

NEWS RELEASE

FOR IMMEDIATE RELEASE

Investor Contact:

Salvatore J. DiMartino
(516) 683-4286

FLAGSTAR BANK ANNOUNCES PROPRIETARY TECHNOLOGY TRANSFORMATION

Bank establishes proprietary rights over its enterprise platform and novel AI system

HICKSVILLE, N.Y., June 15, 2026 –Flagstar Bank, N.A. (NYSE: FLG) (the "Bank") today announced significant progress in its strategic technology transformation, establishing proprietary rights over its enterprise platform and novel AI system designed for regulated financial services.

THE INVESTMENT & STRATEGIC VISION

Recognizing that modernizing technology is critical to future success, Flagstar architected a purpose-built technology foundation with a deep understanding of financial regulatory requirements, reflecting how a modern regulated bank operates today. Rather than relying on third-party solutions, Flagstar's approach reflects a broader institutional commitment to developing differentiated capabilities.

"Technology innovation is a key part of the Bank's strategic plan and central to achieving our vision of being a best-in-class bank for all of our customers," said Christopher Higgins, Executive Vice President and Chief Information & Operations Officer at Flagstar Bank. "Protecting the intellectual property behind our transformation is about more than legal defensibility — it signals to the market, our regulators, and our customers that Flagstar is building a modern institution with unique capabilities that differentiate how we serve and protect our stakeholders."

The Flagstar S2 Platform™: A Technology Brand

As part of today's announcement, the Bank has applied to obtain a trademark registration for the branding of its enterprise technology transformation platform, Flagstar S2 Platform™ — Simple and Sophisticated.

The **Flagstar S2 Platform™** represents the Bank's unified technology transformation initiative which includes the consolidation of three legacy banking environments (Flagstar Bank, New York Community Bank, and Signature Bank), six data centers, and disparate technology stacks into a modern, integrated foundation. The platform delivers simplicity and elegance that reduces costs, improves customer and employee experience, and drives enterprise value.

The trademark will cover three key categories.

- **Computer & Software Services & Scientific Services** — covering the platform’s enterprise technology services, business management, business analytics, and business operations capabilities.
- **Financial Services** — encompassing the banking and financial management solutions delivered through the platform.
- **Technology Platform Services** — covering non-downloadable software platforms and Platform as a Service (PaaS) solutions for financial and business management.

StarIQ: A Patent-Pending Novel Enterprise AI System

The Bank has also filed for a provisional patent application for StarIQ, its proprietary enterprise generative AI orchestration system.

StarIQ was built specifically for regulated financial services environments to enable secure, governed AI deployment across the enterprise while maintaining regulatory compliance. Deployed in early 2026, the platform integrates multiple foundation models including Anthropic Claude, Meta Llama, Mistral, Amazon Titan, and is powered by Amazon Web Services while secured by Palo Alto Networks.

StarIQ represents a differentiated approach to secure, governed, multi-model AI deployment among regulated banks. The patent application, titled *“Techniques for Secure Enterprise Generative Artificial Intelligence Orchestration,”* will protect the novel system and method at the core of Flagstar’s StarIQ platform.

The application covers several innovations that distinguish StarIQ from other AI platforms.

- **Secure Multi-Model AI Orchestration Architecture** — Integrates multiple AI providers within a single governed platform using consumption-based deployment, eliminating per-seat limitations
- **AI-Aware Enterprise Security Layer** — Employs Palo Alto Networks Prisma AI firewalls for real-time detection of sensitive data patterns, prompt injection attempts, and policy violations
- **Custom Retrieval-Augmented Generation (RAG) Pipeline** — Enables secure document and policy queries with full citation tracking and access-controlled knowledge bases
- **Integrated AI Governance Framework** — Connects business case submission through regulatory compliance review and multi-level approvals in a single auditable system

“Securing these intellectual property protections reflects Flagstar’s commitment to building, not just buying technology, that is purpose-built for regulated financial services,” said Jason Pope, Chief Technology Officer. “The Flagstar S2 Platform trademark establishes our unique identity in the market, and the pending StarIQ patent signals that the innovation happening inside this institution is differentiated, defensible, and designed to create a lasting competitive advantage.”



Flagstar Bank, N.A.

Flagstar Bank, N.A. is one of the largest regional banks in the country and is headquartered in Hicksville, New York. At March 31, 2026, the Bank had \$87.1 billion of assets, \$60.7 billion of loans, deposits of \$66.8 billion, and total stockholders' equity of \$8.1 billion. Flagstar Bank, N.A. operates approximately 340 locations across nine states, with strong footholds in the greater New York/New Jersey metropolitan region and in the upper Midwest, along with a significant presence in fast-growing markets in Florida and the West Coast.

Cautionary Statements Regarding Forward-Looking Language

This press release may include forward-looking statements by us and our authorized officers pertaining to such matters as our goals, beliefs, intentions, and expectations regarding, among other things: (a) revenues, earnings, loan production, asset quality, liquidity position, capital levels, risk analysis, divestitures, acquisitions, and other material transactions, among other matters; (b) the future costs and benefits of the actions we may take; (c) our assessments of credit risk and probable losses on loans and associated allowances and reserves; (d) our assessments of interest rate and other market risks; (e) our ability to achieve profitability goals within projected timeframes and to execute on our strategic plan, including the sufficiency of our internal resources, procedures and systems; (f) our ability to attract, incentivize, and retain key personnel and the roles of key personnel; (g) our ability to achieve our financial and other strategic goals, including those related to our recent holding company reorganization, which was completed in October 2025 (the "Reorganization"), our merger with Flagstar Bancorp, Inc., which was completed in December 2022, our acquisition of substantial portions of the former Signature Bank through an FDIC-assisted transaction, which was completed in March 2023, and our ability to comply with the heightened regulatory standards with respect to governance and risk management programs to which we are subject as a national bank with assets of \$50 billion or more; (h) the impact of the \$1.05 billion capital raise we completed in March 2024; (i) the conversion or exchange of shares of our preferred stock; (j) the payment of dividends on shares of our capital stock, including adjustments to the amount of dividends payable on shares of our preferred stock; (k) the availability of equity and dilution of existing equity holders associated with future equity awards and stock issuances; (l) the effects of the reverse stock split we effected in July 2024; and (m) the impact of the 2024 sale of our mortgage servicing operations, third party mortgage loan origination business, and mortgage warehouse business.

Forward-looking statements are typically identified by such words as "believe," "expect," "anticipate," "intend," "outlook," "estimate," "forecast," "project," "should," "confident," and other similar words and expressions, and are subject to numerous assumptions, risks, and uncertainties, which change over time. Additionally, forward-looking statements speak only as of the date they are made; we do not assume any duty, and do not undertake, to update our forward-looking statements. Furthermore, because forward-looking statements are subject to assumptions and uncertainties, actual results or future events could differ, possibly materially, from those anticipated in our statements, and our future performance could differ materially from our historical results.

Our forward-looking statements are subject to, among others, the following principal risks and uncertainties: general economic conditions and trends, either nationally or locally; conditions in the securities, credit and financial markets; changes in interest rates; changes in deposit flows, and in the demand for deposit, loan, and investment products and other financial services; changes in real estate

values; changes in the quality or composition of our loan or investment portfolios, including associated allowances and reserves; changes in future allowance for credit losses, including changes required under relevant accounting and regulatory requirements; the ability to pay future dividends; changes in our capital management and balance sheet strategies and our ability to successfully implement such strategies; our ability to achieve the anticipated benefits of the Reorganization; changes in our Board of Directors and our executive management team; changes in our strategic plan, including changes in our internal resources, procedures and systems, and our ability to successfully implement such plan; changes in competitive pressures among financial institutions or from non-financial institutions; changes in legislation, regulations, and policies; the impacts of tariffs, sanctions and other trade policies of the United States and its global trading counterparts; the outcome of federal, state, and local elections and the resulting economic and other impact on the areas in which we conduct business; the impact of changing political conditions or federal government shutdowns; the imposition of restrictions on our operations by bank regulators; the outcome of pending or threatened litigation, or of investigations or any other matters before regulatory agencies, whether currently existing or commencing in the future; our ability to comply with heightened regulatory standards with respect to governance and risk management programs to which we are subject as a national bank with assets of \$50 billion or more; the restructuring of our mortgage business; our ability to recognize anticipated cost savings and enhanced efficiencies with respect to our balance sheet and expense reduction strategies; the impact of failures or disruptions in or breaches of our operational or security systems, data or infrastructure, or those of third parties, including as a result of cyberattacks or campaigns; the impact of natural disasters, extreme weather events, civil unrest, international military conflict, terrorism or other geopolitical events; and a variety of other matters which, by their nature, are subject to significant uncertainties and/or are beyond our control. Our forward-looking statements are also subject to the following principal risks and uncertainties with respect to our merger with Flagstar Bancorp, which was completed in December 2022, and our acquisition of substantial portions of the former Signature Bank through an FDIC-assisted transaction, which was completed in March 2023: the possibility that the anticipated benefits of the transactions will not be realized when expected or at all; the possibility of increased legal and compliance costs, including with respect to any litigation or regulatory actions related to the business practices of acquired companies or the combined business; diversion of management's attention from ongoing business operations and opportunities; the possibility that we may be unable to achieve expected synergies and operating efficiencies in or as a result of the transactions within the expected timeframes or at all; and revenues following the transactions may be lower than expected.

More information regarding some of these factors is provided in the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2025, and in other reports we file with the Office of the Comptroller of the Currency (the "OCC") and voluntarily file with the Securities and Exchange Commission (the "SEC"), and which are also available on our Investor Relations website. Our forward-looking statements may also be subject to other risks and uncertainties, including those we may discuss in this news release, on our conference call, during investor presentations, or in our securities disclosure filings. All such files are accessible on our website at ir.flagstar.com, on the OCC's website at www.occ.gov, and on the SEC's website at www.sec.gov.