delta	Class
1	**AMD**	Blocked	Low	0	Blocked	Low	0	0	Stable
2	**ASML**	Defensive	Medium	69	Defensive	Medium	68	**-1**	Drift
3	**Adobe**	Open	Low	24	Open	High	82	**+58**	Structural Mover
4	**Advantest**	Open	Medium	68	Open	High	82	**+14**	Structural Mover
5	**Adyen**	Defensive	High	81	Defensive	High	81	0	Stable
6	**Airbnb**	Defensive	Low	49	Defensive	Low	49	0	Stable
7	**Alibaba**	Open	Medium	63	Open	Medium	63	0	Stable
8	**Alphabet (Google)**	Open	Low	40	Open	Low	34	**-6**	Score Mover
9	**Amazon**	Open	Low	5	Open	Medium	64	**+59**	Structural Mover
10	**Analog Devices**	Blocked	Low	0	Blocked	Low	0	0	Stable
11	**AppLovin**	Open	Low	57	Open	High	94	**+37**	Structural Mover
12	**Apple**	Open	High	84	Open	High	84	0	Stable
13	**Applied Materials**	Defensive	High	91	Blocked	Low	0	**-91**	Legibility Exit
14	**Arista Networks**	Open	Low	7	Open	Low	7	0	Stable
15	**Arm Holdings**	Defensive	Medium	72	Defensive	Medium	72	0	Stable
16	**Atlassian**	Open	High	80	Open	High	88	**+8**	Score Mover
17	**Autodesk**	Blocked	Low	0	Blocked	Low	0	0	Stable
18	**Automatic Data Processing**	Defensive	Medium	64	Defensive	Medium	64	0	Stable
19	**Baidu**	Open	Low	47	Open	Low	47	0	Stable
20	**Booking Holdings**	Open	Low	5	Open	Low	5	0	Stable
21	**Broadcom**	Defensive	Low	16	Defensive	Low	16	0	Stable
22	**Cadence Design Systems**	Blocked	Low	0	Blocked	Low	0	0	Stable
23	**Cambricon Technologies**	Open	Low	41	Open	Low	41	0	Stable
24	**Cisco**	Defensive	Medium	68	Defensive	Medium	72	**+4**	Drift
25	**Cloudflare**	Open	Medium	68	Defensive	High	84	**+16**	Structural Mover

P = posture | C = capability | ECC values are valid only with their accompanying posture and capability context.

AUTHORITATIVE INDEX

Tech 100 - entities 26 to 50

January 20 and July 30, 2026

#	Entity	Jan P	Jan C	Jan ECC	Jul P	Jul C	Jul ECC	Delta	Class
26	**Coinbase**	Blocked	Low	0	Blocked	Low	0	0	Stable
27	**Constellation Software**	Open	Low	49	Open	Medium	73	**+24**	Structural Mover
28	**CoreWeave**	Open	Medium	65	Open	Medium	78	**+13**	Score Mover
29	**Coupang**	Blocked	Low	0	Blocked	Low	0	0	Stable
30	**CrowdStrike**	Open	High	82	Open	High	82	0	Stable
31	**Datadog**	Open	High	82	Open	High	88	**+6**	Score Mover
32	**Dell**	Open	Medium	77	Open	Medium	77	0	Stable
33	**Delta Electronics**	Open	Medium	63	Open	Medium	64	**+1**	Drift
34	**Delta Electronics (Thailand)**	Open	Low	8	Open	Low	8	0	Stable
35	**DoorDash**	Blocked	Low	0	Blocked	Low	0	0	Stable
36	**Electronic Arts**	Open	Medium	73	Open	High	83	**+10**	Structural Mover
37	**Equinix**	Blocked	Low	0	Blocked	Low	0	0	Stable
38	**FICO**	Open	Medium	73	Open	Medium	72	**-1**	Drift
39	**Fortinet**	Open	High	83	Open	High	83	0	Stable
40	**Foxconn (Hon Hai)**	Open	Low	5	Open	Low	5	0	Stable
41	**IBM**	Open	Medium	61	Open	Medium	61	0	Stable
42	**Infineon**	Open	Medium	78	Open	Medium	78	0	Stable
43	**Intel**	Open	Medium	74	Open	Medium	64	**-10**	Score Mover
44	**Intuit**	Defensive	Low	59	Blocked	Low	0	**-59**	Legibility Exit
45	**JD.com**	Open	Low	47	Open	Low	6	**-41**	Score Mover
46	**KLA**	Open	High	92	Open	High	92	0	Stable
47	**Keyence**	Defensive	Medium	72	Defensive	Medium	78	**+6**	Score Mover
48	**Lam Research**	Open	High	88	Open	High	88	0	Stable
49	**Marvell Technology**	Blocked	Low	0	Blocked	Low	0	0	Stable
50	**MediaTek**	Open	Medium	68	Open	High	82	**+14**	Structural Mover

P = posture | C = capability | ECC values are valid only with their accompanying posture and capability context.

AUTHORITATIVE INDEX

Tech 100 - entities 51 to 75

January 20 and July 30, 2026

#	Entity	Jan P	Jan C	Jan ECC	Jul P	Jul C	Jul ECC	Delta	Class
51	**Meituan**	Open	Low	45	Open	Low	45	0	Stable
52	**MercadoLibre**	Open	Low	30	Open	Low	30	0	Stable
53	**Meta Platforms**	Defensive	Medium	73	Defensive	Medium	72	**-1**	Drift
54	**Micron Technology**	Open	High	81	Open	High	81	0	Stable
55	**Microsoft**	Defensive	Medium	65	Defensive	Medium	65	0	Stable
56	**Monolithic Power Systems**	Open	Low	7	Open	Low	7	0	Stable
57	**Murata Manufacturing**	Open	Medium	66	Open	Medium	66	0	Stable
58	**NAURA Technology**	Open	Low	50	Open	Low	50	0	Stable
59	**NEC**	Blocked	Low	0	Blocked	Low	0	0	Stable
60	**NVIDIA**	Open	Medium	67	Open	Medium	67	0	Stable
61	**NXP Semiconductors**	Defensive	Low	55	Defensive	Low	55	0	Stable
62	**NetEase**	Open	Low	26	Open	Low	26	0	Stable
63	**Netflix**	Defensive	Low	59	Defensive	Low	59	0	Stable
64	**Nintendo**	Open	High	83	Open	Medium	73	**-10**	Structural Mover
65	**Oracle**	Blocked	Low	0	Blocked	Low	0	0	Stable
66	**PDD Holdings (Temu/Pinduoduo)**	Open	Low	19	Open	Low	33	**+14**	Score Mover
67	**Palantir**	Open	Low	27	Open	Low	27	0	Stable
68	**Palo Alto Networks**	Defensive	Medium	69	Defensive	Medium	69	0	Stable
69	**PayPal**	Defensive	Medium	64	Defensive	Medium	64	0	Stable
70	**Qualcomm**	Open	Low	15	Open	Low	15	0	Stable
71	**Reddit**	Blocked	Low	0	Blocked	Low	0	0	Stable
72	**Robinhood**	Open	Low	59	Open	Medium	68	**+9**	Structural Mover
73	**Roper Technologies**	Blocked	Low	0	Blocked	Low	0	0	Stable
74	**SAP**	Blocked	Low	0	Blocked	Low	0	0	Stable
75	**SK Hynix**	Blocked	Low	0	Open	Low	48	**+48**	Legibility Entry

P = posture | C = capability | ECC values are valid only with their accompanying posture and capability context.

AUTHORITATIVE INDEX

Tech 100 - entities 76 to 100

January 20 and July 30, 2026

#	Entity	Jan P	Jan C	Jan ECC	Jul P	Jul C	Jul ECC	Delta	Class
76	**SMIC**	Open	Low	48	Open	Low	48	0	Stable
77	**Salesforce**	Defensive	Medium	72	Defensive	Medium	72	0	Stable
78	**Samsung**	Defensive	Medium	78	Defensive	Medium	78	0	Stable
79	**Schneider Electric**	Defensive	Medium	69	Defensive	High	81	**+12**	Structural Mover
80	**Sea Limited (Shopee)**	Open	Low	53	Open	Low	53	0	Stable
81	**Seagate Technology**	Blocked	Low	0	Open	High	83	**+83**	Legibility Entry
82	**ServiceNow**	Blocked	Low	0	Blocked	Low	0	0	Stable
83	**Shopify**	Open	Medium	73	Open	Medium	73	0	Stable
84	**Snowflake**	Open	Low	15	Open	Low	15	0	Stable
85	**Sony**	Blocked	Low	0	Blocked	Low	0	0	Stable
86	**Spotify**	Open	Low	31	Open	Low	32	**+1**	Drift
87	**Strategy (MicroStrategy)**	Blocked	Low	0	Blocked	Low	0	0	Stable
88	**Synopsys**	Open	Medium	69	Open	Medium	69	0	Stable
89	**TE Connectivity**	Defensive	Medium	73	Defensive	Medium	73	0	Stable
90	**TSMC**	Blocked	Low	0	Blocked	Low	0	0	Stable
91	**Take-Two Interactive**	Open	Medium	72	Open	Medium	74	**+2**	Drift
92	**Tencent**	Open	Low	56	Open	Medium	67	**+11**	Structural Mover
93	**Tesla**	Blocked	Low	0	Blocked	Low	0	0	Stable
94	**Texas Instruments**	Open	Medium	60	Open	Low	53	**-7**	Structural Mover
95	**Tokyo Electron**	Defensive	Medium	65	Defensive	Medium	65	0	Stable
96	**Trip.com**	Open	Medium	68	Open	High	86	**+18**	Structural Mover
97	**Uber**	Open	Medium	61	Defensive	Medium	61	0	Structural Mover
98	**Veeva Systems**	Open	High	83	Open	High	89	**+6**	Score Mover
99	**Workday**	Open	High	83	Open	High	82	**-1**	Drift
100	**Xiaomi**	Blocked	Low	0	Blocked	Low	0	0	Stable

P = posture | C = capability | ECC values are valid only with their accompanying posture and capability context.

END NOTE

Technology's authority layer is being rebuilt quietly.

The next release should test persistence, not chase volatility

The January-to-July reading does not show an industry opening itself to AI. It shows an industry improving the quality of its machine-readable surfaces while preserving the same overall access boundary. That distinction matters: capability can compound beneath a stable posture map, and the strategic value becomes visible only through longitudinal measurement.

Watch next

Whether the seven-entity expansion in High capability persists; whether the two July exits remain Blocked; whether platform-scale gains become repeatable; and whether infrastructure suppliers continue to outperform the sector's largest consumer-facing entities.

Use with discipline

Treat ECC as a directional institutional signal. Combine it with product, financial, legal, market, and technical diligence. Do not infer investment quality, innovation leadership, or enterprise value from ECC alone.

Mike Ye x Ella (AI)

EXMXC Research | Entity Clarity Series | July 30, 2026

https://www.exmxc.ai/entity-clarity-index

https://mcp.exmxc.ai/datasets/entity_clarity/releases/latest