MongoDB Launches AI-Powered Application Modernization Platform to Reduce Technical Debt and Speed Innovation

September 16, 2025

IntellectAI, Lombard Odier, and Bendigo Bank among global enterprises that have modernized legacy applications with the MongoDB Application Modernization Platform (AMP)

NEW YORK, Sept. 16, 2025 /PRNewswire/ -- MongoDB, Inc. (NASDAQ: MDB) today announced the launch of MongoDB AMP, an AI-powered Application Modernization Platform that helps enterprises quickly transform legacy applications into modern, scalable services. MongoDB AMP helps customers modernize through the fusion of an AI-powered software platform, a demonstrated delivery framework, and experienced AMP delivery engineers who oversee and guide the implementation process—a powerful combination of tools, technique, and talent. As AMP's foundation, MongoDB gives customers the flexibility of the document model and an architecture built for continuous change. By combining AMP tooling with MongoDB's demonstrated, repeatable framework, customers have seen tasks like code transformation sped up by 10x or more—with overall modernization projects sped up 2–3 times.

Enterprises across industries are weighed down by legacy applications critical to their operations, but which are also expensive to maintain and difficult to adapt to modern use cases like generative AI. Built around rigid data foundations and outdated tech stacks, these complex legacy applications can hinder innovation while posing security and compliance risks. According to the Consortium for Information & Software Quality, the cost of technical debt in the US—as measured by "poor software quality," software failures, lost developer time, and systems maintenance—has been estimated at almost $4 trillion dollars.

"Enterprises are increasingly grappling with the burden of complex legacy applications, constrained by rigid data foundations and outdated architectures that stifle innovation," said Rachel Stephens, Research Director at RedMonk. "While traditionally recognized for its database capabilities, MongoDB's strategic expansion into an AI-powered Application Modernization Platform highlights a critical understanding: the data layer remains an indispensable foundation for truly modern, scalable services. AMP empowers organizations to go beyond incremental 'lift and shift' migrations, instead focusing on full-stack transformation from the data up."

The traditional approach to application modernization typically involves expensive multi-year consulting engagements that can be manual and resource-intensive—and which can stall out before delivering results, impacting time-to-market. What's more, some modernization efforts seek to simply move legacy applications from one relational database to another (a "lift and shift" migration), instead of switching to a flexible, modern database solution.

"Research shows that too many organizations spend time and budget on low-value, high-effort work simply to keep the lights on—which impacts their ability to keep pace with competitors," said Vinod Bagal, Senior Vice President, Modernization and Transformation at MongoDB. "MongoDB AMP offers enterprises a better approach to modernization. It helps companies move from traditional to transformative with remarkable speed and quality, opening doors to innovation and cost savings."

MongoDB AMP is the result of years of innovation and development

The launch of MongoDB AMP is the culmination of more than two years of work developing this approach with some of MongoDB's most sophisticated customers. Notably, AMP has led to modernization successes with customers in demanding, highly regulated industries. For example, Australia's **Bendigo Bank** reduced the development time required to migrate a core banking application from a legacy relational database to MongoDB Atlas by 90%. And with AI tooling, the bank was able to reduce the time spent running application test cases from over 80 hours to just five minutes.

Lombard Odier, meanwhile, successfully migrated key applications from its SQL database to MongoDB. This partnership resulted in migrating code up to 60 times faster and reducing regression testing time from three days to three hours, freeing developers to focus on innovation.

More recently, MongoDB worked with **IntellectAI**, one of the world's largest enterprise fintech companies, to modernize critical components of its Wealth Management platform. Intellect's project with MongoDB led to improved performance and reduced development cycle times, and its platform is now better positioned to onboard clients, provide richer customer insights, and to unlock generative AI use cases across the firm.

"At IntellectAI, we are redefining how enterprises unlock value with AI," said Deepak Dastrala, Chief Technology Officer at IntellectAI. "Modernizing with MongoDB has transformed how we deliver value to our customers, freeing us from bottlenecks and accelerating the realization of our AI vision. One of the world's largest sovereign wealth funds, with trillions under management, relies on our flagship enterprise AI platform, Purple Fabric (powered by MongoDB) to support real-time investment decisions. Together, IntellectAI and MongoDB are enabling clients to turn AI vision into

measurable business impact."

MongoDB AMP is now available. For more information, visit the MongoDB website or contact your MongoDB account representative.

About MongoDB
Headquartered in New York, MongoDB's mission is to empower innovators to create, transform, and disrupt industries with software. MongoDB's unified database platform was built to power the next generation of applications, and MongoDB is the most widely available, globally distributed database on the market. With integrated capabilities for operational data, search, real-time analytics, and AI-powered data retrieval, MongoDB helps organizations everywhere move faster, innovate more efficiently, and simplify complex architectures. Millions of developers and more than 50,000 customers across industries—including over 75% of the Fortune 100—rely on MongoDB for their most important applications. To learn more, visit mongodb.com.

Forward-Looking Statements

This press release includes certain "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, including statements concerning integration of search and vector search capabilities with MongoDB Community Edition and MongoDB Enterprise Server. These forward-looking statements include, but are not limited to, plans, objectives, expectations and intentions and other statements contained in this press release that are not historical facts and statements identified by words such as "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "project," "will," "would" or the negative or plural of these words or similar expressions or variations. These forward-looking statements reflect our current views about our plans, intentions, expectations, strategies and prospects, which are based on the information currently available to us and on assumptions we have made. Although we believe that our plans, intentions, expectations, strategies and prospects as reflected in or suggested by those forward-looking statements are reasonable, we can give no assurance that the plans, intentions, expectations or strategies will be attained or achieved. Furthermore, actual results may differ materially from those described in the forward-looking statements and are subject to a variety of assumptions, uncertainties, risks and factors that are beyond our control including, without limitation: our customers renewing their subscriptions with us and expanding their usage of software and related services; global political changes; the effects of the ongoing military conflicts between Russia and Ukraine and Israel and Hamas on our business and future operating results; economic downturns and/or the effects of rising interest rates, inflation and volatility in the global economy and financial markets on our business and future operating results; our potential failure to meet publicly announced guidance or other expectations about our business and future operating results; liabilities, reputational harm or other adverse consequences resulting from use of AI in our product offerings and internal operations if they don't produce the desired benefits; our limited operating history; our history of losses; our potential failure to repurchase shares of our common stock at favorable prices, if at all; failure of our platform to satisfy customer demands; the effects of increased competition; our investments in new products and our ability to introduce new features, services or enhancements; social, ethical and security issues relating to the use of new and evolving technologies, such as artificial intelligence, in our offerings or partnerships; our ability to effectively expand our sales and marketing organization; our ability to continue to build and maintain credibility with the developer community; our ability to add new customers or increase sales to our existing customers; our ability to maintain, protect, enforce and enhance our intellectual property; the effects of social, ethical and regulatory issues relating to the use of new and evolving technologies, such as artificial intelligence, in our offerings or partnerships; the growth and expansion of the market for database products and our ability to penetrate that market; our ability to maintain the security of our software and adequately address privacy concerns; our ability to manage our growth effectively and successfully recruit and retain additional highly-qualified personnel; and the price volatility of our common stock. These and other risks and uncertainties are more fully described in our filings with the Securities and Exchange Commission ("SEC"), including under the caption "Risk Factors" in our Quarterly Report on Form 10-Q for the quarter ended July 31, 2025, filed with the SEC on August 27, 2025. Additional information will be made available in our Quarterly Report on Form 10-Q for the quarter ended October 31, 2025, and other filings and reports that we may file from time to time with the SEC. Except as required by law, we undertake no duty or obligation to update any forward-looking statements contained in this release as a result of new information, future events, changes in expectations or otherwise.

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