



SASVA™ 4.0

From Individual Productivity to Team Intelligence

One Brain.
Humans and AI.
Working as one team.



AI tools made individual developers faster. They left the team behind.

SASVA™ 4.0 puts humans and AI agents into a single governed collaboration where they plan together, build together and deliver together.

THE BRAIN

Where humans and agents think, build and deliver together.

Architects design the Brain: a visual, living graph that holds the master plan. They define every persona, every system, every guardrail, and every dependency. Humans bring domain expertise, strategic judgment, and design authority. AI agents bring speed, pattern recognition, and tireless execution. The Brain is the shared surface where both operate as visible, accountable participants.

Execution divides into waves and phases. Each phase knows which human drives it, which agent supports it, and which guardrails constrain both. Domain experts encode deterministic guardrails at design time. The agentic layer generates at runtime. The design-time layer disciplines. When a step fails, the Brain loops back, rebalances, and moves forward. Humans and agents iterate together until the outcome meets the standard.

Teams share the Brain, fork it, customize it. The institutional collaboration model that used to leave when an architect left now persists, evolves, and compounds across the organization.

EVERY ROLE. PAIRED WITH AI. GOVERNED BY THE BRAIN.

1. **Product Managers + AI** bring market data, user needs, and stakeholder context. The Brain synthesizes requirements that are buildable from the start because it already understands the code and deployment architecture. The human sets the intent. AI validates feasibility in real time.
2. **Architects + AI** design the Brain together. The human defines the execution graph, guardrails, and constraints. AI proposes the dynamic agent structure, surfaces dependencies, and optimizes the plan. The human approves. Their design authority governs every action that follows.
3. **Developers and QA + AI** receive their portion of the Brain with full context and guardrails. AI agents execute alongside them, handling pattern-heavy work while humans make judgment calls on architecture, trade-offs, and edge cases. Both contribute. Both are visible.
4. **Across the team** every member sees what every agent does, why it does it, and how it connects to the broader workflow. AI is a transparent, accountable teammate. The Brain governs the collaboration. The humans hold the authority.

WHAT CHANGES WHEN HUMANS AND AI SHARE A BRAIN - THEY DELIVER LAST MILE

Context builds.

Memory accumulates across sessions, stages, and team members. Organization knowledge, architectural decisions, and tribal expertise build over time. Humans contribute judgment. AI retains everything. The longer the team works together, the sharper the system gets.

Handoffs disappear.

Assessment through support as one continuous workflow. When the team moves from planning to code, humans carry intent and AI carries context. Every decision flows forward. Every stage builds on the last. The lifecycle becomes seamless.

AI finishes the work.

A deterministic layer wraps every workflow in a guarded execution path. Humans set the quality bar at design time. AI enforces it at runtime. The Brain closes the gap between first output and production-ready. The last mile, delivered.

WHAT THIS COLLABORATION UNLOCKS

Work that was previously too complex, too risky, or too expensive for AI-assisted delivery.

- Large-scale migration and modernization.
- Platform upgrades across dozens of repositories.
- Industrial, automotive, and financial systems where hallucination has zero tolerance.
- Problems that require multiple personas, multiple systems, and deep organizational context working in concert.
- Complex migration with traditional single-agent approaches consistently plateaus at 20 to 30% completion.

With the Brain orchestrating human expertise and AI execution together, completion has reached approximately 90%. Programs that required six to eight months are being delivered in weeks. The collaborative model is the only approach that has produced these results at enterprise scale.

BUILT ON

Team-first architecture

Every capability organized around the team. Humans and agents share a single collaboration surface, unified context, and common execution model.

Design-time governance

Humans encode guardrails. Agents execute within them. The design-time layer disciplines what the agentic layer generates.

Distributed intelligence

Coordination, consistency, fault tolerance, and horizontal scaling. The rigor of a distributed data system applied to human+AI collaboration.

Full Flexibility, No Lock-in

Cloud, on-prem, hybrid. Any LLM or SLM. ISO/IEC 42001:2023 certified. 105 patents filed. Role-specific interfaces for every persona.



Every role elevates with the Brain behind it.
The last mile, delivered. From diligence to delivery.
Talk to our team.

persistent.com/ai/sasva

About Persistent

Persistent Systems (BSE: 533179 and NSE: PERSISTENT) is a global services and solutions company delivering AI-led, platform-driven Digital Engineering and Enterprise Modernization to businesses across industries. With over 26,500 employees located in 18 countries, the Company is committed to innovation and client success. Persistent offers a comprehensive suite of services, including software engineering, product development, data and analytics, CX transformation, cloud computing, and intelligent automation. The Company is part of the MSCI India Index and is included in key indices of the National Stock Exchange of India, including the Nifty Midcap 50, Nifty IT, and Nifty MidCap Liquid 15, as well as several on the BSE such as the S&P BSE 100 and S&P BSE SENSEX Next 50. Persistent is also a constituent of the Dow Jones Sustainability World Index. The Company has achieved carbon neutrality, reinforcing its commitment to sustainability and responsible business practices. Persistent has also been named one of America's Greatest Workplaces for Inclusion & Diversity 2025 by Newsweek and Plant A Insights Group. As a participant of the United Nations Global Compact, the Company is committed to aligning strategies and operations with universal principles on human rights, labor, environment, and anti-corruption, as well as take actions that advance societal goals. With 468% growth in brand value since 2020, Persistent is the fastest-growing IT services brand in 'Brand Finance India 100' 2025 Report.

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