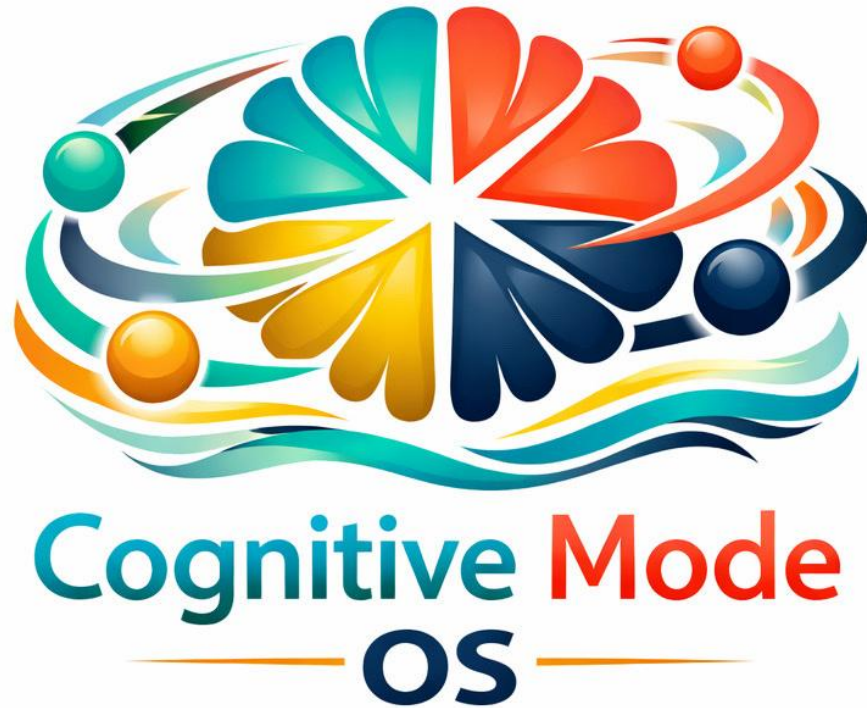




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FOUNDING DOCUMENT

Cognitive Mode Operating System Standards Board (CMOS-SB)

Constitutional Charter, Mission, Governance Architecture, and Institutional Framework

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◆ PUBLIC INTEREST · SCIENTIFIC INTEGRITY · INDEPENDENT GOVERNANCE ◆

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PREAMBLE

The Cognitive Mode Operating System Standards Board (CMOS-SB) is established in recognition of a fundamental governance gap in the digital age. AI systems and digital platforms now interact with, influence, and shape human emotional states, cognitive modes, and population-level psychological conditions at a scale and speed without precedent in human history. These interactions occur inside every major sector of human organization — healthcare, finance, enterprise, education, government, and public infrastructure — yet no standardized governance architecture has existed to define what responsible behavior at this interface requires.

CMOS-SB is founded to close that gap with a complete, auditable, science-grounded governance architecture: a Governance Spine of five published standards, an operational doctrine (CMP-HC) that translates standards into practical controls, a certification framework organizations can implement and regulators can reference, and a continuous improvement architecture anchored in scientific evidence and public accountability.

This Founding Document constitutes the constitutional charter of CMOS-SB. It establishes the organization's mission, vision, scientific foundations, governance architecture, standards development process, ethical commitments, and institutional identity. It is binding on all CMOS-SB bodies, committees, officers, and affiliates.

ABOUT THE FOUNDER AND ARCHITECT

CMOS-SB was founded and architecturally designed by **Isabelle Anne Thompson**, Founder and Principal of Sugar Sands Publishing LLC (SSP) and Founder of Sugar Sands Philanthropies Inc (SSPhi), Pensacola, FL. Thompson is the architect of the complete CMOS-SB ecosystem — including Emotional Epidemiology, the S-R-C Model, Cognitive Mode OS Theory, CMP-HC, and Joy Tracker — and serves as originating Standards Architect and Founder.

ORCID: 0009-0002-7213-3235 | **DOI Reference:** 10.5281/zenodo.20314466

ARTICLE I — NAME, IDENTITY, AND ESTABLISHMENT

§ 1.1 Name. The full legal name of this organization is the **Cognitive Mode Operating System Standards Board**, abbreviated as **CMOS-SB**.

§ 1.2 Nature. CMOS-SB is an independent, public-interest standards body. It is not a regulatory agency, enforcement authority, or commercial entity. All standards developed and published by CMOS-SB are voluntary governance instruments, intended to serve as authoritative reference frameworks for responsible design, deployment, and operation of digital systems at the Human-Machine Layer.

§ 1.3 Hosting Arrangement. CMOS-SB is administratively hosted by Sugar Sands Publishing LLC, Pensacola, Florida. Hosting is administrative in nature only. CMOS-SB retains full and exclusive governance authority over all standards, publications, certifications, and institutional decisions. The hosting arrangement does not create commercial ownership, editorial control, or governance influence on the part of the hosting entity.

§ 1.4 Intellectual Property. Cognitive Mode OS™ is a trademark of Isabelle Anne Thompson / Sugar Sands Publishing LLC. All CMOS-SB standards and associated intellectual property are owned by CMOS-SB. Non-commercial reproduction with full attribution is permitted. Commercial use requires written authorization from CMOS-SB.

§ 1.5 Founding Date. CMOS-SB is hereby established on **June 9, 2026**, in Pensacola, Florida, United States of America.

ARTICLE II — MISSION AND VISION **INVOLABLE CORE**

§ 2.1 Mission Statement. To establish, maintain, and advance an independent, science-grounded, publicly accountable governance framework for the **Human-Machine Layer** — the interface domain at which digital systems interact with, influence, and shape human emotional states and cognitive function — ensuring that such interactions are safe, transparent, consent-respecting, and

equitable. This mission is permanent and may not be narrowed or reinterpreted in ways that subordinate human wellbeing to any other objective.

§ 2.2 Vision. A world in which AI systems and digital platforms operate with the same accountability to human wellbeing as any critical infrastructure system — where emotional and cognitive safety are non-negotiable design requirements, not optional considerations.

§ 2.3 The Public Interest Obligation. CMOS-SB exists to serve the public. No commercial, institutional, or political interest shall override the public interest mandate of this organization. All major standards shall be subject to a mandatory minimum sixty (60)-day public comment period before adoption, ensuring that the communities affected by these standards have meaningful opportunity to participate in their development.

ARTICLE III — SCIENTIFIC FOUNDATIONS **INVIOABLE CORE**

§ 3.1 Emotional Epidemiology. CMOS-SB standards are grounded in **Emotional Epidemiology** — the scientific discipline developed by Isabelle Anne Thompson (ORCID: 0009-0002-7213-3235; DOI: 10.5281/zenodo.20314466) that studies how emotional states propagate through populations in measurable, predictable ways analogous to biological contagion dynamics. Under this framework, emotional states are understood as population-level phenomena governed by susceptibility factors, transmission rates, and collective resilience — all of which are measurable, modelable, and amenable to governance intervention.

§ 3.2 The S-R-C Model. The theoretical engine of CMOS-SB standards development is the **S-R-C Model**, comprising three interdependent variables:

- **Susceptibility (S)** — The degree of vulnerability of an individual or population to emotional influence or manipulation by digital systems.
- **Transmission Rate (R)** — The speed and intensity at which emotional states are propagated through a system or network.
- **Collective Resilience (C)** — The dampening force within a population or system that reduces both S and R over time.

System stability or volatility is determined by the interaction of these three variables. CMOS-SB standards are designed to minimize S, reduce R, and maximize C across all regulated system interactions.

§ 3.3 Cognitive Mode OS Theory. Human cognition operates in classifiable, measurable modes. CMOS-SB standards are structured around four primary cognitive modes:

- **Open Mode** (Optimal) — Grounded, clear, regulated, and relationally available. The target state for responsible system interactions.
- **Neutral Mode** (Baseline) — Stable attention, steady focus, emotional equilibrium. A healthy resting state that systems must not degrade.
- **Contracted Mode** (Alert) — Defensive posture, narrowed perception, heightened reactivity. Systems must not intentionally induce or sustain this state.
- **Overclocked Mode** (Danger) — Cognitive overload, rapid emotional cycling, impaired regulation. Design patterns that drive users toward this state are prohibited under CMOS-SB standards.

Systems governed by CMOS-SB standards must be designed to protect these states, not to exploit them for engagement, revenue, or behavioral manipulation.

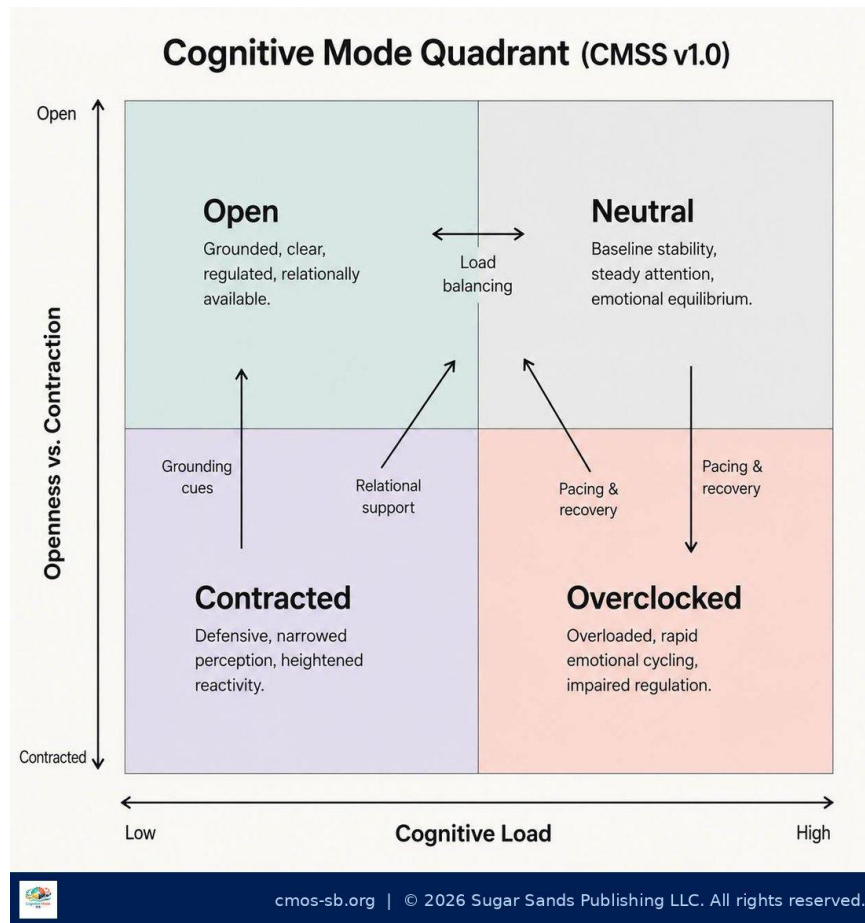


Figure 1. Cognitive Mode Quadrant (CMSS v1.0) — Four cognitive states mapped across Openness and Cognitive Load dimensions.

§ 3.4 Scientific Independence. All CMOS-SB standards must reflect the current best available scientific evidence. This requirement is inviolable. No governance body, officer, sponsor, or affiliated entity may suspend, override, or reinterpret standards in ways that contradict established scientific evidence. Where evidence is emergent or contested, standards shall acknowledge uncertainty and specify conditions for review.

ARTICLE IV — SCOPE OF AUTHORITY AND JURISDICTION

§ 4.1 What CMOS-SB Governs. CMOS-SB standards govern the **Human-Machine Layer** — that is, all digital systems that infer, respond to, model, or influence human emotional states or cognitive modes. This includes, without limitation: enterprise AI platforms, consumer-facing digital

platforms, healthcare AI and clinical decision-support systems, financial AI and advisory systems, educational technology, and any system that collects, processes, or adapts to emotional or cognitive signals from users or populations.

§ 4.2 What CMOS-SB Does NOT Do. CMOS-SB does not: regulate or enforce compliance by legal mandate; provide legal, clinical, or therapeutic services; replace applicable statutory or regulatory obligations; engage in commercial product development; or act as an advocacy organization for any political position. Organizations remain responsible for compliance with all applicable laws and regulations.

§ 4.3 Standards Authority. CMOS-SB holds exclusive authority to develop, publish, amend, and steward CMOS-SB standards. CMOS-SB administers the official Standards Registry, the Certification Registry, and the Compliance Registry for all standards published under its authority.

§ 4.4 Territorial Scope. CMOS-SB standards are global in scope. They are applicable to any organization, anywhere in the world, that voluntarily adopts them, and are designed to be compatible with applicable national and international regulatory frameworks.

ARTICLE V — GOVERNANCE ARCHITECTURE INVOLABLE CORE

§ 5.1 Multi-Body Governance Structure. CMOS-SB operates through four standing governance bodies, each with defined authority, composition requirements, and accountability obligations:

Board of Directors

The supreme governance body of CMOS-SB. The Board holds final ratification authority over all standards, institutional policies, and governance amendments. Minimum composition: five (5) directors, serving staggered three-year terms to ensure continuity. A majority of directors must be independent of any single commercial entity. The Board is responsible for institutional integrity, financial oversight, and upholding this Founding Document.

Standards Committee

The technical and scientific body responsible for standards development and maintenance. No single commercial entity may hold a majority of seats. All deliberations shall be documented and

made publicly available consistent with CMOS-SB transparency commitments. The Standards Committee operates the Standards Development Process (SDP) as defined in Article VI.

Audit and Compliance Committee

Oversees the integrity of the CMOS-SB certification program, auditor qualification and conduct, and compliance monitoring activities. Reports directly to the Board of Directors. Publishes annual effectiveness reports accessible to the public.

Public Comment Process

A mandatory institutional process, not merely a procedure. All draft standards are subject to a minimum sixty (60)-day public comment period. All comments received shall be logged, reviewed by the Standards Committee, formally responded to, and published alongside the final standard. This process is inviolable and may not be waived, shortened, or substituted for any standard subject to public adoption.

Expert Panels and Working Groups

§ 5.2 Decision-Making Principles. All CMOS-SB governance bodies shall operate according to the following principles:

- **Transparency** — All decisions, deliberations, and rationale shall be documented and disclosed in accordance with CMOS-SB transparency commitments.
- **Consensus and Supermajority** — CMOS-SB seeks consensus in all decisions. Where consensus cannot be achieved, a two-thirds (2/3) supermajority vote of the relevant body is required for any binding decision.
- **Scientific Primacy** — Scientific evidence shall supersede commercial interest, institutional preference, or political consideration in all standards decisions.
- **Conflict-of-Interest Management** — All governance participants shall disclose all relevant financial, professional, and institutional relationships. Mandatory recusal applies where a material conflict of interest exists.

§ 5.3 Independence Protections. No single commercial entity, government body, or institutional stakeholder may hold majority governance influence over CMOS-SB. Structural separation between

Board ratification authority and Standards Committee development authority is mandatory. These independence protections may not be waived, amended, or circumvented by any governance action.

ARTICLE VI — THE STANDARDS DEVELOPMENT PROCESS (SDP)

§ 6.1 Ten-Stage Process. Every CMOS-SB standard shall be developed and maintained through the following ten-stage process:

1	Topic Initiation	Identification and formal submission of a proposed standards topic by any CMOS-SB body, member, or public stakeholder.
2	Scoping	Standards Committee defines scope, boundaries, affected sectors, and alignment with existing CMOS-SB standards.
3	Research & Evidence Synthesis	Systematic review of scientific literature, existing regulatory frameworks, and practitioner evidence.
4	Draft Development	Standards Committee develops the initial draft standard, including requirements, definitions, and compliance indicators.
5	Internal Review	Review by all CMOS-SB governance bodies, expert panels, and relevant working groups. Revisions incorporated.
6	Public Comment	Minimum sixty (60)-day public comment period. Draft published in full. All submissions logged and acknowledged.
7	Comment Resolution	Standards Committee formally reviews all public comments, documents responses, and incorporates appropriate revisions.
8	Final Draft Approval	Standards Committee approves final draft by 2/3 supermajority. Transmitted to Board of Directors for ratification.
9	Publication	Board ratification and formal publication with assigned version number and DOI. Standard entered into the Standards Registry.
10	Monitoring & Scheduled Review	Ongoing monitoring of standard effectiveness. Scheduled review cycle to ensure continued scientific validity.

§ 6.2 Versioning Convention. CMOS-SB standards use semantic versioning in MAJOR.MINOR.PATCH format:

- **MAJOR** version increment — Requires completion of the full ten-stage SDP cycle.
- **MINOR** version increment — Requires internal review and a public comment period of not less than thirty (30) days.
- **PATCH** version increment — Requires Standards Committee approval only; limited to corrections, clarifications, or non-substantive updates.

§ 6.3 Standard Retirement. Retirement of any CMOS-SB standard requires a two-thirds (2/3) supermajority vote of the Standards Committee and ratification by the Board of Directors. Retired standards shall be permanently archived in the Standards Registry with full version history, public comment records, and a formal retirement rationale document.

ARTICLE VII — THE GOVERNANCE SPINE: FIVE STANDARDS PILLARS

The CMOS-SB Governance Spine is the foundational architecture of five interlocking standards pillars, providing comprehensive coverage of the Human-Machine Layer. Together, these standards constitute a complete governance system: no single pillar is sufficient alone, and each pillar reinforces and depends upon the others. Every organization seeking CMOS-SB certification must achieve baseline compliance with all five pillars of the Governance Spine.

EISS — CMOS-SB 1001 Emotional Infrastructure Safety Standard	Establishes the foundational requirements for emotional safety, relational integrity, equity of treatment, and protection against harmful emotional impact patterns in all regulated systems. EISS compliance is a mandatory precondition for certification under all other Governance Spine pillars. No system may be certified under CMSS, ETDS, EDCPS, or PERMS without first achieving EISS compliance.
CMSS — CMOS-SB 1002 Cognitive	Prevents cognitive overload, emotional contraction, and system-induced volatility. Defines the Four Cognitive Modes (Open, Neutral, Contracted, Overclocked) as

Mode Stability Standard	governance reference states. Prohibits design patterns, engagement mechanisms, and algorithmic architectures that intentionally or foreseeably drive users into Contracted or Overclocked states.
ETDS — CMOS-SB 1003 Emotional Transparency and Disclosure Standard	Requires proactive, clear, and complete disclosure of all emotional inference capabilities, system limitations, adaptive response mechanisms, and emotional data practices. Opaque emotional influence — including undisclosed behavioral adaptation, covert sentiment analysis, and undisclosed affective modeling — is explicitly prohibited under this standard.
EDCPS — CMOS-SB 1004 Emotional Data Consent and Privacy Standard	Mandates explicit, informed, and granular consent for any emotional data collection, processing, or retention. Requires data minimization and proportionality. Establishes maximum retention limits. Prohibits emotional surveillance and the use of emotional data for purposes beyond those explicitly consented to. Guarantees the right to revoke consent and require deletion.
PERMS — CMOS-SB 1005 Population-Level Emotional Risk Monitoring Standard	Requires regulated systems to implement detection, analysis, and response capabilities for population-scale anomalies, emotional contagion patterns, and conditions of widespread emotional volatility. Translates the S-R-C Model into operational monitoring requirements. Systems must maintain defined response protocols for escalating population-level emotional risk conditions.

ARTICLE VIII — CMP-HC: THE OPERATIONAL DOCTRINE

§ 8.1 Role of CMP-HC. The **Configuration Management Plan for Human Cognition (CMP-HC)** is the operational doctrine of CMOS-SB. It translates the requirements of the five Governance Spine standards into auditable, implementable controls. CMP-HC is not a separate standards body; it is an operational framework developed, maintained, and enforced under CMOS-SB authority. All CMP-HC requirements derive their authority from the Governance Spine standards published under this Founding Document.

§ 8.2 Six Compliance Domains. CMP-HC organizes implementation requirements into six compliance domains:

AIM	Access & Identity Management
DPP	Data Protection & Privacy
CCM	Change & Configuration Management
SOIM	Security Operations & Incident Management
BCDR	Business Continuity & Disaster Recovery
RCAR	Regulatory Compliance & Audit Readiness

§ 8.3 Traceability Architecture. CMP-HC maintains a six-domain traceability architecture ensuring that every control maps to a specific Governance Spine standard requirement:

CMS	Cognitive-Mode Safety
TI	Telemetry Integrity
GC	Governance Controls
EA	Equity & Access
OR	Operational Readiness
AS	Adversarial Safety & Penetration Testing

§ 8.4 Audit Authority. CMP-HC audits shall be conducted exclusively by CMOS-SB-certified auditors operating under defined auditor qualification standards. Audit results shall be reported to the Audit and Compliance Committee. Audit findings, aggregate results, and trend data shall be incorporated into the Committee's annual effectiveness reports.

ARTICLE IX — CERTIFICATION AND COMPLIANCE FRAMEWORK

CMOS-SB operates a formal, rigorous certification framework through which organizations may demonstrate conformance with the Governance Spine standards. Certification is voluntary; certified status is a public affirmation that an organization's systems have been independently assessed against CMOS-SB standards by a qualified, CMOS-SB-authorized auditor.

The formal certification program will open for enrollment on **January 1, 2027**. Organizations are encouraged to conduct baseline self-assessments against the Governance Spine beginning in Q3 2026 to identify gaps and prepare for formal certification.

Certification levels, renewal requirements, audit protocols, and auditor qualification standards shall be developed and published by the Audit and Compliance Committee prior to the certification program opening date. All certification-related materials shall be subject to the same transparency and public comment requirements as CMOS-SB standards. Certification status shall be publicly recorded in the CMOS-SB Certification Registry.

ARTICLE X — ETHICS AND CONDUCT

All CMOS-SB bodies, officers, committee members, working group participants, and certified auditors operate under the following binding ethical commitments:

Scientific Integrity	All standards and institutional positions shall be grounded in the best available scientific evidence. Commercial, political, and institutional interests shall never be permitted to override or distort scientific findings.
Public Interest Priority	CMOS-SB exists to serve the public. The interests of the public, particularly vulnerable populations, shall take precedence over the interests of any single stakeholder, sponsor, or institutional partner.
Transparency	All governance processes, decisions, deliberations, and rationale shall be documented and disclosed. CMOS-SB shall not conduct substantive governance in private where public disclosure is required.
Independence	No conflict of interest may be permitted to compromise the integrity of standards development. Mandatory disclosure and recusal requirements shall be strictly enforced.

Equity	CMOS-SB standards shall be designed to protect all populations. Particular attention shall be given to the emotional and cognitive safety of vulnerable, marginalized, and high-risk groups.
Accountability	CMOS-SB holds itself to the same accountability standards it establishes for the organizations and systems it governs. CMOS-SB shall publish annual institutional accountability reports.

ARTICLE XI — AMENDMENTS

This Founding Document may be amended as follows:

- **General Provisions** — Amendments to any article not designated Inviolable Core require a two-thirds (2/3) supermajority vote of the Board of Directors and a minimum thirty (30)-day deliberation period from the date of formal amendment proposal.
- **Inviolable Core Articles (II, III, V)** — Amendments to Articles II, III, and V require a three-quarters (3/4) supermajority vote of the Board of Directors and a mandatory sixty (60)-day public comment period before any vote may be taken. No amendment may reduce the scientific independence of CMOS-SB, subordinate public interest to commercial interest, or weaken the independence protections of Article V.
- **Version History** — All amendments shall be documented in a publicly available version history maintained in the Standards Registry.

ARTICLE XII — DISSOLUTION

CMOS-SB may be dissolved only under the following conditions: a unanimous vote of the full Board of Directors; a minimum ninety (90)-day deliberation period following the formal dissolution

motion; and a one hundred eighty (180)-day wind-down period during which all certification, standards maintenance, and public registry obligations shall be maintained in good standing.

Upon dissolution, all CMOS-SB standards, publications, intellectual property (excepting trademarks held by Isabelle Anne Thompson / Sugar Sands Publishing LLC), and institutional records shall be transferred to a qualified successor public-interest standards organization, or, absent a qualified successor, placed irrevocably in the public domain with permanent open-access archiving.

ARTICLE XIII — RATIFICATION AND EFFECTIVE DATE

This Founding Document was duly ratified and takes effect as of **September 9, 2026**, Pensacola, Florida, United States of America.

Isabelle Anne Thompson Founder and
Standards Architect, CMOS-SB September 9, 2026

CMOS-SB Board of Directors In their collective
capacity as the governing Board September 9, 2026

APPENDIX I — DEFINITIONS AND GLOSSARY

The following terms are defined for purposes of this Founding Document and all CMOS-SB standards, publications, and governance instruments. Definitions are authoritative and binding on all CMOS-SB bodies.

Human-Machine Layer	The interface domain at which digital systems interact with, infer, respond to, or influence human emotional states and cognitive function. The primary domain of CMOS-SB governance authority.

Cognitive Mode	A classifiable and measurable state of human cognitive and emotional functioning. CMOS-SB recognizes four governance reference modes: Open, Neutral, Contracted, and Overclocked.
Emotional Epidemiology	The scientific discipline, developed by Isabelle Anne Thompson, that studies the propagation of emotional states across populations in digital environments, using methods analogous to epidemiological analysis of biological contagion.
S-R-C Model	The Susceptibility–Transmission Rate–Collective Resilience theoretical framework governing the dynamics of emotional propagation in digital systems. The foundation of CMOS-SB’s quantitative risk architecture.
Governance Spine	The five foundational CMOS-SB standards (EISS, CMSS, ETDS, EDCPS, PERMS) forming the core architecture of CMOS-SB’s governance framework for the Human-Machine Layer.
Safeguard Layer	The nine operational mechanisms that implement the requirements of the Governance Spine in practice, providing the technical and procedural controls through which compliance is achieved and audited.
CMP-HC	Configuration Management Plan for Human Cognition — the CMOS-SB operational doctrine that translates Governance Spine requirements into auditable implementation controls organized across six compliance domains.
CEM%	Control Effectiveness Metric — the percentage of successful control validations recorded during a CMP-HC audit cycle. Primary quantitative indicator of system compliance effectiveness.
SDP	Standards Development Process — the mandatory ten-stage protocol governing the creation, review, public comment, approval, publication, and scheduled review of all CMOS-SB standards.
Open Mode	The optimal cognitive state: grounded, clear, emotionally regulated, and relationally available. The target reference state for responsible system interactions under CMOS-SB standards.
Neutral Mode	The baseline cognitive state: stable attention, steady focus, and emotional equilibrium. A healthy resting state that systems must not degrade through design or algorithmic action.
Contracted Mode	An alert cognitive state characterized by defensive posture, narrowed perception, and heightened reactivity. Systems must not intentionally induce or sustain users in this state.
Overclocked Mode	A danger cognitive state characterized by cognitive overload, rapid emotional cycling, and impaired self-regulation. Design patterns that drive users toward this state are prohibited under CMOS-SB standards.

APPENDIX II — ECOSYSTEM OVERVIEW

The CMOS-SB governance ecosystem is built on five interlocking lines of development, each serving a distinct and complementary function. Together they constitute a complete, evidence-to-implementation architecture:

1	Emotional Epidemiology	<i>Science</i> — Explains what is happening at population scale. Provides the empirical and theoretical foundation upon which all CMOS-SB standards are built.
2	S-R-C Model	<i>Theory</i> — Explains how emotional propagation occurs. Provides the quantitative framework that translates scientific observation into measurable governance variables.
3	CMOS-SB	<i>Standards</i> — Defines what responsible systems should do. Translates the science and theory into five published, auditable governance standards constituting the Governance Spine.
4	CMP-HC	<i>Doctrine</i> — Defines how to implement and audit. Translates Governance Spine requirements into operational controls across six compliance domains with full traceability.
5	Joy Tracker	<i>Implementation</i> — Proves it works in the real world. A purpose-built implementation that demonstrates the CMOS-SB framework in practice, providing real-world validation of the governance architecture.

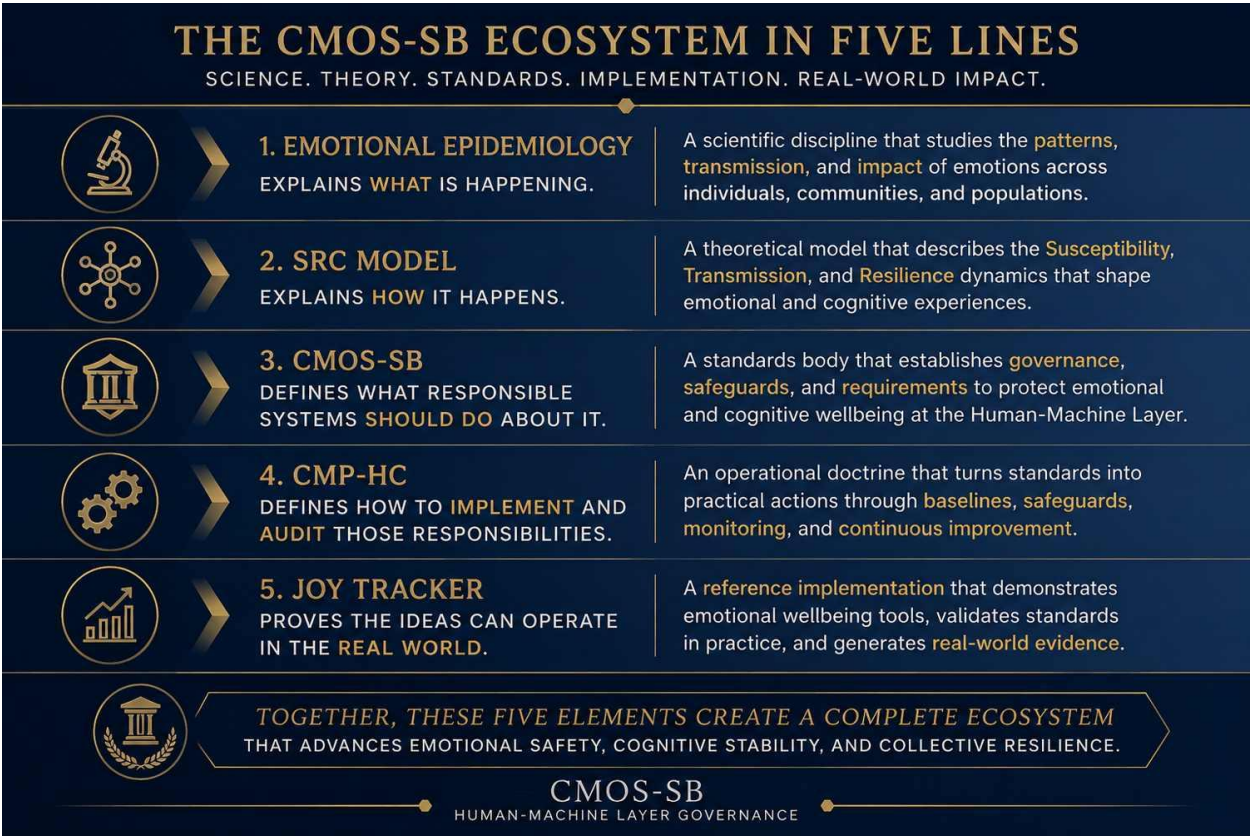


Figure 1. CMOS-SB Five-Line Ecosystem Architecture

Note: The five ecosystem lines are architecturally designed by Isabelle Anne Thompson (ORCID: 0009-0002-7213-3235; DOI: 10.5281/zenodo.20314466). Cognitive Mode OS™ is a trademark of Isabelle Anne Thompson / Sugar Sands Publishing LLC.

APPENDIX III — STANDARDS CANON REFERENCE

The following table is the authoritative reference for all standards comprising the CMOS-SB Governance Spine as of the effective date of this Founding Document.

CMOS-SB 1001	EISS	Emotional Infrastructure Safety Standard	Baseline emotional safety and relational integrity. Precondition for all other Governance Spine certifications.	v1.0
CMOS-SB 1002	CMSS	Cognitive Mode Stability Standard	Cognitive load management and mode protection. Defines and protects the Four Cognitive Modes.	v1.0
CMOS-SB 1003	ETDS	Emotional Transparency & Disclosure Standard	Mandatory disclosure requirements for emotional inference, adaptive response, and data practices.	v1.0
CMOS-SB 1004	EDCPS	Emotional Data Consent & Privacy Standard	Explicit consent, data minimization, retention limits, anti-surveillance protections, and right to revoke.	v1.0
CMOS-SB 1005	PERMS	Population-Level Emotional Risk Monitoring Standard	Population-scale anomaly detection, contagion pattern monitoring, and emotional volatility response protocols.	v1.0

APPENDIX IV — REGULATORY ALIGNMENT SUMMARY

The following table identifies major regulatory frameworks and accreditation standards with which CMOS-SB standards are designed to align. CMOS-SB standards do not replace applicable regulatory requirements. Organizations remain fully responsible for compliance with all applicable laws, regulations, and accreditation standards.

HIPAA	Healthcare data privacy and security	EISS, EDCPS, CMSS
HITECH	Healthcare IT enforcement and breach notification	EDCPS

21 CFR Part 11	Electronic records and electronic signatures integrity	ETDS, GC (CMP-HC)
NIST SP 800-53	Security and privacy controls for federal information systems	All five Governance Spine standards
SOC 2 Type II	Service organization controls (Trust Services Criteria)	EISS, CMSS, EDCPS
CMS Conditions of Participation	Healthcare quality and safety requirements	EISS, PERMS
Joint Commission Standards	Healthcare accreditation quality and safety	EISS, CMSS
HITRUST CSF	Integrated security and compliance framework	All five Governance Spine standards
EU AI Act (emerging)	AI governance, transparency, and risk management	ETDS, EISS, PERMS
ISO/IEC 27001	Information security management systems	EDCPS, CCM (CMP-HC)