

Poly Inc. White Paper

August 2026

1. Executive Summary

Poly Inc. is building **the everything app for work** — a unified, AI-native workspace that replaces the fractured ecosystem of disconnected productivity tools with a single intelligent platform. Chat, documents, spreadsheets, email, code, research, finance, media creation, project management, and more live inside one account, share the same files, and are served by one assistant that operates across all of them.

But the workspace is the starting line, not the finish. Poly's true aim is **Artificial Super Intelligence (ASI)**. The platform is engineered as a compounding intelligence flywheel: every user interaction generates structured data that feeds increasingly capable models, eventually enabling sovereign foundation models, a purpose-built AI operating system, and custom hardware.

Poly pursues this through a deliberate **dual-market strategy**: B2B enterprise solutions for stable, recurring revenue, and a crypto-native B2C track that provides independent funding and a live proving ground for autonomous AI agents — ensuring the company can walk the path to ASI without compromise.

2. Vision & Mission

Vision

Artificial Super Intelligence — intelligence that surpasses human capability across all domains, harnessed to elevate human potential rather than displace it.

Mission

Build the everything app for work — a single platform covering every aspect of knowledge work, empowered by automation and AI. From that foundation, progress through six phases:

1. **Unified Workspace** — One platform, one assistant, all tools. (Live today.)
2. **Agent Autonomy** — AI agents that move from assistive to autonomous: managing portfolios, running workflows, executing continuous research.

3. **Sovereign Models** — Train foundation models from scratch on Poly's own accumulated data. No API dependency. Full alignment control.
4. **Poly OS** — An AI-first operating system where the workspace is the desktop.
5. **Poly Hardware** — Custom silicon and devices purpose-built for AI workloads and human-AI interaction.
6. **ASI** — The culmination: intelligence serving humanity at superhuman scale.

Every feature shipped, every user onboarded, every interaction logged moves the company one step forward on this path.

3. The Problem: Work Is Broken

The modern knowledge worker spends their day navigating a fragmented landscape of isolated tools — each with its own interface, its own data model, its own subscription, and its own separate AI bolted on as an afterthought.

A typical workflow: research in a browser tab, notes in a doc, data in a spreadsheet, communication in email and chat, project tracking in a board, code in an IDE, financials in a separate dashboard. **None of these speak to each other.** The AI in one does not know what the AI in another has learned. The user becomes the integration layer — copying, pasting, switching, re-entering context — and humans are a poor substitute for native interoperability.

The result is not just lost time. It's **lost intelligence**. Every context switch is a break in the data stream that could otherwise train models, refine workflows, and compound into capability.

Meanwhile, the market offers no real alternative. Incumbents bolt AI onto legacy products never designed for it. Startups build point solutions that excel at one thing but add yet another silo. **No one is building the platform.**

4. The Poly Platform: One Workspace, One Intelligence

Poly is built from the ground up as a single, integrated workspace — not a collection of acquired products stitched together. Every section runs on the same account, shares the same files, is served by the same assistant (**Cube**), and contributes to the same intelligence layer. The assistant is not confined to chat — it reaches into every section to do real work: create documents, launch deep research, execute code, send email, generate media, stage trades, manage projects.

4.1 Chat — The Command Center

Threaded, multi-tab conversations with full context across the platform. Cube can access any document, launch research agents, run code, and orchestrate multi-step workflows — all without leaving the conversation. A right-hand panel surfaces relevant documents, research sessions, agents, and the infinite canvas. **Chat is not a chatbot. It's the control plane for the entire workspace.**

4.2 Office — Documents, Spreadsheets, Presentations & More

Full office suite: rich-text documents (.docx import/export), Excel-compatible spreadsheets with formulas, slide decks, kanban boards, forms, charts, publications, and PDF tools (annotate, assemble, compose). Everything is shareable by link with expiry or password. **Cube creates any of these on command** — no manual setup needed.

4.3 Journal — Research Notebooks That Think

Multi-page, persistent notebooks with a page tree, full-text search, code cells, citations, and an in-notebook assistant. Domain toolkits add specialized templates and AI actions — turning a notebook into a lab notebook, a legal research log, or a financial analysis journal. **Where Office produces finished deliverables, Journal is where thinking happens.**

4.4 Research — Deep Investigation, Not Just Search

Autonomous research agents that conduct multi-step investigations across 11 domain-specialized pipelines: academic literature review, competitive analysis, market sizing, patent search, legal research, medical literature, financial analysis, GitHub/code investigation, product comparison, hypothesis testing, and investigative fact-checking. Results stream live and are permanently browsable. **This is not a search engine — it's a research department.**

4.5 Mail — A Real Inbox, Served by AI

A full, send-capable mailbox integrated into the platform. Cube triages the inbox, finds and reads messages, drafts replies, and sends — all with the same context it has from every other section. **Your assistant knows what's in your documents, your research, and your inbox simultaneously.**

4.6 Dev — Build, Code, Execute, Iterate, Tools, Models

A no-code software builder, a user throwaway cloud sandbox for Python, JavaScript, and Bash — real execution with real output. Paired with an advanced dev tool suite, a model management playground, and the Code CLI bridge for local development. Cube runs computation, verifies logic, parses data, and returns results as ground truth — no mental arithmetic, no guessing.

4.7 R&D — The Scientific Method, Baked In

Structured research programme management: state a hypothesis, pre-register how it will be tested, run experiments with computed (not model-written) statistics, admit evidence to a ledger, and mark findings as confirmatory, exploratory, or post-hoc — each carrying a reproducibility manifest. **For when the answer actually needs to be right.**

4.8 Studio — Image, Video, Audio, Design

Media generation at fast, balanced, or quality tiers with automatic provider fallback. Image generation, short-form video, text-to-speech, film making, plus design, editing, and drawing tools. **All media is produced inside the workspace, stored in the same account, accessible to the same assistant.**

4.9 Projects — Where Work Gets Organized

Personal projects and team workspaces with plans, kanban boards, milestones, quick notes, project memory, file storage, and meetings. Team workspaces add members, roles, shared libraries, saved agents, and workflows. **Enterprise tier adds Solutions:** Lead Generation from public business registers, Sales Training with scored call practice, and Meeting transcription into action items.

4.10 Agents — Build Your Own AI Workforce

Custom AI agents with defined personas, tool allow-lists, and persistent sessions. Run multiple agents in parallel or schedule them for recurring tasks. **Not one assistant — an assistant you can clone, specialize, and deploy.**

4.11 Finance — The Crypto-Native Financial OS

Live market quotes, multi-chain wallet management (Solana, Ethereum, Base, BNB Chain, Arbitrum, Optimism, Polygon, Avalanche, Robinhood Chain), DEX trading with safety checks, AI trading agents, on-chain explorer, token intelligence (holder analysis, supply concentration, liquidity depth, order flow), and automated trading flows. **The Finance section is not an add-on — it is the spearhead of Poly's crypto-native strategy, targeting a global user base that lives on-chain.**

4.12 Psyche — The Reflective Layer

A mind view, a personal journal, gamified activities, and psychological instruments. **Because the everything app for work should also understand the worker.**

4.13 Auto — Visual Automation

A node-graph workflow builder for chaining steps and agents together — including agent-to-agent chains — runnable directly from the canvas. **Automation without code, but with full platform access.**

4.14 Canvas — Infinite Spatial Workspace

Every document, chat, research stream, and section view opens as a movable, wireable window on an infinite canvas. **The spatial interface for people who think spatially.**

4.15 Voice — Hands-Free

Real-time speech-to-text and text-to-speech with call agents. **The platform works the way you do — including when your hands are busy.**

5. The Intelligence Flywheel

The 15 sections are not just tools — they are **data generators**. Every research query and its resolution, every code execution and its output, every trade and its outcome, every document edit and editorial decision — all of it is structured, stored, and available for model training. **This is the flywheel:**

1. Users get a superior, integrated workspace they use daily
2. Usage generates structured, multi-modal data at scale
3. Data trains increasingly capable models and unlocks personalized user intelligence (Phase III: Sovereign Models)
4. Better models make the platform more useful → more users → more data

No other AI company has this — a product people use for everything, generating training data across every domain of knowledge work, ensuring maximal user data privacy, and all under one roof.

6. Market Strategy: The Dual Track

6.1 B2B — Stability & Scale

Enterprise teams get multi-tenant workspaces with shared libraries, project memory, saved agents, and custom Solutions. **B2B delivers:** predictable SaaS revenue, cross-industry training data, enterprise credibility, and long-term R&D funding.

6.2 B2C (Crypto-Native) — Sovereignty & Speed

A deliberate strategic choice to prioritize **integrity and independence**. The crypto-native track provides an independent funding path outside traditional venture capital, aligns with

a global user base that values self-custody and decentralization, and serves as a live adversarial proving ground for autonomous AI agents in financial markets. **Future native token economics** will align users with platform success.

6.3 Why Both?

- B2B = stable revenue, enterprise validation, diverse data
 - Crypto = independence from traditional gatekeepers, real-world agent testing, community ownership
 - Together they fund the path to ASI without optimizing for short-term exits
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7. Governance & Sovereignty Principles

- **Model independence:** Model-agnostic today, self-sufficient tomorrow. No single provider dependency.
 - **Data integrity:** User data is never sold. It is structured to improve that user's experience and, in aggregate, to train sovereign models.
 - **Dual-revenue resilience:** No single stakeholder class dictates the roadmap.
 - **Progressive decentralization:** The crypto-native community participates in protocol-level governance as the platform matures.
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8. Roadmap

Phase	Stage	Status
I	Unified Workspace — 15 sections, one assistant	Live
II	Agent Autonomy & a cross-device ecosystem — autonomous workflows, trading, research, available on mobile, web, and desktop	In development
III	Sovereign Models — own foundation models, no API dependency	Planned
IV	Poly OS — AI-first operating system	Planned

V	Poly Hardware — custom silicon and devices	Planned
VI	ASI — superhuman intelligence across all domains	North Star

9. Conclusion

Poly is not building a better chat app, a better document editor, or a better trading terminal. It is building **the platform where all of those things are one thing** — and where that one thing grows smarter with every use.

The everything app is the visible product. The intelligence flywheel is the invisible one. And the dual-market strategy ensures that the path from here to ASI can be walked with conviction, not compromise.
