



# SASVA™

Revolutionizing AI-Driven  
Software Development and  
Business Acceleration



# **The Great Human and AI Paradox: Humanizing Software Development with AI at Superhuman Scale**

Traditional approaches to software development face a fundamental paradox: Humans excel at understanding context but struggle with scale, while AI handles scale but misses nuance. SASVA breaks this paradigm by creating a third dimension beyond the Human + AI Equation — one where context, scale, and human intuition converge to solve previously impossible challenges.

## **Beyond the Traditional Boundaries: Reimagining the Entire Software Development Lifecycle**

SASVA reconstructs the fundamental dynamics of software development by revolutionizing how enterprises conceive, build, and support software. SASVA seamlessly weaves together enterprise's collective knowledge, real-time market intelligence, and development workflows into a unified, deterministic system transforming every stage of software delivery from ideation to customer success by delivering productivity gains at every stage and driving tangible business outcomes.

## Key Features: Unlocking Productivity and Efficiency

- / **Comprehensive Assessment:** Offers a 360-degree project evaluation, identifying technology gaps, technical debt, and opportunities for improvement.
- / **Backlog and Roadmap Management:** Provides context-driven roadmaps and release plans, aligning with market trends and team strengths.
- / **Automated Release Execution:** AI-assisted execution, managing coding, bug fixes, and security with seamless external tool integration.
- / **Enhanced Customer Engagement:** Real-time customer insights enhances customer support and services with up-to-date knowledge, personalized and faster responses.





# Driving Business Transformation across your Enterprise

## For Product Leaders

- / 360° assessment of product
- / Historical success pattern analysis for informed roadmap decisions
- / Competitive analysis integration
- / Market-driven feature prioritization with live market intelligence integration
- / Real-time stakeholder feedback integration
- / Release timeline acceleration with dynamic roadmap optimization

## For Engineering Leaders

- / 360° assessment of release and engineering productivity, and process
- / Automated rollback planning
- / Release management with GTM visibility
- / Release risk assessment and impact analysis
- / Predictive resource planning aligned to project requirements before a single line of code is written

## For Enterprise Architects

- / 360° assessment of technology, security and more
- / Unlimited context window for complete system understanding
- / Real-time architectural pattern validation
- / Cross-project dependency and complexity insights
- / Automated technical debt assessment



## For Development Teams

- / Reduced onboarding time with seamless knowledge transfer between teams
- / Instant access to organization-specific development patterns
- / Company-wide best practice integration
- / Contextual problem-solving based on previous project successes
- / Context-aware code suggestions within native IDE
- / Automated and assisted task execution
- / Real-time validation of implementation against requirements
- / Bug prediction before code commit

## For Quality Assurance Teams

- / Auto-generated test scenarios and impact analysis from requirements
- / Contextual data set curation
- / Performance impact forecasting
- / Security compliance automation
- / Dynamic test case prioritization

## For Customer Success Teams

- / Real-time knowledge access including project-specific implementation history
- / Proactive solution suggestions based on similar customer scenarios
- / Multilingual support capabilities
- / Customer-specific knowledge base generation
- / Personalized customer solutions
- / Custom support playbooks built from successful resolutions
- / Automated documentation of new solution patterns





# The SASVA Advantage

- / **End-to-End Integration:** Connect every phase of your software development lifecycle with seamless tool integration and automated workflows.
- / **Enterprise Memory Bank:** Transform scattered knowledge into a living, breathing development asset that grows with every project onboarding talent quickly, embedding them seamlessly into projects.
- / **Tribal Knowledge Liberation:** Convert decades of tribal knowledge and undocumented expertise into accessible enterprise intelligence providing real-time, context-aware access to project history and client-specific details.
- / **Contextual Intelligence:** Every suggestion, every optimization, and every prediction is based on your company's unique development DNA.
- / **Cross-Project Intelligence:** Learn from every line of code, every customer interaction, and every successful release across your organization.
- / **Ideation and Planning:** Easily translates ideas into detailed plans, setting clear timelines and outcomes.
- / **Zero-friction Adoption with Existing Development Processes:** Seamless workflow Integration, Native integration with leading IDEs and development tools and automated knowledge capture without workflow disruption.
- / **Success Pattern Replication:** Automatically identifies and replicates successful development patterns across your organization.
- / **Enterprise-Grade Security:** Built-in security assessment and compliance measures ensure your development process meets the highest standards.
- / **Deterministic Outcomes:** Validation-driven workflows ensure consistent, high-quality deliverables aligned with your specific business context.
- / **Accelerated GTM:** Empowers product managers with context-rich insights for market-driven releases and rapid delivery.
- / **Personalized Customer Support and Services:** Streamlines customer support with real-time insights and best practices, allowing teams to deliver faster, personalized assistance improving satisfaction and service quality.



# Redefining Software Development with Precision, Speed, and Real Enterprise Impact

## Accelerated Transformation

- / **Strategic Planning: From Guesswork to Precision** — 85% faster decision-making, 75% reduction in roadmap creation time
- / **Assessment: From Weeks to Hours** — 90% faster project evaluation
- / **Development Acceleration:** Code to Business Value — 7x faster delivery

## Enterprise Velocity Reimagined

- / **Integrations:** From quarters to weeks
- / **Innovation Cycles:** Years transformed into sprints
- / **Competitive Edge:** Capture opportunities 5x faster
- / **Customer-Centric Innovation:** Feedback becomes features within days
- / **Legacy Transformation:** Decades condensed to months
- / **Agility:** Respond to market changes in real-time

## Operational Excellence

- / **Frictionless Development:** 90% reduction in barriers
- / **Decision Efficiency:** 85% faster technical decisions
- / **Cycle Speed:** Delivery accelerated by 7x

## Quantified Impact across Fortune Enterprises

- / **Planning:** 3x faster requirement validation
- / **QA:** 95% improvement in bug prediction
- / **Development:** 85% faster context switching with Code Quality: 75% improved
- / **Time-to-Market:** 60% faster
- / **Customer Satisfaction:** 3x increase
- / **Onboarding Speed:** 90% faster

## The New Standard of Enterprise Excellence

SASVA represents Persistent's vision for the future of enterprise software development. SASVA represents a fundamental shift in how software is conceived, built, and maintained. It is more than a platform—it's your partner in transforming software delivery from a complex, unpredictable process into a streamlined, deterministic engine of business value.

In a world where enterprises still debate the trade-offs between speed and quality, innovation and stability, ambition and reliability, SASVA emerges as the evolution of enterprise capability.

**Welcome to a future where your organization's most audacious visions become a reality.**



# See Beyond, Rise Above

Contact us at [sasva\\_sales@persistent.com](mailto:sasva_sales@persistent.com) to schedule a personalized demonstration and discover how SASVA can transform your enterprise's capabilities across software development lifecycle and beyond.

**Experience SASVA — where impossible becomes inevitable. Schedule a transformational proof-of-value session today.**

## About Persistent

Persistent Systems (BSE & NSE: PERSISTENT) is a global services and solutions company delivering Digital Engineering and Enterprise Modernization to businesses across industries. With over 23,500 employees located in 19 countries, the Company is committed to innovation and client success. Persistent offers a comprehensive suite of services, including AI-enabled software engineering, product development, data and analytics, CX transformation, cloud computing, and intelligent automation. The Company has been recognized as the "Most Promising Company" of the Year by CNBC-TV18 at the 2023 India Business Leader Awards. As a participant of the United Nations Global Compact, Persistent 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.

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